

2014-15

# UNDERGRADUATE CATALOG



LIBERTY UNIVERSITY

**LIBERTY UNIVERSITY®**

*1971 University Boulevard  
Lynchburg, VA 24515  
434-582-2000*

**UNDERGRADUATE CATALOG****2014-2015**

*Liberty University is accredited by the  
Southern Association of Colleges and Schools Commission on Colleges  
to award associate, bachelor, masters, specialist, and doctoral degrees.  
Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097  
or call 404-679-4500 for questions about the accreditation of Liberty University.  
Normal inquiries about the institutions, such as admission requirements, financial aid,  
educational programs, etc., should be addressed directly to Liberty University.*

The University reserves the right to make necessary changes without further notice. The regulations, programs, courses, personnel, and costs listed herein are subject to change after publication of this bulletin through established procedures. In such cases, the University will attempt to communicate these changes to all students, faculty, and staff through written means. It is **IMPORTANT** that each student familiarize himself with the regulations set forth in this Catalog and assumes his proper responsibilities concerning them.

The University calendar is posted online at [www.liberty.edu/registrar](http://www.liberty.edu/registrar)

**FIRST SEMESTER****August 4, Monday**

Faculty Return

**August 6 – 12 Wednesday-Tuesday**

Faculty Orientation

**August 14, Thursday**

Residence Halls open for new students

(staggered arrival; new students will be emailed with specific timeframe that applies)

Dining Halls open at 12 PM for new students

Enrollment Assistance for new and transfer undergraduate students

Graduate Check-in: Required for all new, transfer and former graduate students

**August 15, Friday**

Residence Halls open for returning students at 1 PM

Dining Hall opens at 12 PM for returning students

New Student Seminar- Required for all new, transfer, and former undergraduate students.

**August 18, Monday**

Classes begin, 7:40 AM

**August 18 – 22, Monday – Friday**

Add/Drop Week

**August 22, Friday**

Last day to add or drop a class until 4 PM

**October 9 – 10, Thursday – Friday**

Fall Break

**November 15, Saturday**

Retention Priority Program (current UG residential students):

*Current UG resident students who register for classes by Nov 15<sup>th</sup> will be entered in a drawing to win a \$1,750 scholarship*

**November 21, Friday**

Last day to withdraw from a UG class with a "W"

Thanksgiving vacation begins after last class

Dining Hall closes after dinner

**November 24 – 28, Monday – Friday**

Thanksgiving vacation

**December 1, Monday**

Retention Priority Program (current UG residential students):

*Current UG resident students who reconcile (complete financial check-in) for spring 2015 by Dec 1<sup>st</sup> will be entered into a drawing to win a \$2,000 scholarship*

**December 3, Wednesday**

Last day of classes

Last day to withdraw from a Graduate class with a "W"

**December 4, Thursday**

Reading Day

**December 5 – 12, Friday - Friday**

Final Examinations

**December 12, Friday**

Final Exam Make-up Day

Fall semester ends

Residence Halls close at noon

Dining Hall closes after dinner

**December 19, Friday**

Final grades due

**WINTER INTERSESSION**

December 29 – January 9

**SECOND SEMESTER****January 5, Monday**

Faculty Return

**January 8, Thursday**

Residence Halls open for new students

Dining Halls open at 12 PM for new students

Enrollment Assistance for new and transfer undergraduate students

Graduate Check-in: Required for all new, transfer and former graduate students

**January 9, Friday**

Residence Halls open for returning students at 1 PM

Dining Hall opens at 12 PM for returning students

New Student Seminar- Required for all new, transfer, and former undergraduate students.

**January 8 – 9, Thursday – Friday**

New Student Seminar – Required for all new, transfer and former undergraduate students

**January 12, Monday**

Classes begin, 7:40 AM

**January 12 – 16, Monday – Friday**

Add/Drop Week

**January 16, Friday**

Last day to add or drop a class until 4 PM

**January 31, Saturday**

Priority Program (new UG residential students): **Submit your application.** Apply online, or by phone at (800) 543-5317. Mon-Fri 8AM-9PM and Sat 10 AM -6 PM (EST) \$40 application fee. *Completing this step enters you into a \$5,000 tuition scholarship drawing*

**February 28, Saturday**

Priority Program (new UG residential students): **Submit \$250 Confirmation Deposit and become accepted.** Once we have your high school (and/or college) transcripts, SAT/ACT test scores and personal essay, an admissions decision will be made within two weeks! *Completing this step enters you into a \$10,000 scholarship drawing.*

**March 6, Friday**

Spring Vacation begins after last class

Dining Hall closes after dinner

**March 9 – 13, Monday – Friday**

Spring Break

**March 25, Wednesday**

Annual Assessment Day

**April 6, Monday**

Easter Holiday – No Classes

**April 10, Friday**

Last day to withdraw from a UG class with a "W"

**April 28, Tuesday**

Last day of classes

Last day to withdraw from a Graduate class with a "W"

**April 29, Wednesday**

Reading Day

**April 30, Thursday**

Priority Program (new UG residential students): **Complete Financial Check-In (FCI)** through ASIST to secure your enrollment. *Completing this step enter you into a one-year full tuition scholarship plus fees drawing.*

**April 30 – May 6, Thursday – Wednesday**

Final Examinations

**May 6, Wednesday**

Residence Halls close at noon

**May 8, Friday**

Baccalaureate Service

Spring semester ends

**May 9, Saturday**

Commencement

Dining Hall closes after breakfast

**May 15, Friday**

Final grades due

**May 20-22, Wednesday – Friday**

Faculty Workdays

**SUMMER SESSION****May 11 – August 21**

Summer session 2015 classes in session

**June 3, Wednesday**

Priority Program deadline (new UG residential students): **Register for classes.** You will need to complete your Math and English Assessments in Blackboard before registering for classes. *Completing this step enters you into a one-year full tuition scholarship drawing*

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*This publication uses the masculine pronoun in the generic sense.*

## *Message from the President*

Liberty University, founded in 1971, is the largest private, nonprofit four-year college in the nation, the largest university in Virginia, and the largest Christian university in the world.



You have an opportunity to be part of this exciting university! We invite you to join our 13,000 students studying on our Lynchburg, Va., campus or more than 90,000 taking online courses from around the world — all training to be *Champions for Christ*.

Liberty now offers more than 300 unique programs of study. All of our courses are taught from a biblical worldview and designed in line with our mission to develop Christ-centered men and women with the values, knowledge, and skills essential to impact tomorrow's world. Every faculty member is a professing Christian who believes that teaching is a calling, not just a job.

We are in the midst of rebuilding our campus and adding many state-of-the-art facilities to support our academic programs. Classrooms are equipped with cutting-edge technology to ensure that students are exposed to the latest advancements in their fields.

While a spiritual focus and quality academics remain our top priorities, Liberty also offers 20 NCAA Division I athletic teams, 32 club sport teams, and a large variety of student activities, intramural sports, and recreational opportunities that you will not find at any other Christian college.

I invite you to explore our courses and learn more about how Liberty can help prepare you for the career you have dreamed of, and one in which you can make a real difference in this world.

Jerry Falwell  
*President*

## *Message from the Provost*

Many adjectives might serve to describe Liberty in its fourth decade. To many we are huge and our story is exciting. People everywhere marvel at our rapid growth and our ascendance to a position of leadership in Christian higher education. The comprehensive rebuilding and refreshment of our school under the leadership of our President has produced a beautiful and functional campus beyond the dreams of our founder and those of us who came to serve alongside of him. Newly constructed, state-of-the-art educational facilities, attractive dorms, and an abundance of recreational facilities provide an unparalleled opportunity for students desiring a Christ-centered education to pursue their dreams in a context that is as modern and filled with opportunities as many of the finest state universities.

Liberty University students study and conduct research in the new Jerry Falwell Library with its state-of-the-art robotic retrieval system, abundant group study rooms, and outstanding print and electronic resources. Biology, chemistry, health sciences and pre-med students attend classes and conduct their research in our new 200,000 square foot science building with state-of-the-art labs and classrooms. Music students are challenged to the highest level of excellence as they study and perform in a new music and performing arts center that provides an atmosphere that helps to inspire their pursuit of excellence for the glory of God. Nursing, medical and engineering students study and learn in new facilities equipped with the most modern SIMS and labs and are fully prepared for graduate school, employment, and excellence in service as they take their next step. Liberty's approach to cultural engagement has contributed to the development of academic programs connected to real life experiences in cinematic arts, theater, studio and digital arts, and a host of other degree programs that are offered through the newly expanded School of Communication and Creative Arts. The Center for Apologetics and Cultural Engagement teaches students how to engage culture and address the biblical, theological, and philosophical questions of today's world from a distinctively Christian worldview.



World class facilities are important and necessary, but the most important resource contributing to Liberty's expanding reputation for excellence is the Liberty faculty. Seventy percent of our faculty have earned doctoral degrees, many from the top schools in America and around the world. More importantly they share our President's commitment to the creed that "If it's Christian it ought to be better." Liberty University faculty love their disciplines, love teaching and love their students. Liberty faculty are united in the belief that God has called them to serve Him in this place and that every student has been created by God, bears His image, and is gifted by God to serve a particular purpose in His world. Education at Liberty is a dynamic partnership in which the Creator God, the student, and the faculty are joined in the common resolve to acquire and demonstrate the knowledge, values and skills required for serving with excellence in their callings.

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As I close these words of introduction, I want to point out another element that is at the heart of what makes Liberty unique in the world of higher education. Our resolve to create "Champions for Christ" is achievable because administration and faculty are committed to the ongoing preservation of an environment where the Holy Spirit has the freedom to work in our classrooms, in our uplifting convocations held at least twice a week, and in the conversations and service of Liberty students. As an academic community, we are united in the belief that through reliance upon the Spirit of God, obedience to the scriptures and the diligent pursuit of academic excellence, we are able to produce "Champions for Christ" to serve in our contemporary culture. I invite you to view this catalog and come and see what God is doing!

Ronald Hawkins  
*Vice President for Academic Affairs and Provost*

## General Information

### FOUNDED

1971

### LOCATION

Liberty University is located in the heart of Virginia in Lynchburg (population 75,000) on the south banks of the historic James River with the scenic Blue Ridge Mountains as a backdrop. The city is over 200 years old and is noted for its culture, beauty, and educational advantages. Lynchburg is at the crossroads of U.S. highways 29 and 460 and has adequate transportation facilities by bus, railway, and air.

### CAMPUS

Liberty's campus is surrounded by beautiful mountain vistas and extends over 7,000 acres with over 300 buildings that consist of over five million square feet of building space including 215 classrooms.

### TYPE

The University is a religiously-oriented, private, coeducational, comprehensive institution.

### MOTTO

"Knowledge Aflame"

### DISTINCTIVENESS

Liberty University was originally formed under the auspices of Thomas Road Baptist Church. Liberty is distinctive among Christian colleges because resident students use Thomas Road Baptist Church, other local church ministries, and community service groups as a laboratory for practical application of what they learn in the classroom. While this practice is not logistically or philosophically possible for students in the online programs, Liberty University Online uses its curriculum and advising to encourage spiritual, moral and ethical development in the student body.

### SYMBOLS

The University Seal, a symbol of the administrative authority of the University, depicts Thomas Road Baptist Church aflame with the fire of the Gospel, against the background of an open Bible. The flame within the Seal depicts the motto, "Knowledge Aflame," and evokes the University's guiding philosophy—that knowledge has validity only when viewed in the light of Biblical Truth. The Seal's octagonal border reflects the Jeffersonian architecture of the building which first housed the University.

The Mace is a symbol of administrative authority, a symbol of continuity as the institution pursues its enduring mission, and a witness of institutional heritage.

The Eagle symbol refers to the soaring spirit of achievement the University seeks to inspire in its students, and to the patriotic spirit of the University. The school colors are blue, red, and white. The school verse is II Corinthians 3:17, ". . . where the Spirit of the Lord is, there is liberty."

The Eaglehead/Liberty University Logo is symbolic of the athletic teams of the University. The name for all male sports teams is "The Flames"; all female sports teams are referred to as "The Lady Flames." The Flames Mascot is an eagle named "Sparky."

### DEGREES

Liberty University offers a wide variety of programs and specializations in residential and online formats. These degree programs include Associate, Bachelor's, Master's, Post-Masters and Doctoral degrees. Additionally, Liberty University Baptist Theological Seminary offers Graduate programs with a variety of specializations. At Liberty, you have the unique opportunity to study with world-class faculty in a distinctively Christian environment.

### COLORS

Blue, red, and white

### TELEPHONE

434-582-2000

### WEBSITES

[www.liberty.edu](http://www.liberty.edu)

### ACADEMIC CALENDAR

Two semesters with a Winter Intersession and Summer Session

### ACCREDITATION AND MEMBERSHIPS

Liberty University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, bachelor, master, specialist and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Liberty University.

Normal inquiries about the institution, such as admission requirements, financial aid, educational programs, etc., should be addressed directly to Liberty University.

The Liberty University College of Osteopathic Medicine is provisionally accredited by the American Osteopathic Association Commission on Osteopathic College Accreditation (AOA-COCA) in the United States.

Liberty University School of Law is fully accredited by the Council of the Section of Legal Education and Admissions to the Bar of the American Bar Association (ABA), 321 North Clark Street, Chicago, IL 60654-7598; 312-988-5000.

Many of Liberty's programs are accredited or otherwise recognized by specialized professional and accrediting agencies.

The Associate of Arts in Accounting, the Associate of Arts in Business, the Associate of Arts in Business Management Information Systems, the Bachelor of Science in Accounting, the Bachelor of Science in Business Administration, the Bachelor of Science in Business Management Information Systems, the Master of Science in Accounting, and the Master of Business Administration programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

The Bachelor of Science in Computer Engineering, the Bachelor of Science in Electrical Engineering, the Bachelor of Science in Industrial and Systems Engineering, and the Bachelor of Science in Computer Science programs are accredited by ABET.

The Bachelor of Science in Athletic Training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

The Bachelor of Science in Exercise Science program is accredited by the Commission on Accreditation of Allied Health Education Program (CAAHEP).

The Bachelor of Science in Nursing and Master of Science in Nursing at Liberty University are accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC 20036, 202-887-6791. The Nursing Department is approved by the Virginia Board of Nursing (VBN).

The Commonwealth of Virginia Department of Education approves the School of Education teacher preparation programs. The School of Education is accredited at the initial and advanced preparation levels by the National Council for Accreditation of Teacher Education (NCATE).

The Bachelor of Science in Sport Management program is accredited by the Commission on Sport Management Accreditation (COSMA).

Liberty University is a member of the Association of Christian Schools International (ACSI) and the Council of Independent Colleges in Virginia.

**STATE CERTIFICATION**

Liberty University is authorized to confer degrees by the Commonwealth of Virginia.

Pursuant to 23-276.1-12 of the Code of Virginia, the State Council of Higher Education for Virginia (SCHEV) is responsible for developing procedures to which certain private and all out-of-state postsecondary institutions must adhere in order to receive approval to confer degrees, certificates, or diplomas in the Commonwealth of Virginia. Certain private institutions are exempt from the requirements of certification or approval by SCHEV.

Liberty University was incorporated in the State of Virginia on January 18, 1972. It has operated under the same ownership since that time and has remained in good standing with the U.S. Department of Education and its accrediting body. Liberty University is an exempt institution.

SCHEV has limited or no regulatory authority over institutions exempt from certification. Before enrolling in any institution in the Commonwealth of Virginia, students are encouraged to determine the schools regulatory relationship with SCHEV or other state regulatory agencies. Certain consumer protection provisions required by certified schools are not present at or required by exempt institutions.

The exemption entitles Liberty University to conduct academic affairs or business without seeking or obtaining SCHEV approval. The resulting scope of the institutional autonomy includes:

- Offering courses or programs for degree credit;
- Enrolling students in courses or programs;
- Conferring or awarding degrees;
- Initiating other programs for degree credit at a new or additional level; and
- Offering instruction at additional or new locations.

Additional information regarding exempt institutions is available at <http://www.schev.edu/students/PrivateExempt.asp>.

**STATE AUTHORIZATION**

Liberty University is authorized by the Washington Student Achievement Council and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree-Granting Institutions Act. This authorization is subject to periodic review and authorizes Liberty University to offer field placement components for specific degree programs. The Council may be contacted for a list of currently authorized programs. Authorization by the Council does not carry with it an endorsement by the Council of the institution or its programs. Any person desiring information about the requirements of the act or the applicability of those requirements to the institution may contact the Council at P.O. Box 43430, Olympia, WA 98504-3430.

Not all of the online programs offered by our institutions have been approved in Kentucky. Please check the Council on Postsecondary Education's website at <http://dataportal.cpe.ky.gov/acadprog.aspx> to view its listing of approved programs. For more information, please contact the Council on Postsecondary Education, 1024 Capital Center Drive, Suite 320, Frankfort, KY 40601.

**NON-DISCRIMINATION STATEMENT**

Liberty University does not engage in unlawful discrimination or harassment because of race, color, religion, creed, national origin, ancestry, ethnicity, sex, marital status, disability, age or veteran status in its educational programs and activities. Liberty University maintains its Christian character but does not discriminate on the basis of religion, except to the extent that applicable law respects its right to act in furtherance of its religious objectives. The University will provide reasonable academic accommodations ((434) 582-2159 or [AcademicAccommodations@liberty.edu](mailto:AcademicAccommodations@liberty.edu)) and reasonable physical access accommodations ((434) 592-4107 or [casas@liberty.edu](mailto:casas@liberty.edu)) to

those with qualifying disabilities. The following persons have been designated to coordinate Liberty University's compliance with certain anti-discrimination laws:

Brittney Wardlaw (Title IX/Sex—Students)

[studentconduct@liberty.edu](mailto:studentconduct@liberty.edu) | (434) 582-2320

Denny McHaney (Disability—Resident Students)

[wdmchane@liberty.edu](mailto:wdmchane@liberty.edu) | (434) 582-2159

Edwina Berryman (Disability—Online Students)

[luoodas@liberty.edu](mailto:luoodas@liberty.edu)

Laura Wallace (Title IX/Sex & Disability—Employment)

[HR@liberty.edu](mailto:HR@liberty.edu) | (434) 592-7330

***Doctrinal Position***

We affirm our belief in one God, infinite Spirit, Creator, and Sustainer of all things, who exists eternally in three persons, God the Father, God the Son, and God the Holy Spirit. These three are one in essence but distinct in person and function.

We affirm that the Father is the first person of the Trinity, and the source of all that God is and does. From Him the Son is eternally generated, and from Them, the Spirit eternally proceeds. He is the designer of creation, the speaker of revelation, the author of redemption, and the sovereign of history.

We affirm that the Lord Jesus Christ is the second person of the Trinity. Eternally begotten from the Father, He is God. He was conceived by the virgin Mary through a miracle of the Holy Spirit. He lives forever as perfect God and perfect man, two distinct natures inseparably united in one person.

We affirm that the Holy Spirit is the third person of the Trinity, proceeding from the Father and the Son, and equal in deity. He is the giver of all life, active in the creating and ordering of the universe; He is the agent of inspiration and the new birth; He restrains sin and Satan; and He indwells and sanctifies all believers.

We affirm that all things were created by God. Angels were created as ministering agents, though some, under the leadership of Satan, fell from their sinless state to become agents of evil. The universe was created in six historical days and is continuously sustained by God; thus it both reflects His glory and reveals His truth. Human beings were directly created, not evolved, in the very image of God. As reasoning moral agents, they are responsible under God for understanding and governing themselves and the world.

We affirm that the Bible, both Old and New Testaments, though written by men, was supernaturally inspired by God so that all its words are the written true revelation of God; it is therefore inerrant in the originals and authoritative in all matters. It is to be understood by all through the illumination of the Holy Spirit, its meaning determined by the historical, grammatical, and literary use of the author's language, comparing Scripture with Scripture.

We affirm that Adam, the first man, willfully disobeyed God, bringing sin and death into the world. As a result, all persons are sinners from conception, which is evidenced in their willful acts of sin; and they are therefore subject to eternal punishment, under the just condemnation of a holy God.

We affirm that Jesus Christ offered Himself as a sacrifice by the appointment of the Father. He fulfilled the demands of God by His obedient life, died on the cross in full substitution and payment for the sins of all, was buried, and on the third day He arose physically and bodily from the dead. He ascended into heaven where He now intercedes for all believers.

We affirm that each person can be saved only through the work of Jesus Christ, through repentance of sin and by faith alone in Him as Savior. The believer is declared righteous, born again by the Holy Spirit, turned from sin, and assured of heaven.

We affirm that the Holy Spirit indwells all who are born again, conforming them to the likeness of Jesus Christ. This is a process completed only in Heaven. Every believer is responsible to live in obedience to the Word of God in separation from sin.



We affirm that a church is a local assembly of baptized believers, under the discipline of the Word of God and the lordship of Christ, organized to carry out the commission to evangelize, to teach, and to administer the ordinances of believer's baptism and the Lord's table. Its offices are pastors and deacons, and it is self-governing. It functions through the ministry of gifts given by the Holy Spirit to each believer.

We affirm that the return of Christ for all believers is imminent. It will be followed by seven years of great tribulation, and then the coming of Christ to establish His earthly kingdom for a thousand years. The unsaved will then be raised and judged according to their works and separated forever from God in hell. The saved, having been raised, will live forever in Heaven in fellowship with God.

### ***Philosophy of Education***

Liberty University is a Christian academic community in the tradition of evangelical institutions of higher education. As such, Liberty continues the philosophy of education which first gave rise to the university, and which is summarized in the following propositions.

God, the infinite source of all things, has shown us truth through scripture, nature, history, and above all, in Christ.

Persons are spiritual, rational, moral, social, and physical, created in the image of God. They are, therefore, able to know and to value themselves and other persons, the universe, and God.

Education as the process of teaching and learning, involves the whole person, by developing the knowledge, values, and skills which enable each individual to change freely. Thus it occurs most effectively when both instructor and student are properly related to God and each other through Christ.

### ***Statement of Mission and Purpose***

Maintaining the vision of the founder, Dr. Jerry Falwell, Liberty University develops Christ-centered men and women with the values, knowledge, and skills essential to impact the world.

Through its residential and online programs, services, facilities, and collaborations, the University educates men and women who will make important contributions to their workplaces and communities, follow their chosen vocations as callings to glorify God, and fulfill the Great Commission.

Liberty University will:

1. Emphasize excellence in teaching and learning.
2. Foster university-level competencies in communication, critical thinking, information literacy, and mathematics in all undergraduate programs
3. Ensure competency in scholarship, research, and professional communication in all graduate programs and undergraduate programs where appropriate.
4. Promote the synthesis of academic knowledge and Christian worldview in order that there might be a maturing of spiritual, intellectual, social and physical value-driven behavior.
5. Enable students to engage in a major field of study in career-focused disciplines built on a solid foundation in the liberal arts.
6. Promote an understanding of the Western tradition and the diverse elements of American cultural history, especially the importance of the individual in maintaining democratic and free market processes.
7. Contribute to a knowledge and understanding of other cultures and of international events.

8. Encourage a commitment to the Christian life, one of personal integrity, sensitivity to the needs of others, social responsibility and active communication of the Christian faith, and, as it is lived out, a life that leads people to Jesus Christ as the Lord of the universe and their own personal Savior.

*Approved by the Board of Trustees, March 7, 2014*

### ***Statement on Worldview***

Liberty University embraces a worldview that is both historically Christian and biblical, and that underlies the very concept and origins of the university. We hold that God exists and is the source of all things, all truth, all knowledge, all value, and all wisdom. We hold that God has created an orderly universe according to His design and purpose and for His glory, and that He has created human beings in His image. God is actively at work in the world and history, governing them according to His ultimate purpose. From these foundational principles, it follows that truth exists and that there is a standard of right and wrong. We hold that all of creation is fallen as a result of human sin. Finally, we hold that God has revealed Himself and His ways in the natural created order, in history, in the Bible, and supremely in Jesus Christ. God in love and through the sacrificial work of Jesus Christ is redeeming humans and the entire created order.

At Liberty University, students receive an education that integrates this Christian and biblical worldview. Students trained with this worldview perspective will be equipped with a rational framework for understanding and interpreting reality, for comprehending the meaning of life and the value of humans and things, for making decisions and engaging in meaningful action, for studying the various academic disciplines, and for understanding the interconnectedness of all knowledge

### ***Statement of Student Rights and Responsibilities***

#### **STUDENT RIGHTS**

Liberty University is a Christian academic community in the tradition of evangelical institutions of higher education. As such, Liberty continues the philosophy of education which first gave rise to the university, and which *logically implies the following statement of student rights.*

*The Right to TRUTH.* God, the infinite source of all things, has shown us truth through scripture, nature, history, and above all, in Christ.

*The Right to HUMAN DIGNITY.* Persons are spiritual, rational, moral, social, and physical, created in the image of God. They are, therefore, able to know and to value themselves and other persons, the universe, and God.

*The Right to GROWTH IN COMMUNITY.* Education as the process of teaching and learning, involves the whole person, by developing the knowledge, values, and skills which enable each individual to change freely. Thus it occurs most effectively when both instructor and student are properly related to God and each other through Christ.

#### **STUDENT RESPONSIBILITIES**

As members of the university community, all students have the responsibility to act in a manner consistent with the spirit of the principles articulated in Scripture. Furthermore, all students have the responsibility to know and follow the university conduct regulations contained in the Codes of Conduct appropriate for their academic level. By adhering to these principles and standards of conduct students can enjoy their own rights while also respecting the rights of others.

*Reviewed and Approved June 30, 2015*

## *Introduction to the Campus*

### **AIRPORT ACADEMIC CENTER**

Located 3.4 miles south of Liberty University's campus adjacent to the Lynchburg Regional Airport, the Airport Academic Center is home to the School of Aeronautics. The Airport Academic Center is comprised of three buildings. The 45,000 square foot **Flight Operations Center** is where all in-flight training is conducted and all training aircraft are hangared and maintained. The 24,000 square foot **Aviation Academic Center** is where all aviation related academic classes are taught and all Flight Training Device lessons are flown. Additionally, the first floor is used by the Aviation Maintenance Technician School to teach the general portion of the FAA Aviation Mechanics Certificate. The third building is the 15,000 square foot **Airframe and Powerplant Building** used by the Aviation Maintenance Technician School to teach FAA Airframe and Powerplant related academic and practical lessons leading to FAA licensure.

### **A. L. WILLIAMS STADIUM**

The Flames play NCAA Division I-AA Football on the FieldTurf of Williams Stadium named in honor of Art and Angela Williams, special friends of Liberty University and Flames Athletics.

In January 2010, construction began to expand the original 12,000-seat stadium, built in 1989, to increase seating capacity to 19,200. Completed for the beginning of the 2010 season, the expansion included a five-story football tower featuring a fourth-floor luxury suite concourse and a third-floor club pavilion. The **Club Pavilion** features an 11,000 square-foot hospitality room and outdoor club seating for 770. The new tower houses the Athletics Administrative offices and includes expanded concessions and restrooms, academic center, and media terrace. The tower stands 100-feet tall, and stretches from five-yard line to five-yard line, and is serviced by two elevator shafts.

The **A. L. Williams Football Operations Center (FOC)** was completed in August 2006. The three-story, 48,000-square foot building is located in the North End Zone at Williams Stadium.

The Football Operations Center houses specially-designed weight training equipment in a spacious weight and conditioning area, team locker room, academic lab, equipment room and a cutting-edge athletic training facility.

The top floor of the FOC houses coaching staff and administrative offices, numerous video and conference rooms and a uniquely-designed viewing room that overlooks the North end zone.

### **ARTHUR S. DEMOSS LEARNING CENTER**

The four-story Arthur S. DeMoss Learning Center was originally constructed as a one-story building in 1985. The building is named for Art DeMoss, a former board member and generous benefactor of Liberty University. This facility was constructed to provide for the long-range needs of the campus. It is the focal point of the campus with nearly 500,000 square feet of academic space.

A wall of names on the first floor of the DeMoss Learning Center honors more than 5,000 donors who supported the expansion of DeMoss to the four-story building, completed in 2000.

In June 2008, a fountain standing 19 feet tall and made of hand-carved marble from Italy was completed. The fountain was installed in honor of those donors who supported the expansion of DeMoss. Donors' names will be added to the fountain which features three columns with water cascading from the tops of each. A cast-bronze eagle, Liberty's mascot, perches atop the tallest column.

### **CAMP HYDAWAY**

Scheduled to open fall 2013, the newly renovated Camp Hydaway on Liberty Mountain features a high and low ropes course, a zipline, new beach access for swimming, as well as, outdoor equipment rentals. Students will be able to check out items such as, canoes, kayaks, mountain bikes, ATV's, and fishing and camping gear.

The facility will have room for group meetings and events. The Student Activities department will host multiple Outdoor Recreational events throughout the school year.

### **CENTER FOR CREATION STUDIES**

Established in 1985, the Center for Creation Studies is an interdisciplinary education and research institute committed to the study of the origin of the universe, the earth, life, and species. This study draws upon knowledge from religion, science, philosophy, and history.

The Creation Hall Museum was dedicated in March 2010, to coincide with the 25<sup>th</sup> anniversary of Liberty's Center for Creation Studies. Located in the back hallway of the Arthur S. DeMoss Learning Center, the Creation Hall Museum displays relics of fossils and some of the evidences for Biblical Creation.

### **CENTER FOR JUDAIC STUDIES**

Located in DeMoss Learning Center, the Center for Judaic Studies opened in August 2008. The Executive Director of the Center, Dr. Randall Price, was invited in 2007, by Liberty's Founder and Chancellor, the late Dr. Jerry Falwell, to establish the Center. Dr. Falwell's vision was to continue the recognition that Israel and the Jewish people were part of God's future program and that the Christian response to this in the spiritual and political realm was essential to God's present blessing.

The Center houses a dedicated library of primary, secondary, and periodical sources to serve the specialized needs of students and researchers in the fields of Jewish studies and biblical archaeology.

### **CENTER FOR MEDICAL AND HEALTH SCIENCES**

Completed in spring 2014, this 140,000-square foot, four-story facility will house the College of Osteopathic Medicine and the School of Health Sciences' Master of Public Health Program and administrative offices. This facility includes a comprehensive medical clinic, extensive resource center and library, research center with multiple labs, and state-of-the art simulation and standardized patient education facility. The first class of osteopathic medicine students will matriculate in fall 2014.

### **CLARKSON CLUBHOUSE**

Completed in fall 2014, this 1,200-square foot building serves as the coaching center for the golf team. It features coaching staff office space, player locker rooms and lounges, meeting rooms and a picturesque grand lobby that overlooks the Flames' driving range and putting greens.

### **COMMUNITY GARDEN**

Located on Sunnymede Road, a 15-acre community garden with two greenhouses was presented as an idea in spring 2012 and came to fruition in spring 2013. Half of the crop will be used by cafeteria and the other half will be donated to local charities.

### COOK TENNIS CENTER

Opened in August 2011, the Cook Tennis Center is located adjacent to the 12 NCAA-regulation championship **Hershey-Eshenshade Tennis Courts** which were built in 2009. The 2,500-square foot building houses two locker rooms, training and laundry rooms, a stringing room, four offices for coaches, a kitchen area, team room and a balcony that overlooks the tennis courts.

The lead gift for the Cook Tennis Center was provided by long-time University and Athletics supporters Sherwin and Lora Cook.

### DAVID'S PLACE

David's Place is dedicated to the memory of David A. DeMoss, a gentle and loving young man who died tragically in an automobile accident in January 1988. Formerly Campus East Clubhouse, David's Place provides students with a variety of activities that include a movie theater, heated outdoor pool and deck, computer lab and printing station, billiard tables, video games, flat screen televisions, foosball table and soft seating.

### DISC GOLF COURSE

Located at East Campus, an 18-hole disc golf course opened during the spring of 2010.

### DOC'S DINER

Doc's Diner, constructed in 2008, overlooks Jerry Falwell Parkway (Route 460) on East Campus. Named in honor of Dr. Jerry Falwell, it is the newest campus dining facility. Expected to be a favorite among students, faculty and staff, Doc's Diner is also open to the general public. The menu offers classic diner specialties and a 1940s era atmosphere that is both comfortable and fun.

### EAST ATHLETIC COMPLEX

Constructed in late 2011, this facility serves as the home for the Lady Flames Lacrosse and Field Hockey teams, Men's Volleyball and Club Sports offices, as well as an intramural facility. All three playing surfaces for field hockey, lacrosse, and intramural fields feature state of the art Shaw Sportex<sup>®</sup> turf systems. The adjacent 12,735 square foot structure houses team and training rooms as well as lockers for athletes, visiting teams, and officials.

### EAST CAMPUS VOLLEYBALL FACILITY

During the spring of 2007, the Liberty volleyball program was given a secondary practice facility. The East Campus Volleyball Facility houses the volleyball coaches' offices, a team room, and a gymnasium for practice whenever the Vines Center or Schilling Center is unavailable.

### ELMER L. TOWNS RELIGION HALL

In 2008, the building housing the B. R. Lakin School of Religion was renovated and renamed the Elmer L. Towns Religion Hall. Dr. Towns is the co-founder of Liberty University and Dean of the School of Religion Liberty Baptist Theological Seminary. The central focus of the renovation is the addition of the **Towns-Alumni Lecture Hall**, a 750-seat lecture hall featuring sloped floors, cushioned chairs and state-of-the-art lighting and acoustics, along with the addition of a columned main entrance. This building houses the Center for Youth Ministry and the Center for Global Ministries.

B. R. Lakin was often referred to as "my pastor" by Dr. Jerry Falwell. A display case with artifacts such as Dr. Lakin's saddlebags and Bible from his circuit riding preacher days is a place of reflection for the students.

### EQUESTRIAN CENTER

Established in fall 2011, the Equestrian Center provides students and staff with the opportunity to take part in recreational horse activities, trail rides and the boarding of personal horses. Boarders of all disciplines, breeds and experience levels are welcome.

Located off Lone Jack Road on Liberty University's trail system, the facility includes a barn with eight 12x12 foot rubber matted stalls with private runs, grooming stalls, indoor wash rack with hot and cold water, outdoor wash rack, heated office/student lounge, tack room, feed room, utility room with washer and dryer, and men's and women's restrooms, 30-plus acres of small and large turnout pastures with run in sheds. Also included is a 160x300 foot outdoor arena with sand footing, jumps, cavallettis, ground poles, dressage ring, barrels, and poles, etc.

In spring 2013, the **Astronomical Observatory** located on Liberty Mountain at the Equestrian Center opened to students. The observatory offers a majestic, clear view of the sky and is equipped with a roll-off roof room with several Celestron CPC 800 8-inch Schmidt-Cassegrain telescopes. The observatory features an RC Optical Systems 20-inch Truss Ritchey-Chrétien telescope, which is a high-quality research telescope equipped with a charge-coupled device camera for exceptional photographs.

### GRAND LOBBY

The Grand Lobby of DeMoss Learning Center was completed in Fall 2003. It encompasses 3,600 square feet of floor space and rises 45 feet to a ceiling highlighted by four skylights and a magnificent custom designed chandelier featuring Liberty eagle and flame emblems. Grand staircases on either side of the Lobby ascend to a balcony overlooking the main floor. A brass, inlaid Liberty University Seal adorns the center of the main floor and II Corinthians 3:17, the University verse is displayed in brass on the balcony.

### MARIE F. GREEN HALL

Originally known as Campus North, the Marie F. Green Hall houses the University Chancellor's Office, administrative offices, the Graduate School, Admissions Offices, Student Services (Student Accounts, Financial Aid, and Registrar's Office), Center for Academic Support and Advising Services, Career Center, Bruckner Learning Center, Center for Writing and Languages, Student Affairs, the Office of Christian/Community Service, LaHaye Student Union, Tilley Student Center, Tolsma Indoor Track, the Tower Theater, Cinematic Arts-Zaki Gordon Center, Math Emporium, Post Office, Centra Health Services, Spiritual Life offices, School of Law, and Liberty University Online.

### HANCOCK WELCOME CENTER

Completed in May 2012, the Hancock Welcome Center is a three-story 32,000-square foot facility which feature an impressive atrium, a large boardroom, a theatre, lounges, a banquet hall, several smaller counseling rooms, and a back patio offering a view of the Blue Ridge Mountains. It is located across from the bookstore and Williams Stadium and near the Carter-Glass Mansion and the gravesite of Liberty founder Jerry Falwell, Sr.

The **Visitors Center** provides prospective students and their families with the resources for campus visits as well as student-led tours. It is equipped with the latest technology, such as touchscreen monitors and interactive photo centers to enhance the visitor experience. To view campus maps, take a digital tour of campus, or schedule a visit, access the Visitors Center online at <http://www.liberty.edu/admissions/visitorcenter>.

## HEALTH SERVICES

Liberty University Health Services is provided by the Centra Medical Group. It provides quality medical care to the University community, assisting students, staff and faculty in maintaining and optimizing their health. It is located in Green Hall near the LaHaye Student Union and the University Post Office.

## IVY LAKE

Located in Bedford County, Virginia, Ivy Lake is a 112-acre lake located 15 minutes from the Liberty Campus. In 2010, the lakefront area was renovated to provide a quality beach-front area for students and locals to enjoy. A facility to store the boats used for the Crew club team was also constructed in 2010.

## JERRY FALWELL LIBRARY

The Jerry Falwell Library, completed in fall 2013, is a four-story, 170,000 square-foot structure, providing the latest in technology, resources, services, and amenities for students, faculty, and staff.

The Jerry Falwell Library is the focal point of academic life at Liberty. Strategically located in the center of campus, the library supports instruction, research, productivity, community-building, individual and group study, and other activities relevant to the University's mission. During a visit to the library, students can use computers to conduct online research or do homework; study alone or work on a group project; retrieve books and other library materials; and seek assistance from skilled library and computing staff.

The Jerry Falwell Library collects and organizes resources across a wide range of media, including books, periodicals, audio-visual resources in various formats, musical scores, curriculum, and archival materials. Its physical collections consist of approximately 368,000 volume equivalents and 638 current periodical subscriptions. Digital information resources provided by the library include over 250,000 electronic items and content from more than 75,000 unique full-text journals. The library provides access to more than 400 online research resources.

The computing resources within the library consist of 160 computers housed in a computer learning commons and at stand-up stations throughout the facility. With the exception of machines reserved for library catalog searching, all library computers are pre-loaded with a variety of software titles available for student use, including Microsoft® Office, Adobe® Creative® Suite, Mathematica, and SPSS.

All library computers have a high-speed connection to the Internet. In addition, wireless network signal is available throughout the facility, allowing laptop computer users to access the full array of network resources.

## JERRY FALWELL MEMORIAL GARDEN

In May 2007, Dr. Jerry Falwell, "Godly Father, Husband, Grandfather, Pastor, Christian Educator," as well as Co-founder, President, and Chancellor of Liberty University, went home to be with the Lord. Located in front of Montview, the Carter Glass Mansion, the oval-shaped burial garden contains an eternal flame, a fountain and sidewalks that lead to Dr. Falwell's grave. Also located in the garden, are benches where students can study or reflect, and where visitors, who want to visit the site, can pause to reflect on the life and legacy of Dr. Falwell.

## JERRY FALWELL MUSEUM

Adjacent to the Grand Lobby is the Jerry Falwell Museum, presented and dedicated to Dr. Falwell at his seventieth birthday celebration. This museum was created to preserve and highlight the life and ministry of Liberty's Founder/Chancellor/President. The Museum contains the history of the Falwell family and includes displays and historical documents chronicling each of the ministries.

## LAHAYE ICE CENTER

The LaHaye Ice Center opened in December 2005. The state-of-the-art facility is used by the Liberty University hockey team, students, and the public. Upgrades to the Ice Center in 2008 include a Chancellor's suite and two business suites, a conference room donated by Pete and Cindy Chamberland, and a new public locker room. This facility is named in honor of Tim and Beverly LaHaye, generous supporters and members of the Liberty University Board of Trustees.

## LAHAYE STUDENT UNION

The LaHaye Student Union opened in November 2004. This state-of-the-art facility houses an intercollegiate-size swimming pool, five basketball courts, fitness center, locker rooms, a food court, lounge areas, meeting rooms, and offices. This facility is named in honor of Tim and Beverly LaHaye, generous supporters and members of the Board of Trustees.

The Multi-Purpose Center, originally constructed in 1979, was named the Earl H. Schilling Center in 1995 in honor of Earl and Anne Schilling, long-time donors to the ministry who established a multi-million dollar trust to provide scholarships for training pastors, missionaries, evangelists, and full-time Christian workers. The **Schilling Center** was relocated to the LaHaye Student Union in August 2012, and is used for physical education classes, and additional basketball.

The **Tilley Student Center** opened in September 2008. Adjacent to the LaHaye Student Union, the Student Center provides additional space for student social interaction and activities. The coffeehouse-style setting has a stage for musical performances, televisions, wireless access, comfortable seating and tables as well as a coffee bar. The Student Center was made possible in part by a donation from Thomas and Iris Tilley, long-time supporters of Liberty University and the parents of Becki Falwell, wife of the Chancellor.

The **Thomas Indoor Soccer Center** opened in May 2009. The Thomas Center is comprised of two turf fields partially surrounded by transparent walls and netting. The facility also features a spectator section, multiple televisions and wireless capability.

## LIBERTY MOUNTAIN CONFERENCE CENTER

Located adjacent to Green Hall, the Liberty Mountain Conference Center held its grand opening in June 2011. This facility is more than 13,000-square feet, has a maximum occupancy of 400, and consists of two 125-seat rooms and six 24-seat rooms. The facility is Wi-Fi enabled and each room has monitor projection systems.

## LIBERTY MOUNTAIN INTRAMURAL SPORTS COMPLEX

The newest recreational facility was completed on East Campus in fall 2012. It consists of four distinct areas. A 220,000 square foot, multi-purpose turf area is home to flag football, softball and ultimate Frisbee. A natural grass, recreational softball field sits next to the turf area. Due to the enormous popularity of the sand volleyball courts built in spring semester 2012, four additional courts were added to make a total of eight courts at Liberty University.

Also part of the complex is a sand training area known as "The Patch," a large sand pit and training course similar to those used by Navy SEALs at the Naval Special Warfare Center in Coronado, CA.

### **LIBERTY MOUNTAIN SNOWFLEX® CENTRE**

Snowflex® is a multi-layer, synthetic material that uses small misting devices to provide moisture that simulates the slip and grip effects of real snow, allowing maximum speed and edge control for making turns. The Liberty Mountain Snowflex Centre, opened in August 2009, consists of two main distinct ski runs. This includes a beginner slope, intermediate slope, advanced slope, terrain park, a 260-foot tubing run, and gravity park for air awareness training. The 550-foot terrain run has three jumps with a quarter pipe at the bottom, and a 550-foot ski slope with multiple rail features for all levels.

The **Barrick-Falwell Ski Lodge**, incorporates the look and feel of a mountain chalet complete with a wildlife trophy collection donated by Dr. Al Barrick, houses the ticketing and rental area on the lower level. Visitors can enjoy concessions and a scenic view of the ski slope and campus from the second level. The Liberty Mountain Snowflex Centre is open year-round for University and public access.

### **LIBERTY UNIVERSITY BASEBALL STADIUM**

Opened in February 2013, the Liberty Baseball Stadium has chair back seating for 2,500 spectators, with additional seating available on grass areas down each line. The complex features two suites, a club room, a spectator picnic area with a playground and firepit, and a modern media area. The stadium's media space accommodates up to 40 media members, with a 24-seat press box, a television booth, visitor and home radio booths, an operations suite, and storage.

The facility has a turf playing surface, along with full-length, major-league type dugouts, and areas for concessions and ticketing. When completed, the complex will become the operations center for Liberty baseball, housing the program's offices and team room overlooking the playing field. Four indoor batting tunnels and a weight room will also be included.

### **LIBERTY UNIVERSITY BOOKSTORE**

Completed in May 2009, Barnes and Noble opened a free-standing campus bookstore located adjacent to Williams Stadium on University Blvd.

### **LIBERTY UNIVERSITY MONOGRAM**

Placed high on the side of Liberty Mountain, beckoning students, alumni, and visitors to Lynchburg and Liberty University is a new landmark, the Liberty University Monogram. The monogram covers three acres, and was made using over two hundred tons of stone, white gabion and red brick chips. Twelve hundred plants are strategically placed to make up the letters. Directly above the Monogram, on top of the mountain, sits a white gazebo that offers magnificent views of the city and surrounding areas, and a place to rest after hiking, biking or running on the thirty miles of trails that cover the mountain.

### **LIBERTY UNIVERSITY RESIDENTIAL ANNEX**

Located off Route 29 on Odd Fellows Road, two former hotel properties comprise the Liberty University Residential Annex. The Residential Annex houses students, provides conference center space for Liberty University Online intensive courses, and houses the Department of Ministry Teams. Food options available at the Residential Annex include Crave Café and the Hill City Bistro. The facility is serviced by a dedicated bus route throughout the academic year.

### **LUURTSEMA CENTER**

Completed in August 2010, this 5,000 square foot, two-floor center was named after William and Wanda Luurtsema, who

provided a generous donation to the project. The building includes offices for the men's and women's soccer, track and field, swimming, and lacrosse programs. In addition to offices, the building also contains four locker rooms, a training room, a laundry area and team rooms.

The Liberty Women's Soccer locker room was provided by a generous donation from the Tyson family, relatives of former Liberty women's soccer player Brittany Tyson.

### **MATTHES-HOPKINS OUTDOOR TRACK COMPLEX**

In 1989, a first-rate outdoor track was completed in honor of Jake Matthes, Liberty's first track coach, and Ron Hopkins, the first women's track coach. The facility includes an eight-lane, 400 meter polyurethane track as well as four long jump/triple jump pits, three pole vault runways, a high jump apron, two javelin runways, two shot put rings and a hammer/discus cage.

Expanded and renovated in fall 2009, the soccer and outdoor track and field facility was named **Osborne Stadium** for Liberty alumni, Richard and Karin Osborne, who gave the lead donation for the complex project. Improvements to the facility include 1,000 chair back seats, press box, 5,000 square-foot Soccer and Track Operations Center, scoreboard, and brick and wrought iron fencing.

### **"MONTVIEW" CARTER GLASS MANSION**

Montview Mansion, listed on the National Register of Historic Places in 1987, is one of two original buildings still remaining on the campus, and overlooks a beautiful view of the Blue Ridge Mountains. Built in 1923, it is also known as the Carter-Glass Mansion, the home of Senator Carter Glass, Secretary of the Treasury under Woodrow Wilson, and his wife.

Following the passing of Dr. Jerry Falwell, Montview was restored to how it might have looked during the 1920s – 1940s. Dr. Falwell's Chancellor's Office has been left exactly as it was the day he passed away. Visitors can also see his conference room which serves as a small museum illustrating the life of Dr. Falwell.

The Senator's home office has been restored and the upstairs bedrooms each with its own bath have been restored. Additional first floor rooms are used for receptions, meetings and luncheons.

In Fall 2009, a marble mantle that was in the U.S. Capitol, and which was also in the Carter-Glass Mansion in the 1920s was returned to Montview. It is now at home in the Mansion's dining room.

Montview Mansion is open to the public and tours are given daily from 8:00 AM to 5:00 PM and by appointment on the weekends. Tours can be scheduled by calling 434-582-7678.

### **PAINTBALL BATTLEFIELD**

Located at East Campus, the complex consists of two fields with a retractable netting system made with a protective mesh.

### **PERFORMING ARTS HALL**

As part of the center quad of classroom buildings, the Performing Arts Hall serves the music needs of the University. Several practice rooms, and a recital hall for student and faculty performances are in this building. In 2010, the Lloyd Auditorium was renovated for use by the Liberty University Marching Band. Many hours of practice take place in the band room for both vocal and instrumental ensembles. The award-winning Spirit of the Mountain Marching Band has performed before nationally televised audiences, which include an NFL football game and the Macy's Thanksgiving Day Parade.

An annex of the Performing Arts Hall is the Telecommunications wing which houses our campus radio station (WWMC-The Light, C91) and the Rhodes TV studio.

**R. C. WORLEY PRAYER CHAPEL**

The R. C. Worley Prayer Chapel was built in 1981 and named in memory of Mr. Worley, a great prayer warrior, soul winner, and member of Thomas Road Baptist Church. Known for his humility, Mr. Worley often said, “I am just a clay vessel that God uses.”

A Liberty University landmark, the chapel is used daily and serves as a quiet place for prayer, ministry meetings and small weddings.

**REBER–THOMAS DINING HALL**

Renovations in 2007 and 2008, have significantly improved this building originally constructed more than 15 years ago. Students enjoy meals in this “totally renovated, state-of-the-art student restaurant” that has a stunning design and edgy style with track lighting, booths, benches, new flooring and a new atrium. It features favorite cuisines including, Italian and Mexican items as well as a salads for the health-conscious individual, and home-style meals just like “mom used to make”. This building includes an Executive Dining Room for administrative and faculty functions. In 2011, a wing for catering and expanded food storage was added. Bistro '71, a grab-and-go location was also added adjacent to the dining hall.

**RIVER RIDGE FACILITY**

Acquired in 2013, the River Ridge Facility was formerly the Sears building in the River Ridge Mall. The 112,000 square-foot building, with 700 parking spaces, will be used in the short term to house Liberty’s non-academic departments, such as: Liberty University Online Call Center, Financial Aid Call Center, Resident Enrollment, ROTC Indoor Drill Field, and some Information Technology departments, freeing up space for several academic departments to relocate while buildings are demolished and new facilities are built.

**SCIENCE HALL**

The Science Hall was the first building erected on Liberty Mountain in 1977. As connoted by its name, the Science Hall houses science classrooms and labs for biology, chemistry, family and consumer sciences, physical science, and physics.

**THE SPORTS RACKET**

Donated to Liberty University in March 2011 by the Cook family, The Sports Racket gives Liberty top-notch facilities for both indoor and outdoor play just 15 minutes from campus. Located at 118 Davis Cup Road in Lynchburg, the facility has five indoor tennis courts, five racquetball courts, five outdoor tennis courts, a gym with several treadmills and weight equipment. The facility is home to the Liberty University Racquetball Team Club.

**(OLD) THOMAS ROAD BAPTIST CHURCH**

In 2012, Liberty University purchased the site of the former Thomas Road Baptist Church (TRBC), the original birthplace of Liberty University. Liberty University Baptist Theological Seminary and the Center for Counseling and Family Studies have been temporarily relocated to this site during campus construction projects. The Center for Curriculum Development is also located at this site. Renovations are currently taking place, including restoring four areas once used as sanctuaries, to their original state.

**TOLSMA INDOOR TRACK AND CONFERENCE CENTER**

The Tolsma Indoor Track and Conference Center is located in Green Hall. The Center features a flat 200-meter Mondo surface. It has a wide radius, a four-lane oval and an eight-lane, 60-meter straightway. Located inside of the complex are two long/triple jump runways, a pole vault runway and a high jump apron, with all

the apparatuses being permanent and having a Mondo surface. The FinishLynx timing system greatly increases the ability to host high level meets at the facility. The Center will also serve as a conference and convention center.

**TOWER THEATER**

Located in Green Hall, the Tower Theater was completed in July 2010. This contemporary-style 640-seat theater consists of balcony seating, an orchestra pit, catwalks, a fly tower, a box office and 12,000 square feet of support area that includes dressing rooms, a practice room, offices, costume shop, prop room and woodworking and scene shops.

**VINES CENTER**

Built in 1990, this 8,500-seat, silver-domed Lynchburg landmark, also known as “The Furnace,” became the home of the Flames basketball teams. It is also the location of weekly convocation services, and several large conference and concert events each year.

In 2012, a new center-hung video scoreboard was installed. The four-sided board contains four LED high-definition video displays, each approximately 9 feet high and 16 feet wide.

**VINES PRACTICE FACILITY**

A new men’s and women’s Basketball Practice Facility was completed in spring 2013. Located behind the Vines Center, this facility features three courts and sixteen goals.

**WRVL VICTORY FM (88.3)**

Located in the Liberty University Candler’s Mountain Shopping Center is the Radio Voice of Liberty, WRVL, a non-commercial broadcast radio station. WRVL airs the Flames Sport Network, local weather, music, and top Christian radio programs.

**WTLU – THE LIBERTY CHANNEL**

The Liberty channel was born as an extension of WTLU in Lynchburg, Virginia. This 24/7 commercial station broadcasts from the campus of Liberty University and has served viewers in Central Virginia since 1991.

**WWMC – THE LIGHT (90.9 FM)**

WWMC is a top 40 Christian, student-operated music station on the campus of Liberty University. The Light broadcasts 24 hours a day and is an affiliate of Christian Hit Radio. In addition to music programming the Light also broadcasts news and sports, including Liberty University Athletics.

**MASTER PLAN**

Liberty University has many ongoing and future projects underway. The Master Plan can be accessed online at <http://www.liberty.edu/masterplan>.

**CAMPUS MAP**

Liberty University’s campus can be viewed online at <http://www.liberty.edu/maps>.

# Liberty University Online

## MISSION

The mission of Liberty University Online is to provide Liberty University courses and programs through non-traditional delivery systems. While Liberty University Online and residential course offerings may differ due to distinctions in student profiles and methodologies of instruction, the residential and Liberty University Online courses and programs are comparable in range, goals and purpose.

## HISTORY

Founded in 1985, as the Liberty University School of Lifelong Learning (LUSLL), the distance learning program was designed to bring an accredited University program to non-traditional learners at home, military personnel, and Christian school teachers seeking certification from the Association of Christian Schools International (ACSI). The courses were adapted from those offered on the University campus and the initial programs offered were the A.A. in Religion, B.S. in Church Ministries, and M.A. in Counseling.

The initial goal to provide quality Christian education to students around the world has remained intact. Currently, Liberty University Online services over 90,000 students across the globe in degree programs ranging from certificate programs, diploma programs in Biblical Studies to doctoral programs in Business, Counseling, Education and the Seminary.

Using innovative methods, students can take classes without having to relocate. The same quality courses that are offered on the Lynchburg campus are made available to our Liberty University Online students in the convenience of their own homes. Courses are also offered in an intensive format a number of times throughout the year.

## INSTRUCTIONAL DELIVERY METHODS

Liberty University Online offers its courses through several delivery methods. The University has adopted Blackboard®, an online software platform, as its primary delivery method. Students can access individual lessons, have interaction with other students taking the same course, utilize links to online resources, view supplemental streaming video clips, and receive direct feedback from their professors using this innovative means of delivery. Students may also be required to purchase video tapes or DVDs for select courses. Video, printed, and online learning tools help ensure that students have a learning opportunity available to them that equals or surpasses the traditional classroom model.

## STRUCTURE

Currently, Liberty University Online offers courses in an eight-week format with multiple entry dates throughout the year (see academic calendar). Some courses are offered in a 14- to 17-week format (with one entry date per semester) in which students may enroll at the beginning of each term. Students will need to show consistent progress throughout their coursework in order to maintain good academic standing. Liberty provides students with tools for success. However, students must manage their time and resources to take advantage of these tools.

## DEGREE PROGRAM FORMAT

With the online delivery format [distance education] courses in a program are delivered in a virtual classroom experience that is flexible, personal and challenging. Through the online format a student can earn a degree entirely online. Some programs require that a minimum number of courses be taken face-to-face on campus.

## TESTING

Liberty University Online students take timed tests online and receive immediate feedback and test results. Essay exams and papers are also submitted online, graded by the course instructor and returned to the student. Portions of assigned work are used to facilitate student-to-student interaction. The interaction is often included as an element in student grading.

## COURSE MATERIALS

Students are strongly encouraged to purchase all course materials from MBS Direct. Purchases can be made online by accessing the web page at <http://www.mbsdirect.net/liberty> or by calling 1-800-325-3252. Students should purchase materials after registration but prior to the sub-term start date (course activation). Liberty does not guarantee that required course materials will be available after the sub-term start date.

Course materials may be charged to the student's account by means of the online book voucher system, if the student has a credit on their student account. Tuition does not cover the cost of course materials.

## BASIC REGULATIONS

The Administration and Faculty have committed Liberty to the highest standards of moral and ethical conduct. No one will become spiritual merely by observing rules; nonetheless, the spiritual student will desire to abide by the rules, regulations, and policies. The student who is not prepared to accept instruction will never be prepared to give instruction. Liberty holds as one of its foremost goals the development of men and women of strong character. Firm moral conviction and dependable self-discipline are as important as academic competence.

All students enrolled in Liberty University Online are subject to the Liberty University Online Code of Honor and Personal Code of Honor. Please see the Academic Information and Policies – Online Programs section of this Catalog for more information.

## IMPORTANT INFORMATION REGARDING LICENSURE-BASED DEGREE PROGRAMS, INTERNSHIPS AND CLINICAL PLACEMENTS

Students who are pursuing degrees leading to application for professional licensure or certification, and/or who will be participating in clinical placements, internships, or practica through their Liberty University program should be aware that a criminal background check, finger printing, or drug screening may be required by Liberty University and/or the host facility.

### *Internships, Practica, and Clinical Placements*

In such situations, each student is responsible for obtaining and paying for the background check or other screening process and for delivering required documentation to the facility. Although the university will make reasonable efforts to place admitted students in field experiences and internship, it will be up to the host facility to determine whether a student will be allowed to work at that facility.

### *Licensure-Based Degree Programs*

Students in licensure-based degree programs are responsible for understanding the requirements of the program by becoming thoroughly familiar with the Degree Completion Plan (DCP) and the academic school's web page that outlines degree requirements.

Students should further be aware that a criminal record may jeopardize licensure by the State certification body. Students seeking licensure are urged to contact the relevant licensing agency to determine the licensing requirements for the jurisdiction. Successful completion of a program of study at Liberty University does not guarantee licensure, certification, or employment in the relevant occupation.

## *Liberty University Online* *Academic Calendar 2014– 2015*

The Liberty University Online academic school year consists of three terms: fall, spring, and summer. Terms consist of three eight-week sub-terms (B, C & D), and one semester-long sub-term (A) which can range from fourteen to seventeen weeks in length. Additionally, intensive courses of varying frequency are offered in each term (J). View the Liberty University Online Academic Calendar at: <http://www.liberty.edu/online/academic-calendar/>.

### Fall Semester 2014 – 17-week and 8-week (2014-40)

*Registration for Fall 2014 opens May 28, 2014*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop Period	Start Date	End Date (Last Day to Withdraw)	Grades Due
2014	40	J	7/23/14	8/06/14	8/11/14	8/12/14	8/12-17, 2014	8/18/14	12/12/14	12/19/2014
2014	40	A	7/23/14	8/06/14	8/11/14	8/12/14	8/12-17, 2014	8/18/14	12/12/14	12/19/2014
2014	40	B	7/23/14	8/06/14	8/11/14	8/12/14	8/12-17, 2014	8/18/14	10/10/14	10/22/2014
2014	40	C	8/20/14	9/03/14	9/08/14	9/09/14	9/09-14, 2014	9/15/14	11/07/14	11/19/2014
2014	40	D	9/24/14	10/08/14	10/13/14	10/14/14	10/14-19, 2014	10/20/14	12/12/14	12/19/2014

### Winter Semester 2014 – Winter Intensives (2015-10)

*Registration for Winter 2014 opens September 24, 2014*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop Period	Start Date	End Date (Last Day to Withdraw)	Grades Due
2015	10	J						12/13/14	1/11/15	3/18/2015

### Spring Semester 2015 – 17-week and 8-week (2015-20)

*Registration for Spring 2015 opens September 24, 2014*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop Period	Start Date	End Date (Last Day to Withdraw)	Grades Due
2015	20	J	12/17/14	12/31/14	1/05/15	Various	Various	1/12/15	5/08/15	5/15/2015
2015	20	A	12/17/14	12/31/14	1/05/15	1/06/15	1/06-11, 2015	1/12/15	5/08/15	5/20/2015
2015	20	B	12/17/14	12/31/14	1/05/15	1/06/15	1/06-11, 2015	1/12/15	3/06/15	3/18/2015
2015	20	C	1/14/15	1/28/15	2/02/15	2/03/15	2/03-08, 2015	2/09/15	4/03/15	4/15/2015
2015	20	D	2/18/15	3/04/15	3/09/15	3/10/15	3/10-15, 2015	3/16/15	5/08/15	5/20/2015

### Summer Semester 2015 – 14-week and 8-week (2015-30)

*Registration for Summer 2015 opens February 18, 2015*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop Period	Start Date	End Date (Last Day to Withdraw)	Grades Due
2015	30	J				Various	Various	5/11/15	8/21/15	9/02/2015
2015	30	A	4/15/15	4/29/15	5/04/15	5/05/15	5/05-10, 2015	5/11/15	8/21/15	9/02/2015
2015	30	B	4/15/15	4/29/15	5/04/15	5/05/15	5/05-10, 2015	5/11/15	7/03/15	7/15/2015
2015	30	D	6/03/15	6/17/15	6/22/15	6/23/15	6/23-28, 2015	6/29/15	8/21/15	9/02/2015

**Please note:** Course offerings are limited in Terms A and C

#### TUITION RECALCULATION

If a student registers full time and subsequently withdraws from one or more courses which results in their remaining enrollment changing from full-time to part-time, they will be charged the part-time tuition rate for the remaining courses in that semester. If the new tuition rate results in a balance, the student is responsible for making payment.

- Undergraduate students enrolled in less than 12 hours in a semester constitutes part time status
- Graduate students enrolled in less than 9 hours in a semester constitutes part time status
- Doctoral students enrolled in less than 6 hours in a semester constitutes part time status



## *Admissions – Resident Program*

**Chris E. Johnson, B.S., M.B.A.**

*Senior Vice President for Enrollment Management*

**Larry D. Hoezee, B.A., M.A., Ph.D.**

*Executive Director of Resident Enrollment Management*

**William Wegert, B.S., M.S., M.Div., D.Min.**

*Dean of International Student Programs*

*Director of Resident Graduate Admissions*

**Terrell L. Elam, B.S., M.Ed., Ph.D.**

*Director of Resident Admissions*

**Theresa Dunbar**

*Director of Parent and Family Connections*

**Susana Leon, B.S.**

*Director of Recruitment*

### **General Requirements**

Admission to Liberty University's undergraduate program is governed by policies and procedures developed by the Senate Committee on Academic and Admissions Standards.

The mission of Liberty University is to develop Christ-centered men and women with the values, knowledge, and skills essential to impact the world. We expect that our students understand and respect our mission and purpose while enrolled at Liberty University.

The Liberty University resident undergraduate admissions department operates on a rolling admission basis. This policy means that we do not have a final deadline for applications to be considered and will consider each applicant on a case by case basis. However, we do have a priority deadline for submission and it is recommended that applicants strongly consider adhering to that deadline as the majority of our applications are received by that date.

Prospective students are assessed according to academic background; personal moral behavior and character; personal philosophy; and willingness to follow Liberty's rules, regulations, and policies. In the consideration process, the applicant's complete prior academic record, recommendations, plans for the future, and personal information will be reviewed upon request. Applicants meeting the required standards in these areas may be admitted to one of the academic terms at the University.

Applicants for admission will be considered without regard to race, color, gender, national or ethnic origin, religion, age, or disability.

The University reserves the right to refuse or revoke admission or readmission to any prospective student or returning student. Any applicant who intentionally withholds pertinent information or who falsifies information may be required to withdraw from Liberty.

The regulations listed herein are subject to change after the date of publication through established procedures. Liberty University reserves the right to make necessary changes without further notice.

### **CONTACT INFORMATION**

Prospective students who wish to speak to an admissions counselor about the admissions process or admission policies may do so by contacting our Resident Admissions office.

#### **Resident Admissions Office:**

Phone: 800-543-5317

Fax: 800-542-2311

Email: [admissions@liberty.edu](mailto:admissions@liberty.edu)

Websites: [www.libertyu.com](http://www.libertyu.com); [www.liberty.edu](http://www.liberty.edu)

### **Hours of Operation:**

M–F 8:00 a.m. – 9:00 p.m. EST

SAT 10:00 a.m. – 6:00 p.m. EST

### **Mailing Address:**

Liberty University

Attn: Resident Admissions Office

1971 University Blvd.

Lynchburg, Virginia 24515

Prospective students are encouraged to apply online at [www.libertyu.com](http://www.libertyu.com) or [www.liberty.edu](http://www.liberty.edu). Applicants may mail the application to the appropriate address as listed above.

### **Parent and Family Connections**

The Parent and Family Connections Office provides communication between the University and parents of Liberty University students in order to support student success, generate goodwill for the University, and promote an appropriate role for parents within the campus community.

Additional information on events and services is provided online at [www.liberty.edu/parents](http://www.liberty.edu/parents).

### **Application for Admission**

In addition to the admissions application and essay, the Admissions Committee will consider the following that are applicable: high school transcripts, college transcripts, GED score, and SAT I or ACT scores. The University retains the right to make an admission decision based on any of the previously listed documents. The university also reserves the right to withdraw an application for admission after 60 days of inactivity.

### **ITEMS TO BE SUBMITTED**

1. **Application Fee – \$40.00 (non-refundable, non-transferable)**
2. **Academic Records**

Prior to matriculation, applicants must submit an official transcript (see below for details) from an accredited high school or an official transcript of the General Educational Development (GED) test scores. Applicants with prior college coursework must submit official transcripts from all colleges attended.

To be considered complete, a high school transcript must meet the following minimum requirements:

- a. **Preliminary transcript** – must reflect all coursework and final grades received for grades 9-11, an overall grade point average (GPA), and should be signed by the school administrator.
- b. **Final transcript** – must reflect all coursework and final grades received for grades 9-12, must list graduation date, an overall GPA, and must be signed by the school administrator.

In lieu of a final transcript, Liberty University will accept a preliminary transcript. A self-certification of high school graduation or a final high school transcript will be required to continue the program beyond the first semester.

In addition, some high school and college transcripts may be waived if they are unobtainable due to circumstances as determined by the Resident Admissions Office.

Official transcripts of the final high school or college records must be requested directly from the educational institution and sent to the Resident Admissions Office. An official high school or homeschool transcript is defined as a transcript received in a sealed envelope with the school's address.

In addition, the final high school transcript or GED is considered official if it is faxed by the high school or GED center itself, and received by the Resident Admissions Office. In order to be considered official, the transcript must be stamped official by the Resident Admissions Office, after confirming receipt with the issuing high school or homeschool.

Although the University does not require specific high school courses for admission, successful applicants usually have completed at least 4 years of English, 2–3 years of college preparatory mathematics, 2 years of laboratory science, 2 years of social science, 2 years of foreign language, and at least 4 units of elective credits in subjects such as art, music, or drama. This curriculum prepares one for the classroom expectations at Liberty University.

Liberty University's minimum unweighted Grade Point Average (GPA) is 2.00 on a 4.00 scale, however, meeting this minimum standard does not guarantee acceptance. All transcripts are converted to a 4.00 scale. Applicants who fail to meet the minimum required GPA will be evaluated on other indicators of ability to perform satisfactorily at the college level and may be admitted on Academic Caution or Probation. All students accepted on Academic Caution or Probation status will be limited to 12 to 14 semester hours of coursework including:

MENT 100 – *Foundations for Academic Success* or  
CLST 101 – *College Learning Strategies*

These courses are designed to help students develop reading and study strategies necessary for success in college.

### 3. Test Scores

All applicants, age 21 or younger, must submit official copies of test results from either the Scholastic Aptitude Test (SAT) or the American College Testing (ACT) exam. Liberty University does not recognize the essay portion of the SAT or ACT exam for acceptance decision purposes. SAT scores are based on Critical Reading and Math portions only. Liberty University's minimum scores are 800 (combined) for the SAT and 17 (composite) for the ACT; however, meeting these minimum standards does not guarantee acceptance. The best scores from multiple exams will be combined for admissions purposes. The SAT and ACT is not required for students 22 or older. Applicants who fail to meet the minimum required scores may have their application rejected or will be evaluated on other indicators of ability to perform satisfactorily at the college level and may be admitted on Academic Caution or Probation. Scores will be used for academic counseling and placement. SAT Subject tests are not acceptable. Test scores may be waived if they are unobtainable due to circumstances as determined by the Resident Admissions Office.

Information on the SAT may be obtained via the Internet at <http://www.collegeboard.org> or by writing to: The College Board; SAT Program; 11955 Democracy Drive, Reston, VA 20190. Information on the ACT may be obtained via the Internet at [www.act.org](http://www.act.org) or by writing to: The American College Testing Program; 2727 Scott Road; P.O. Box 414; Iowa City, Iowa 52243.

Liberty's Institutional Codes are 5385 for the SAT and 4364 for the ACT.

### 4. Essay

All resident applicants must submit an essay between 200 and 400 words describing how their personal faith and beliefs will allow them to contribute to Liberty University's mission of developing Christ-centered leaders.

### 5. Other Documentation

If the Admissions Committee determines that additional information is needed in order to make a determination on the applicant's status, the applicant may be required to submit letters of recommendation or other relevant documentation such as a guidance counselor letter.

### 6. Priority Deadlines for Admissions Process

#### Resident Program:

- **Fall:**
  - Application January 31
  - Accept and Confirm February 28
  - Financial Check-in April 30
  - Course Registration May 31
- **Spring:** Application November 1

### *Developmental Courses*

The University offers nine developmental courses to students who need assistance with some of the basic skills required in order to be successful in college. Based upon a placement assessment that combines SAT, ACT, and High School GPA, if they are accepted on Academic Caution or Probation or if they cannot provide test scores, students may be required to complete the appropriate developmental courses listed below:

1. MENT 100 – *Foundations for Academic Success*.  
This course is designed to assist students in their academic adjustment to college. There is a focus on learning and application of study strategies and self-management skills. In addition, emphasis is placed on community and accountability which provide the foundation for academic success.
2. MENT 101 – *Mentoring for University Transition*.  
This course is designed to provide instruction in study strategies and life skills basic to the successful transition to the university. Within a small group setting, instructors will mentor students in their understanding and application of these concepts.
3. CLST 101 – *College Learning Strategies*.  
This course is designed to equip students with the study strategies necessary for success at the college level. It teaches self-management skills such as organization and time management, as well as learning strategies including memory and test-taking. Students are also encouraged to discover their individual learning styles, while incorporating practical application techniques.
4. CLST 102 – *College Reading Improvement*.  
This course is designed to teach students the essential reading skills necessary to improve their ability to comprehend the material contained in college textbooks. Topics include analytical reading, critical reading, and vocabulary development.
5. CLST 103 – *Individualized Laboratory in Reading and Study Strategies*.  
This course is an individualized program in reading and study strategies based on students' goals and assessed needs. The varied curriculum focuses on academic, personal, and/or spiritual domains. It is delivered in a lab format with faculty/student interaction.

6. CLST 105 – *Strategies for the Application of College Learning Skills.*

This course provides strategies that will enable students to apply college learning skills to their current courses. It incorporates one-on-one mentoring, as well as weekly accountability. It is designed to foster an awareness of current academic progress and to encourage the motivation and responsibility necessary for academic success.

7. ENGL 100 / ESOL 100 – *Basic Composition.*

These courses are available to students who do not have a strong back-ground in English grammar and basic composition. ESOL 100 is designed for students whose native language is not English.

8. MATH 100 – *Fundamentals of Mathematics.*

This course is offered to students who do not have strong math skills. The course is a review of arithmetic and elementary algebra.

9. MATH 110 – *Intermediate Algebra.*

This course is offered to resident students who do not have the algebra skills required for a college-level math course. Topics reviewed include exponents, factoring, graphing, equations, and rational expressions.

**HOMESCHOOL APPLICANTS**

The University recognizes that the academic records of home-educated students vary widely. However, records of academic work plus any evaluations or grades awarded by the parent or other evaluator must be included on the academic records to properly evaluate the applicant’s eligibility for college-work.

*Homeschooled applicants* must submit the above requirements plus:

- a. Verification that they have completed a secondary school education. This requirement may be satisfied by a statement signed by the parent or guardian, a home-education diploma, or a graduation date posted on the home education records.
- b. Verification that the home education was carried out in compliance with applicable commonwealth or state laws. The form of this documentation will vary depending on the state statutes governing home education. The documentation may be a letter from the local school board or public school superintendent, a letter from an umbrella school, or a signed affidavit from the parent or guardian.

**NOTE:** See <http://www.liberty.edu/homeschool> for a sample home school transcript. (Do not submit portfolios, photocopies of awards, or photographs of school projects.)

**TRANSFER STUDENTS**

Transfer applicants must complete all of the forms that are listed for the initial application procedure. However, undergraduate transfer applicants who earn an Associate’s degree from an accredited institution do not need to submit standardized test scores except when specifically requested to do so by the University.

A copy of the official transcript from each college or university that the transfer applicant attended must be sent directly to the Registrar’s Office from the Registrar(s) of the respective institution(s) of higher learning.

All students who intend to transfer to Liberty must be eligible for readmission at the last institution attended. The record is reviewed based on Liberty’s scholastic regulations. Any applicant whose GPA does not meet Liberty’s scholastic standards, even though the applicant may not have been placed on Academic Caution or Probation at the last school attended, may be denied or placed on Academic Caution or Probation.

**TRANSFER OF CREDITS**

Only courses and degrees from a regionally accredited institution or those nationally accredited by accrediting agencies recognized by the U.S. Department of Education (e.g., SACSCOC, TRACS, ABHE, etc.) will be evaluated for transfer of credit. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Registrar’s Office at Liberty University. These transcripts should be received before an admission decision will be made.

Credit will be accepted for those courses that are equivalent to courses offered at Liberty in which applicants have made a grade of C or better. Transcripts are evaluated by the Registrar’s Office under the guidelines established by the Senate Committee on Academic and Admissions Standards.

Undergraduate credit may be allowed for courses completed at military service schools if this credit is recommended in *A Guide to the Evaluation of Educational Experiences in the Armed Services* (ACE Guide). The work must also be applicable to the student’s program of study.

Internship credit is not transferable.

**MILITARY EVALUATIONS**

Liberty University will evaluate students’ prior military experience and develop a degree plan for each student to follow. Evaluations will be based solely upon the recommendations of the American Council of Education (ACE) guidebook, *A Guide to the Evaluation of Educational Experiences in the Armed Services*. Military applicants should send in military transcripts or documentation from their particular branch of service. If those documents are unavailable, applicants should submit a copy of their DD214, 2-1, 2A, or DD295 for evaluation.

**ADMISSION NOTIFICATION**

Once a file has been reviewed and evaluated, applicants will be notified as to their admission status. Notification of admission to the resident program at the University is indicative of student status and, therefore, charges are at the resident rate regardless of course delivery method (on-campus classroom, online, etc.). Following notification of acceptance, applicants will receive information relating to financial check-in, housing selection, and course registration.

**CONFIRMATION DEPOSIT**

New students who decide to attend Liberty University must submit a \$250 Confirmation Deposit. This deposit secures any available institutional grants or scholarships; however, only completion of Financial Check-In ensures the availability of a class schedule and housing assignment. The \$250 Confirmation Deposit may be submitted online at [www.libertyu.com/Confirm](http://www.libertyu.com/Confirm) or can be mailed with a completed Confirmation Deposit Form to: Liberty University Resident Admissions Office; 1971 University Blvd.; Lynchburg, Virginia 24502. This deposit will be credited to the student’s account as a deposit toward the upcoming semester.

Should the student decide not to attend, the University must be notified in writing with a Confirmation Deposit refund request by May 1 of each academic year for those who confirmed for fall term, and by December 1 for those who confirmed for spring term. After these deadlines, the \$250 confirmation deposit is nonrefundable and non-transferable. The credit, however, may be deferred up to one academic year should the student be able to attend in a subsequent semester. Deposited students who change their intended entrance year will be held to the refund deadlines and policies of the original intended entrance year. Students who are late in applying and/or who do not confirm until after the refund deadline are still subject to the same policy.

### HEALTH RECORD

All accepted resident applicants who have submitted a deposit must also complete and submit an online Health Form through their Liberty ASIST account. This form does not need to be submitted prior to acceptance. Any accepted applicant who withholds pertinent health information may be required to withdraw from the University.

### EARLY ADMISSION PROGRAM

The University will admit qualified high school seniors who have not yet graduated and who would like to complete their senior course requirements at the college level. If accepted, these applicants will be limited to a 13-hour course load per semester. These high school requirements must be completed within one academic year subsequent to enrollment at Liberty University. Students in this program are ineligible for federal financial aid until they have satisfactorily completed the high school requirement. Full time Liberty University students may benefit from institutional aid, as qualified. The applicant must meet the following requirements:

1. Cumulative GPA of 3.50 or higher in grades 9–11;
2. A minimum combined score range (verbal and mathematics) of 900-930 on SAT I or a minimum composite score of 19 on the ACT;
3. Enrollment in a college preparatory track;
4. If homeschooled, submission of verification that the home education was carried out in compliance with applicable commonwealth or state laws;
5. Submission of an Early Admission Certification form; or, if homeschooled, submission of a letter of recommendation from the parent/teacher; and
6. Submission of a regular Liberty University application with all required support documentation.

### *The University Honors Program*

**James H. Nutter, B.A., M.A., M.Ed., D.A.**

*Director, Honors Program*

*Professor of English and Quiz Bowl Coach*

If you participated in Gifted and Talented programs in high school or if you are academically talented and serious about your studies and seek to be appropriately challenged, you should consider the academic enrichment of our Honors Program along with its merit-based Honors scholarship (\$4,000).

Additional academic scholarships are available for National Merit Finalists (full tuition, room, and board), National Merit Semi-Finalists (full tuition), and National Merit Commended students (full tuition) who participate in the Honors Program.

The University Honors Program is designed to provide highly motivated students of above average ability the opportunity to achieve their highest intellectual and creative potential through a combination of homogenous honors seminars in general education course work and independent honors petitioned projects within the students' major fields of study. Honors students also complete a Senior Honors Thesis as their capstone project during their last semester of college.

Qualified students may apply for admission to Liberty University and the Honors Program simultaneously, although application to the Honors Program must be made directly to that office. If admitted to the program, students must begin taking Honors courses in their first semester at Liberty.

Criteria for applying to the Honors Program include the following:

1. Score at least 1270 on SAT (critical reading and math scores only) or 29 (composite) on the ACT;

2. Submit official high school or college transcripts indicating a GPA of at least 3.50 on an weighted 4.00 scale;
3. Write an expository essay of four and one-half to five typed pages on the topic, "What I Hope to Gain from an Honors Program Education at Liberty University";
4. Submit three letters of recommendation from present or former teachers;
5. Complete the Honors application.

Transfer or Liberty University students must have a cumulative GPA of 3.50 and have no more than 60 credits earned; their recommendation letters must come from professors.

The selection process is competitive, and Honors applications are reviewed on the first day of each month beginning February 1st. Applications will not be considered unless they are postmarked by April 1st. For more information or to receive an Honors application, contact the Honors Program Office by phone at 434-592-3304 or email the Director at [jhnutter@liberty.edu](mailto:jhnutter@liberty.edu). Visit the website at [www.liberty.edu/academics/honors](http://www.liberty.edu/academics/honors) for additional information.

### SPECIAL STUDENTS

*Status 1 Special Students* are early enrollment or dual enrollment students who do not have a high school diploma or equivalent. These students must show evidence of ability to complete the courses selected. They may become candidates for a degree after completing high school diploma requirements.

*Status 2 Special Students* are those students who are not interested in obtaining a degree; however, they are interested in taking one or more college level courses up to a maximum of 12 credit hours. Additional courses may be approved if the student has no intention of being a degree-seeking student. This decision is based off review by the Registrar's Office.

Applications are available upon request from the Resident Admissions Office. Students deciding to enroll as degree seeking students in the future must complete a new application and fulfill all admissions requirements.

Students who have been Academically Dismissed from Liberty University are not eligible for Special Student status. Financial Aid is unavailable under Special Student status.

### AUDIT

Applicants not interested in becoming degree candidates and who want to audit classes must complete a special student application. Only lecture courses may be audited. Courses requiring labs or private instruction may not be audited.

### READMISSION

Students who have withdrawn from the University or who have broken enrollment must apply for readmission through the Resident Admissions Office and pay the \$40 Application Fee. Admission status is subject to the terms of any previous academic or disciplinary suspension or probation. Applicants must provide official transcripts from all educational institutions attended since enrollment at Liberty. Students must receive approval from the Registrar's Office, Student Conduct and Student Accounts before an acceptance decision can be made.

Students applying for readmission who have been dismissed from the University should submit an application not less than 2 months prior to matriculation since applicants must make an appeal to the Committee on Academic and Admissions Standards (CAAS).

## ACADEMIC AMNESTY

Approval for readmissions and Academic Amnesty must be approved by the Committee on Academic and Admissions Standards (CAAS). In order to qualify for academic amnesty, a student must have been academically suspended or academically dismissed from the University, as well as must satisfy the subsequent guidelines for readmission.

1. Not enrolled at the University for a period of three (3) years.
2. A student seeking readmission under academic amnesty must first appeal in writing to the Registrar's Office. The request must be stated clearly and contain: (1) the reason for the request, and (2) efforts made to improve during absence from Liberty. Corroboration may be requested of the student, i.e. transcripts from other institutions, certificates, awards, etc.
3. The Registrar's Office, upon receiving the written request, must receive approval from the Registrar's Office, Student Conduct, Student Accounts, and CAAS before readmission will be granted.
4. Previously earned grades of "A", "B", and "C" will remain on the student's record and will calculate into his or her GPA. As determined by CAAS, grades of "D" and "F" are revised to "Q".
5. Students who have been granted Academic Amnesty are not eligible for graduation honors.

For readmission to the resident programs, an application for readmission and \$40 readmission fee are required.

## International Admission

Liberty University is authorized by the U.S. Department of Homeland Security to issue the SEVIS Form I-20 to eligible international students and their dependent family members. Any person who is not a citizen or Legal Permanent Resident of the United States and who desires to be admitted to the University and attend on campus while on Student (F-1) Visa Status must follow the procedure established by the Office of International Admissions. Applications for the fall semester should be submitted by April 1 and applications for the spring semester should be made by October 1.

Applicants whose final high school transcript is not in English must submit both an official transcript from their educational institution along with an official English translation of the transcript. Applicants may also be required to submit their high school transcripts to an accredited credential evaluation service.

Any college transcript from an educational institution outside of the U.S. must be officially translated into English and submitted to a credential evaluation service accredited by the National Association of Credential Evaluation Services (NACES) at [naces.org](http://naces.org).

Applicants whose native language is other than English must submit official scores for the Test of English as a Foreign Language (TOEFL) or an approved alternative assessment unless the student plans to enroll in the English Language Institute first. The University offers general admission to its undergraduate program of study to students who achieve one of the following scores on a standardized test of English proficiency:

- TOEFL (Internet Based Test or iBT): 61
- International English Language Testing System (IELTS): 5.5
- Pearson Test of English (PTE): 51
- International Test of English Proficiency Academic Plus (iTEP): 3.6

Some particular programs of study, including Aeronautics, may have higher English language proficiency requirements.

Additional assessment following arrival on campus may determine the need for English as Second Language (ESOL) and other Developmental Courses (listed on page 15-16) before being admitted to the Freshman English series.

Applicants whose English assessment score does not meet the minimum University requirement for undergraduate programs may be admitted to certain undergraduate degree programs conditional upon successful completion of Level IV of the English Language Institute. However, some undergraduate programs of study may have additional English proficiency requirements. Information regarding English proficiency tests may be obtained online as follows: TOEFL: [www.toefl.org](http://www.toefl.org); IELTS: [www.ielts.org](http://www.ielts.org); PTE: [www.pearsonpte.com](http://www.pearsonpte.com); iTEP: [www.itepexam.com](http://www.itepexam.com).

Unmarried students under the age of 21 are required to reside in housing provided by the University. Unmarried students who are 21 years of age or older may choose to reside off campus. It is strongly recommended that a minimum of one semester be spent in University housing to help international students adjust to the local area and culture. On-campus housing is not available for married students or those over the age of 25.

International students must be covered with an adequate health insurance policy each semester of enrollment. A mandatory student health insurance fee is added to the account of international students other than Canadian citizens each fall and spring semester. It is the responsibility of all international students to remain enrolled in an adequate health insurance policy while studying at the University.

As part of the admission requirements, international students must document availability of adequate funds to pay for all University-related expenses for the regular nine-month academic schedule. Those who intend to remain during the summer must document additional funds (approximately \$4,000 US) for living expenses.

## English Language Institute (ELI)

Liberty University offers a four-level Academic English Program (AEP) designed to prepare students for undergraduate or graduate studies in an English-speaking institution. Students in Levels III and IV of the ELI may participate in the "bridge program" in which they may enroll in undergraduate coursework while remaining in the ELI. For a full list of ELI courses available, please see the English Language Institute section of this Catalog.

## Articulation Agreements

### THE VIRGINIA COMMUNITY COLLEGE SYSTEM

A guaranteed admissions agreement exists between the Virginia Community College System (VCCS) and Liberty University. For details, visit the Admissions webpage at [www.libertyu.com](http://www.libertyu.com) or [www.liberty.edu](http://www.liberty.edu).

### RICHARD BLAND COLLEGE

A Guaranteed Transfer Agreement exists between Richard Bland College and Liberty University. For details, please contact the Registrar's Office at [registrar@liberty.edu](mailto:registrar@liberty.edu).

## PRIVACY OF STUDENT RECORDS: FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

Students attending, or who have attended, Liberty University are given certain rights under the Family Educational Rights and Privacy Act of 1974 as amended (20 U.S.C. 1232g) and Rules of the [Department of Education](#) (34 C.F.R. Part 99) implementing this Act. Department of Education FERPA site: [www.ed.gov/policy/gen/guid/fpco/ferpa/index.html](http://www.ed.gov/policy/gen/guid/fpco/ferpa/index.html). Additional information and University policies regarding the protection of student records are published online at [www.liberty.edu/ferpa](http://www.liberty.edu/ferpa).

## *Admissions – Online Program*

**Chris E. Johnson, B.S., M.B.A.**

*Senior Vice President for Enrollment Management*

**Tamela L. Crickenberger, B.S., M.S.**

*Executive Director of Enrollment, Liberty University Online*

**Steve Peterson, B.S., M.A.R., M.B.A., Ed.S., Ed.D.**

*Executive Director of Admissions, Liberty University Online*

### **General Requirements**

Prospective students who wish to speak to an Admissions representative about the admissions process or admission policies may do so by contacting the Liberty University Online Admissions Office.

Prospective students are encouraged to apply over the phone with an experienced Admissions representative or online at <http://www.liberty.edu/online>.

#### **Liberty University Online Admissions Office:**

Phone: 800-424-9595

Fax: 800-628-7977

Email: [luoadmissions@liberty.edu](mailto:luoadmissions@liberty.edu)

Website: <http://www.luonline.com>

#### **Hours of Operation:**

M–F 8:00 a.m. – 10:00 p.m. EST

SAT 10:00 a.m. – 9:00 p.m. EST

#### **Mailing Address:**

Liberty University Online

Attn: Admissions Office

1971 University Blvd.

Lynchburg, Virginia 24515

Admission to Liberty University's undergraduate program is governed by policies and procedures developed by the Senate Committee on Academic and Admission Standards.

The mission of Liberty University is to develop Christ-centered men and women with the values, knowledge, and skills essential to impact the world. The University expects that its students understand and respect its mission and purpose while enrolled at Liberty University.

Prospective students are assessed according to academic background; personal moral behavior and character; personal philosophy; and willingness to follow Liberty's rules, regulations, and policies. In the consideration process, the applicant's complete prior academic record, recommendations, plans for the future, and personal information will be reviewed. Applicants meeting the required standards in these areas will be admitted to one of the academic terms at the University.

Applicants for admission will be considered without regard to race, color, gender, national or ethnic origin, religion, age, or disability.

The University reserves the right to refuse or revoke admission or readmission to any prospective student or returning student. Any applicant who intentionally withholds pertinent information or who falsifies information may be required to withdraw from Liberty.

In addition, if certain documentation is not available or does not meet admission standards, the Office of Admissions reserves the right to offer admission to students based on professional judgment.

The regulations listed herein are subject to change after the date of publication through established procedures. Liberty University reserves the right to make necessary changes without further notice.

### **TECHNOLOGY REQUIREMENTS**

All Liberty University Online students are required to have access to an IBM compatible, high-speed computer with Internet and email service.

### ***Application for Admission***

#### **ITEMS TO BE SUBMITTED**

Applicants must submit the following items to the Office of Admissions in order to be considered as candidates for admission. A decision will not be made until all documentation has been received and evaluated.

#### **Application for Admission**

##### **1. Application Fee (non-refundable, non-transferable)**

Application fee will be posted on current application for the Liberty University Online programs upon enrollment or the student's first semester.

##### **2. Academic Records**

Prior to acceptance, applicants must submit an official transcript (see below for details) from an accredited high school or an official transcript of the General Educational Development (GED) test scores. Applicants with prior college coursework must submit official transcripts from all colleges attended.

To be considered complete, a high school transcript must meet the following minimum requirements:

- a. Preliminary transcript – must reflect all coursework and final grades received for grades 9-11, an overall grade point average (GPA).
- b. Final transcript – must reflect all coursework and final grades received for grades 9-12, must list graduation date, an overall GPA.
- c. Liberty University Online students should refer to <http://www.liberty.edu/online/online-education-admission-requirements/> for a detailed list of applicable admissions requirements. The high school and GED requirements will be waived if the applicant earned an associate's degree.

In lieu of a final transcript, Liberty University will accept a preliminary transcript and a self-certification of successful completion of the represented high school program.

In addition, some high school and college transcripts may be waived if they are unobtainable due to circumstances as determined by the Office of Admissions.

Although the University does not require specific high school courses for admission, successful applicants usually have completed at least 4 years of English; 2–3 years of college preparatory mathematics; 2 years of laboratory science; 2 years of social science; 2 years of foreign language; and at least 4 units of elective credits in subjects such as art, music, or drama. This curriculum prepares one for the classroom expectations at Liberty University.

Liberty University's minimum acceptable unweighted Grade Point Average (GPA) is 2.00 on a 4.00 scale. Applicants who fail to meet the minimum required GPA will be evaluated on other indicators of ability to perform satisfactorily at the college level and may be admitted on Caution status. All students accepted on Caution status may be required to enroll in one or more developmental courses as determined by the Office of Admissions.

### 3. Other Documentation

If the Admissions Committee determines that additional information is needed in order to make a determination on the applicant's status, the applicant may be required to submit letters of recommendation or other relevant documentation such as a guidance counselor letter.

### 4. RN to BSN program

Students who are interested in the RN to BSN program must submit additional admissions documents, such as:

- RN licensure in state of residence (copy of licensure document)
- Graduate of an NLN accredited nursing program leading to an associate degree or hospital diploma

### HOMESCHOOL APPLICANTS

*Homeschooled applicants* must submit the above requirements plus:

- a. Verification that they have completed a secondary school education. This requirement may be satisfied by a statement signed by the parent or guardian, a home-education diploma, or a graduation date posted on the home education records.
- b. Verification that the home education was carried out in compliance with applicable commonwealth or state laws. The form of this documentation will vary depending on the state statutes governing home education. The documentation may be a letter from the local school board or public school superintendent, a letter from an umbrella school, or a signed affidavit from the parent or guardian.

**NOTE:** The University recognizes that the academic records of home-educated students vary widely. However, records of academic work plus any evaluations or grades awarded by the parent or other evaluator must be included on the academic records to properly evaluate the applicant's eligibility for college-work. See [www.luonline.com/index.cfm?PID=20365](http://www.luonline.com/index.cfm?PID=20365) for a sample home school transcript. Do not submit portfolios, photocopies of awards, or photographs of school projects.)

### ADMISSIONS AND ENROLLMENT FOR ARMY SOLDIER-STUDENTS

Active Duty, Reserve, and National Guard Army soldier-students must apply for admission and enroll via the GoArmyEd portal, [www.goarmyed.com](http://www.goarmyed.com). Admission and enrollment through the Army portal will allow Tuition Assistance to be approved through the enrollment process. Additional information is provided online, <http://www.liberty.edu/online/military-students/army/>.

### CONDITIONAL ENROLLMENT

Liberty University Online students may be conditionally enrolled following the receipt of a completed application. Undergraduate students who register on a conditional basis may enroll for up to 12 semester hours within the first semester only pending receipt of all official transcripts and standardized test scores. Students who have not submitted the required documentation by the completion of the first semester will not be allowed to enroll in additional courses until the admission file is completed and program admission is granted.

Conditional enrollment is not a guarantee of full acceptance into a degree program. Federal and state financial aid is not available to students under conditional enrollment.

### ADMISSION NOTIFICATION

Applicants must submit all of the required documents to complete the admission file. When all documents have been received and evaluated, applicants will be notified as to whether

they have been fully accepted. Following notification of acceptance, applicants will receive information relating to financial check-in and course registration.

### ASSESSMENT TESTS

Liberty University Online offers English and Math placement tests for all new undergraduate students. These placement tests will be used to ensure that students are placed in the proper English and Math courses to help students be successful as they begin coursework at Liberty University Online.

### Developmental Courses

Liberty University Online offers several developmental courses to students who need assistance with some of the basic skills required in order to be successful in college. Online students who fail to meet the minimum required GPA will be evaluated on other indicators of ability to perform satisfactorily at the college level.

### Transfer Students

Transfer applicants must complete all of the forms that are listed for the initial application procedure.

A copy of the official transcript from each college or university that the transfer applicant attended must be sent directly to the Office of Admissions from the Registrar(s) of the respective institution(s) of higher learning.

Unofficial transcripts will allow for acceptance and registration. Unofficial transcripts will not be reviewed for transfer credit. Before submitting unofficial transcripts, please make sure they include the following:

1. School name or logo printed on the document
2. List of completed courses and earned credit

Upon an admission decision, official transcripts are required within 60 days; official transcripts are required in order to register for a second semester of courses.

All students who intend to transfer to Liberty must be eligible for readmission at the last institution attended. The record is reviewed based on Liberty's scholastic regulations. If an applicant's GPA does not meet Liberty's scholastic standards, even though the applicant may not have been placed on Academic Warning or Probation at the last school attended, the applicant may be denied or placed on Academic Warning or Probation. Appeals may be granted, based on Liberty's scholastic regulations.

### TRANSFER OF CREDITS

Only courses and degrees from a regionally accredited institution or those nationally accredited by accrediting agencies recognized by the U.S. Department of Education (e.g., SACSCOC, TRACS, ABHE, etc.) will be evaluated for transfer of credit. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Registrar's Office at Liberty University.

Credit will be accepted for those courses that are equivalent to courses offered at Liberty in which applicants have made a grade of C or better. Transcripts are evaluated by the Liberty University Online Office of Transfer Evaluations.

Credit for military training is awarded based on the recommendations provided by the American Council on Education, in *A Guide to the Evaluation of Educational Experiences in the Armed Services* (ACE Guide). This includes credit for general military training and occupational specialty. The work must also be applicable to the student's program of study.

A list of policies and transferable courses is provided at <http://www.liberty.edu/online/transfer-students/>.

**SERVICEMEMBERS OPPORTUNITY COLLEGES (SOC)**

Liberty University is part of the [Servicemembers Opportunity Colleges \(SOC\) Degree Network System \(DNS\)](#). The SOC organization was founded in 1972 to provide educational opportunities for service members by establishing articulation agreements between colleges and universities to streamline the transfer process for student veterans transitioning to new schools. Liberty offers transfer-friendly policies and special SOC student agreements (or degree plans) for all service members and veterans who qualify once they are officially accepted and enrolled in their degree program.

The University offers the benefits of the SOC program to all active military personnel, veterans, Department of Defense employees, and military spouses enrolled in an undergraduate online program. Eligible service member students will receive a SOC Student Agreement within their first 6 credit hours of enrollment. Veterans, DoD employees, and military spouses will not receive a SOC Student Agreement, but may instead view their military degree plan through the Degree Completion Plan Audit portal in ASIST. These military students are encouraged to apply for financial assistance through the military and Department of Veterans Affairs, such as Tuition Assistance and GI Bill.

**SOC Degree Network System**

The SOC Degree Network System (DNS) consists of a subset of SOC Consortium member institutions selected by the military Services to deliver specific Associate and Bachelor's degree programs to service members and their families. Institutional members of the SOC DNS agree to special requirements and obligations that provide military students, their spouses and college-age children with opportunities to complete college degrees without suffering loss of academic credit due to changes of duty station.

SOC operates the 2- and 4-year Degree Network System for the Army (SOCAD), Navy (SOCNAV), Marine Corps (SOCMAR), and Coast Guard (SOCCOAST). Refer to the *SOC Degree Network System-2 and -4 Handbooks* to view Associate and Bachelor's degree programs, location offerings, and college information. An electronic version of the Handbook is posted on the SOC website <http://www.soc.aascu.org> on the SOCAD, SOCNAV, SOCMAR, and SOCCOAST home pages.

Each active duty service member and reservist will receive a copy of a SOC student agreement after acceptance to the University. Veterans and spouses may view their SOC student agreement through the Degree Completion Plan Audit portal.

**MILITARY EVALUATIONS**

The Liberty University Online Office of Transfer Evaluations will evaluate students' prior military experience. Evaluations will be based solely upon the recommendations of the American Council of Education (ACE) guidebook, *A Guide to the Evaluation of Educational Experiences in the Armed Services*. Military applicants should send in their Joint Services Transcript or appropriate transcript from their branch of service (CCAF, DAU, CGI, MCI). If those documents are unavailable, applicants should submit a copy of their DD214, 2-1, 2A, or DD295 for evaluation.

Upon completion of the military evaluation, students may access their degree completion plan through the Degree Completion Plan Audit system. Liberty University Online military students will generally find that the Interdisciplinary Studies major maximizes the use of their existing credits.

**International Admission**

Applicants whose native language is other than English must submit official scores for the Test of English as a Foreign Language (TOEFL) or an approved alternative assessment.

If an International student is seeking admission into an undergraduate program and has attended an accredited U.S. high school, the TOEFL can be waived for admission.

If an International student is seeking admission into an undergraduate program and has earned a high school diploma at an accredited high school outside of the U.S. in which all classes are taught in English, the TOEFL score can be waived for admission. (Proof must be submitted in the form of an official statement from the school's Registrar's Office.)

If an International student completes an undergraduate degree at an accredited university/college (full time status) outside of the U.S. in which all classes are taught in English, the TOEFL score can be waived for admission. (Proof must be submitted in the form of an official statement from the school's Registrar's Office.)

Students who have attended an American college/university for at least one year are not required to submit TOEFL scores.

The University offers general admission to its undergraduate program of study to students who achieve one of the following scores on a standardized test of English proficiency:

- TOEFL (Internet Based Test or iBT): 61
- International English Language Testing System (IELTS): 5.5
- Pearson Test of English (PTE): 51
- International Test of English Proficiency Academic Plus (iTEP): 3.6

Information regarding the TOEFL may be obtained from: TOEFL Services; The Education Testing Service; PO Box 6151; Princeton, New Jersey 08541 or online at <http://www.toefl.org>. Information regarding the IELTS may be obtained online at <http://www.ielts.org> and information regarding the PTE may be obtained online at <http://www.pearsonpte.com>.

**SPECIAL (OR NON-DEGREE SEEKING) STATUS STUDENTS**

Status 1 Special Students are early enrollment or dual enrollment students who do not have a high school diploma or equivalent. These students must show evidence of ability to complete the courses selected. They may become candidates for a degree after completing high school diploma requirements. Upon completion of their LUOA high school graduation requirements, dually enrolled students may also obtain an Associate's Degree from Liberty University.

Status 2 Special Students are those students who are not interested in obtaining a degree; however, they are interested in taking one or more college level courses up to a maximum of 12 credit hours. Additional courses may be approved if the student has no intention of being a degree-seeking student. This decision is based on review from the Office of Admissions.

Applications are available at <http://www.liberty.edu/online>. Students deciding to enroll as degree seeking students in the future must complete a new application and fulfill all admissions requirements.

Students who have been Academically Dismissed from Liberty University are not eligible for Special Student status. Students who have completed 12 or more credit hours at their current level are not eligible for Special Student status. Financial Aid is not available under Special Student status.

**BREAK IN ENROLLMENT**

A break in enrollment occurs when a student is not actively taking a class each academic year.

**Students who break enrollment will be required to follow the degree requirements in effect at the time of re-entry to the University.**



**READMISSION**

Students who have withdrawn from the University or who have broken enrollment must apply for readmission through the Office of Admissions. Admission status is subject to the terms of any previous academic or disciplinary suspension or probation. Re-applicants will be subject to the current Degree Completion Plan for the program of application. Applicants must provide official transcripts from all educational institutions attended since enrollment at Liberty. Students must receive approval from the Registrar’s Office, Student Conduct and Student Accounts before an acceptance decision can be made.

**ACADEMIC AMNESTY**

Approval for readmission under Academic Amnesty must be approved by the Office of the Provost. To qualify for academic amnesty, a student must have been academically suspended or academically dismissed from the University, as well as must satisfy the subsequent guidelines for readmission.

1. Not enrolled at the University for a period of two (2) years.
2. A student seeking readmission under academic amnesty must first appeal in writing to the Registrar’s Office. The request must be stated clearly and contain: (1) the reason for the request, and (2) efforts made to improve during absence from Liberty. Corroboration may be requested of the student, i.e. transcripts from other institutions, certificates, awards, etc.
3. The student’s appeal, supporting documentation and a recommendation from the Registrar’s Office will be presented to the Office of the Provost for a decision. If the appeal is approved, the student will be readmitted on the following provisions:
  - a. Only the allowable number of grade repeats that were remaining at the time of Dismissal can be utilized.
  - b. Previously earned grades of A, B, and C will remain on the student’s record and will calculate into his or her GPA. As determined by the CAAS, grades of D and F are revised to Q.
  - c. Students who have been granted Academic Amnesty are not eligible for graduation honors.

**PRIVACY OF STUDENT RECORDS:  
FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT  
(FERPA)**

Students attending, or who have attended, Liberty University are given certain rights under the Family Educational Rights and Privacy Act of 1974 as amended (20 U.S.C. 1232g) and Rules of the Department of Education (34 C.F.R. Part 99) implementing this Act.

Additional information and University policies regarding the protection of student records are published online at <http://www.liberty.edu/ferpa>.

**ADDITIONAL INFORMATION**

Additional information regarding the University’s academic and administrative policies and procedures can be found on the University website at <http://www.liberty.edu/online>.

# Admissions – Undergraduate Certificates

## General Requirements

Prospective students who wish to speak to an Admissions representative about the admissions process or admission policies may do so by contacting the Liberty University Online Admissions Office.

Prospective students are encouraged to apply over the phone with an experienced Admissions representative or online at <http://www.luonline.com>.

### Liberty University Online Admissions Office:

Phone: 800-424-9595  
 Fax: 800-628-7977  
 Email: [luoadmissions@liberty.edu](mailto:luoadmissions@liberty.edu)  
 Website: <http://www.luonline.com>

### Hours of Operation:

M–F 8:00 a.m. – 10:00 p.m. EST  
 SAT 10:00 a.m. – 9:00 p.m. EST

### Mailing Address:

Liberty University Online  
 Attn: Admissions Office  
 1971 University Blvd.  
 Lynchburg, Virginia 24515

Admission is governed by policies and procedures developed by the Senate Committee on Academic and Admission Standards.

The mission of Liberty University is to develop Christ-centered men and women with the values, knowledge, and skills essential to impact the world. We expect that our students understand and respect our mission and purpose while enrolled at Liberty University.

Prospective students are assessed according to academic background; personal moral behavior and character; personal philosophy; and willingness to follow Liberty's rules, regulations, and policies. In the consideration process, the applicant's complete prior academic record, recommendations, plans for the future, and personal information will be reviewed. Applicants meeting the required standards in these areas will be admitted to one of the academic terms at the University.

Applicants for admission will be considered without regard to race, color, gender, national or ethnic origin, religion, age, or disability.

The University reserves the right to refuse or revoke admission or readmission to any prospective student or returning student. Any applicant who intentionally withholds pertinent information or who falsifies information may be required to withdraw from Liberty.

The regulations listed herein are subject to change after the date of publication through established procedures. Liberty University reserves the right to make necessary changes without further notice.

## TECHNOLOGY REQUIREMENTS

All Liberty University Online students are required to have access to an IBM compatible, high-speed computer with Internet and email service.

## Available Undergraduate Certificates

To view a list of current undergraduate certificates offered at Liberty University Online, please visit <http://www.liberty.edu/online/programs/certificate/>.

## Application for Admission

### ITEMS TO BE SUBMITTED

Applicants must submit the following items to the Office of Admissions in order to be considered as candidates for admission. A decision will not be made until all documentation has been received and evaluated.

### Application for Admission

#### 1. Application Fee (non-refundable, non-transferable)

Application fee will be posted on current application for the Liberty University Online programs upon enrollment or the student's first semester.

#### 2. Academic Records

Prior to acceptance, applicants must submit an official transcript (see below for details) from an accredited high school or an official transcript of the General Educational Development (GED) test scores. Applicants with prior college coursework must submit official transcripts from all colleges attended.

To be considered complete, a high school transcript must meet the following minimum requirements:

- Preliminary transcript – must reflect all coursework and final grades received for grades 9-11, an overall grade point average (GPA), and must be signed by the school administrator.
- Final transcript – must reflect all coursework and final grades received for grades 9-12, must list graduation date, an overall GPA, and must be signed by the school administrator.
- Liberty University Online students should refer to [www.luonline.com/index.cfm?PID=14327](http://www.luonline.com/index.cfm?PID=14327) for a detailed list of applicable admissions requirements.

The high school and GED requirements will be waived if the applicant earned an associate's degree.

In lieu of a final transcript, Liberty University will accept a preliminary transcript and a self-certification of successful completion of the represented high school program.

In addition, some high school and college transcripts may be waived if they are unobtainable due to circumstances as determined by the Office of Admissions.

Although the University does not require specific high school courses for admission, successful applicants usually have completed at least 4 years of English, 2–3 years of college preparatory mathematics, 2 years of laboratory science, 2 years of social science, 2 years of foreign language, and at least 4 units of elective credits in subjects such as art, music, or drama. This curriculum prepares one for the classroom expectations at Liberty University.

Liberty University's minimum acceptable unweighted Grade Point Average (GPA) is 2.00 on a 4.00 scale. Applicants who fail to meet the minimum required GPA will be evaluated on other indicators of ability to perform satisfactorily at the college level as determined by the Office of Admissions.

#### 3. Other Documentation

If the Admissions Committee determines that additional information is needed in order to make a determination on the applicant's status, the applicant may be required to submit letters of recommendation or other relevant documentation such as a guidance counselor letter.

## HOMESCHOOL APPLICANTS

*Homeschooled applicants* must submit the above requirements plus:

1. Verification that they have completed a secondary school education. This requirement may be satisfied by a statement signed by the parent or guardian, a home-education diploma, or a graduation date posted on the home education records.
2. Verification that the home education was carried out in compliance with applicable commonwealth or state laws. The form of this documentation will vary depending on the state statutes governing home education. The documentation may be a letter from the local school board or public school superintendent, a letter from an umbrella school, or a signed affidavit from the parent or guardian.

**NOTE:** The University recognizes that the academic records of home-educated students vary widely. However, records of academic work plus any evaluations or grades awarded by the parent or other evaluator must be included on the academic records to properly evaluate the applicant's eligibility for college-work. See [www.luonline.com/index.cfm?PID=20365](http://www.luonline.com/index.cfm?PID=20365) for a sample home school transcript. Do not submit portfolios, photocopies of awards, or photographs of school projects.)

## CONDITIONAL ENROLLMENT

Liberty University Online students may be conditionally enrolled following the receipt of a completed application. Undergraduate students who register on a conditional basis may enroll for up to 12 semester hours within the first semester only, pending receipt of all official transcripts and standardized test scores. Students who have not submitted the required documentation by the completion of the first semester will not be allowed to enroll in additional courses until the admission file is completed and program admission is granted. Students who have not submitted the required documentation cannot confer a certificate.

Conditional enrollment is not a guarantee of full acceptance into a certificate program. Federal and state financial aid is not available to students under conditional enrollment.

## ADMISSION NOTIFICATION

Applicants must submit all of the required documents to complete the admission file. When all documents have been received and evaluated, applicants will be notified as to whether they have been fully accepted. Following notification of acceptance, applicants will receive information relating to financial check-in and course registration.

## TRANSFER STUDENTS

Transfer applicants must complete all of the forms that are listed for the initial application procedure.

A copy of the official transcript from each college or university that the transfer applicant attended must be sent directly to the Office of Admissions from the Registrar(s) of the respective institution(s) of higher learning.

All students who intend to transfer to Liberty must be eligible for readmission at the last institution attended. The record is reviewed based on Liberty's scholastic regulations. If an applicant's GPA does not meet Liberty's scholastic standards, even though the applicant may not have been placed on Academic Warning or Probation at the last school attended, the applicant may be denied or placed on Academic Warning or Probation. Appeals may be granted, based on Liberty's scholastic regulations.

## *International Admission*

Applicants whose native language is other than English must submit official scores for the Test of English as a Foreign Language (TOEFL). If an International student is seeking admission into an undergraduate certificate program and has attended an accredited U.S. high school, the TOEFL can be waived for admission. If an International student is seeking admission into an undergraduate Certificate program and has earned a high school diploma at an accredited high school outside of the U.S. in which all classes are taught in English, the TOEFL score can be waived for admission. (Proof must be submitted in the form of an official statement from the school's Registrar's Office.) If an International student completes an undergraduate degree at an accredited university/college (full time status) outside of the U.S. in which all classes are taught in English, the TOEFL score can be waived for admission. (Proof must be submitted in the form of an official statement from the school's Registrar's Office.) Students who have attended an American college/university for at least one year are not required to submit TOEFL scores. The University accepts into its undergraduate certificate programs students who achieve a TOEFL score of 61 (IBT), 173 (CBT) or 500 (PBT). An equivalent score of 5.5 on the International English Language Testing System (IELTS), or score of 44 on the Pearson Test of English (PTE) will also be accepted. Additional assessment may determine the need for a developmental English course. Information regarding the TOEFL may be obtained from: TOEFL Services; The Education Testing Service; PO Box 6151; Princeton, New Jersey 08541 or online at <http://www.toefl.org>. Information regarding the IELTS may be obtained online at [www.ielts.org](http://www.ielts.org) and information regarding the PTE may be obtained online at [www.pearsonpte.com](http://www.pearsonpte.com).

## BREAK IN ENROLLMENT

A break in enrollment occurs when a student is not actively taking a class each academic year.

**Students who break enrollment will be required to follow the certificate requirements in effect at the time of re-entry to the University.**

## READMISSION

Students who have withdrawn from the University or who have broken enrollment must apply for readmission through the Office of Admissions. Admission status is subject to the terms of any previous academic or disciplinary suspension or probation. Re-applicants will be subject to the current Certificate Completion Plan for the program of application. Applicants must provide official transcripts from all educational institutions attended since enrollment at Liberty. Students must receive approval from the Registrar's Office, Student Conduct and Student Accounts before an acceptance decision can be made.

## ADDITIONAL INFORMATION

Additional information regarding the University's academic and administrative policies and procedures can be found on the University website at [www.luonline.com](http://www.luonline.com) or [www.liberty.edu](http://www.liberty.edu).

# Academic Information and Policies – Resident Program

**Luke Gentala, B.S., M.A.R.**

*University Registrar*

**Michael Shenke, B.S., M.B.A.**

*Senior Associate Registrar*

**Kailyn Cheung, B.S., M.A.**

*Associate Registrar for Academic Operations*

**Tom Calvert, B.S.**

*Associate Registrar for Residential Undergraduate Programs*

**Dawn Sandas, B.S., M.A.**

*Assistant Registrar for Residential Undergraduate Programs*

## SEMESTER CREDIT SYSTEM

The University operates on the semester system. The unit for counting credit is the semester hour. A semester hour of credit consists of the equivalent of one 50-minute period of class work for fifteen weeks, with an assumption of two hours of outside preparation or two 50-minute periods of laboratory work for each semester hour. Online courses are equivalent to the number of classroom contact hours (750 minutes per credit hour) expected in a synchronous residential course.

## PART TIME vs. FULL TIME

To qualify as a full-time undergraduate student, you must be enrolled in a minimum of 12 credit hours. A part-time student must be enrolled from six to 11 credit hours.

## SEMESTER LOAD AND OVERLOAD

The usual semester load for full-time undergraduate students is 14-17 hours per semester. Students must secure permission to take more than 18 hours in a semester. A student who has established a cumulative GPA of 3.00 or better may, with the approval of the Department Chair, take up to 20 hours; 21 hours requires the Dean's signature and a cumulative GPA of 3.50. Students will be required to pay additional tuition for any hours over 18. Students who have not declared a major must request this permission from the Dean of the Center for Academic Support and Advising Services. The maximum load a student may carry is 21 hours per semester. This includes courses from all sources. In certain circumstances, exceptions above 21 hours may be approved by the Dean.

## CERTIFICATE ENROLLED STUDENTS

Certificate students are required to abide by some of the same policies as Undergraduate degree seeking students. These policies include: change of major, course registration, class attendance, drop and withdrawal processes, Repeat Policy, broken enrollment, academic and personal codes of honor, incompletes, recording of grades and the grade appeal process, FERPA, and Academic Transcript processes. Those policies that do not pertain to the certificate seeking student will be noted in the following sections.

## STUDENT CLASSIFICATION

The classification of students at Liberty is based on their degree level and number of earned semester hours.

<u>Classification</u>	<u>Semester Hours Earned</u>
Freshman	0—23.99
Sophomore	24.00—47.99
Junior	48.00—71.99
Senior	72.00—and above

## GRADES, QUALITY POINTS, AND GRADE POINT AVERAGE (GPA)

All work is graded by letters, which are assigned quality points as indicated below:

<u>Grade</u>	<u>Meaning</u>	<u>Quality Points Per Semester Hour</u>
A	Excellent	4
AU	Audit	0
B	Good	3
C	Average	2
D	Poor	1
F	Failure	0
FN	Failure for Non-Attendance	0
I	Incomplete	0
IP	In Progress	0
NP	Did Not Pass	0
P	Pass	0
Q	Academic Amnesty	0
R*	Course Repeated	0
W	Withdrew	0

A student's cumulative GPA is comprised of all coursework completed at the current academic level (Undergraduate, Graduate, Doctoral, etc.) regardless of prior degree conferral, broken enrollment or a program/major change. To determine the grade point average, (GPA) the quality points earned are divided by the semester hours attempted (quality hours). Only courses taken at Liberty are used in computing the GPA. Only grades of A, B, C, D, F, and FN are used in the calculation of the GPA.

\*"R" is no longer an active option for a grade. Please see the Undergraduate Repeat Policy section for the current policy.

## DEAN'S LIST

Undergraduate students who earn 12 or more GPA hours in the fall or spring semester with a GPA of 3.50 or above are placed on the Dean's List. The Dean's list is not awarded for the summer term. This does not apply for certificate level students.

## ADVISORS

Freshmen and sophomore students will be assigned a Professional Advisor, based on their major, who will provide student support for questions concerning academic issues. Junior and senior students meet with faculty, as needed, in the Academic Department that corresponds with their major. Both Professional Advisors and Faculty will assist students with reaching their spiritual, academic, and personal goals.

## ASSESSMENTS

Placement into English and Math courses are based on a combination of scores including required Math / English assessments for all new resident students, first-time college students, and college transfer students that did not transfer in the Math or English course needed for their specific major. A fee is charged only for the information technology and information literacy assessment.

**COURSE PLANNING**

A course planning schedule is provided in order for students to plan their classes for upcoming semesters. The planning schedule presents every class offered and the terms where it is scheduled to be taught. This schedule is sorted alphabetically by class. The course planning schedule is available online at: [//www.liberty.edu/academics/registrar/index.cfm?PID=23103](http://www.liberty.edu/academics/registrar/index.cfm?PID=23103).

**Transfer of Credits**

Normally courses and degrees from regionally accredited institutions or those nationally accredited by accrediting agencies recognized by the U.S. Department of Education (e.g., SACSCOC, TRACS, ABHE, etc.) will be evaluated for transfer of credit. However, on a limited basis Liberty does accept transfer credit via experiential learning, advanced placement and professional certificates from unaccredited institutions under certain terms and conditions established by Committee on Academic and Admissions Standards. Credit earned through this process will not be counted toward the required minimum of 50% of the major and 30 hours of credit that must be completed through Liberty University. Also, credit earned through the portfolio process or professional certificate evaluation cannot exceed 30 credit hours. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Registrar's Office at Liberty University. These transcripts must be received before an admission decision will be made.

Credit will be accepted for those courses that are undergraduate level in which applicants have made a grade of C or better. Transcripts are evaluated under the guidelines established by the Senate Committee on Academic and Admissions Standards. Internships, capstone courses, special topics, remedial courses, workshops, seminars, independent studies, and varsity courses are not transferable. Students may appeal their transfer evaluation with a course description and Transfer Inquiry Form.

At any point prior to degree conferral, students may petition to have courses that are listed as electives substitute for required courses by using the Course Substitution form.

**INTERNATIONAL TRANSFER CREDIT**

The evaluation of international transfer credit requires students to submit a translated official transcript in conjunction with course descriptions prior to the approval process.

International transfer credit is accepted only from an institution recognized by the government of the country in which the institution is located.

Foreign students are encouraged and sometimes required to use foreign credential evaluation services such as World Education Services ([www.wes.org](http://www.wes.org)) to have their transcripts validated and evaluated before sending them to Liberty University. A credential evaluation service must be a member of the National Association of Credential Evaluation Services ([www.naces.org](http://www.naces.org)) before it can be accepted at Liberty University.

**CREDIT BY EXAMINATION**

Liberty University offers students the opportunity to receive academic credit toward their undergraduate degrees through testing. Credit may be earned through the Advanced Placement, CLEP, ICE, DSST, Excelsior, and Federal Aviation Administration programs.

**Advanced Placement (AP)**

Students who receive a score of 3 or higher on the following College Board Advanced Placement examinations will be awarded academic credit toward an undergraduate degree. Credit will be awarded only in those areas applicable to the Liberty curriculum.

AP Title	Required Score	LU Course(s)	Credit Hours
Art History	3	CSTU 101	3
Biology	3	BIOL 101 & 103	4
Calculus AB	3	MATH 126	3
	4	MATH 131	4
Calculus BC	3	MATH 126	3
	4	MATH 131 & 132	8
Calculus AB Sub-score	3	MATH 126	3
	4	MATH 131	4
Chemistry	3	CHEM 121 & 122	8
	3	CHIN 101 & 102	6
Chinese Language & Culture	4	CHIN 101, 102 & 201	9
	5	CHIN 101, 102, 201 & 202	12
Comparative Politics	3	GOVT 330	3
Computer Science A	3	BMIS 212	3
Computer Science AB	3	CSCI 111 & 112	6
Economics – Micro	3	ECON 213	3
Economics – Macro	3	ECON 214	3
English Language	3	ENGL 101	3
English Literature	3	ENGL 102	3
Environmental Science	3	ENVR 215	3
European History	3	HIEU 201 & 202	6
	3	FREN 101 & 102	6
French Language	4	FREN 101, 102 & 201	9
	5	FREN 101, 102, 201 & 202	12
German Language	3	GRMN 101 & 102	6
	4	GRMN 101, 102 & 201	9
	5	GRMN 101, 102, 201 & 202	12
Government & Politics: US	3	GOVT 220	3
Human Geography	3	GEOG 200	3
Physics B	3	PHYS 201	4
	4	PHYS 201 & 202	8
Physics C – Mechanics	3	PHYS 231	4
Physics C – Electricity	3	PHYS 232	4
Psychology	3	PSYC 101	3
Spanish Language	3	SPAN 101 & 102	6
	4	SPAN 101, 102 & 201	9
	5	SPAN 101, 102, 201 & 202	12
Statistics	3	MATH 201	3
Studio Art Drawing	3	ARTS 211	3
U.S. History	3	HIUS 221 & 222	6
World History	3	HIEU 201 & 202	6

Information about these examinations may be obtained by writing to: The College Board; Advanced Placement Examination; P.O. Box 977; Princeton, New Jersey 08450.

**College-Level Examination Program (CLEP)**

The College-Level Examination Program (CLEP), sponsored by The College Board, offers a unique opportunity to gain college credit for knowledge that a student has acquired. The program includes several tests covering a variety of subjects. Students who meet or exceed the Liberty University minimum score will receive the corresponding credit. A registration fee of \$50 will be charged for each CLEP test attempted. An \$80 CLEP administration fee will be charged

on the day of the test. Testing is computer-based and administered in the Bruckner Learning Center, Testing Services.

During the student’s final semester, CLEP tests **can only be taken with permission** after classes begin.

CLEP Subject Area	Minimum Score	LU Course(s)	Credit Hours
American Government	50	GOVT 220	3
American Literature	50	ENGL 201/202	6
Analyzing and Interpreting Literature <i>with essay required</i>	50	ENGL102	3
Analyzing and Interpreting Literature <i>without essay required</i>	50	ENGL1XX	3
Business Law	50	BUSI 301	3
Calculus Elem Functions	50	MATH 131	4
College Algebra	50	MATH 121	3
College Math	50	MATH 115	3
College Composition	50	ENGL 101	3
College Composition Modular	60	ENGL 101	3
Educational Psychology	50	PSYC 311	3
English Literature	50	ENGL 215/216	6
Financial Accounting	50	ACCT 211	3
General Biology	50	BIOL 101/102	6
General Chemistry	50	CHEM 121/122	8
	38	FREN 101	3
	50	FREN 101/102	6
French Language	57	FREN 101/ 102/ 201	9
	63	FREN 101/ 102/ 201/ 202	12
	38	GRMN 101	3
	50	GRMN 101/102	6
German Language	57	GRMN 101/102/ 201	9
	63	GRMN 101/102/ 201/202	12
History of US I	50	HIUS 221	3
History of US II	50	HIUS 222	3
Human Growth and Development	50	PSYC 210	3
Humanities	50	ENGL 221 CSTU 101	6
Information Systems and Computer Applications	50	INFT 110	3
Introduction to Psychology	50	PSYC 101	3
Introduction to Sociology	50	SOCI 200	3
Macro-Economics	50	ECON 214	3
Management	53	BUSI 310	3
Marketing	50	BUSI 330	3
Micro-Economics	50	ECON 213	3
Natural Sciences	50	BIOL 101 PHYS 101	6
Pre-Calculus	50	MATH 128	3
Social Sciences and History	50	SOCI 200 HIEU 201	6
	38	SPAN 101	3
	50	SPAN 101/102	6
Spanish Language	57	SPAN 101/102 /201	9
	63	SPAN 101/102 /201/202	12
Western Civilization I	50	HIEU 201	3
Western Civilization II	50	HIEU 202	3

**Institutional Challenge Examinations (ICE)**

To apply for credit by examination, students must submit the ICE Request form to the department of the University in which the course is offered. A registration fee of \$50 will be charged for each ICE attempted. An \$80 ICE administration fee will be charged on the day of the test. Such requests are subject to the following guidelines:

1. Requests must be submitted through the Bruckner Learning Center, Testing Services.
2. The minimum passing score for both upper and lower level undergraduate courses is 70%. An exception to this policy may occur if a professional, state, or national organization specifies a higher score for recognition.
3. A maximum of 30 hours of ICE credits will be accepted toward an undergraduate degree; the number of credits that may be applied toward each major may vary.
4. Students may not take the ICE if the course has previously been taken or is currently being taken.
5. ICE may be taken during the drop/add period.
6. ICE tests **can only be taken with permission** after classes begin, during the student’s final semester.
7. ICE credits may not be applied toward residency hours.

Only the following courses may be challenged:

BIBL 105	EVAN 101	MUSC 105
BIBL 110	GREK 201	MUSC 106
BIBL 450	GREK 202	PHYS (all)
BIBL 497	GREK 301	THEO 201
CHEM 107	GREK 302	THEO 202
CSCI 110*	MATH (above 121)	THEO 497
CSCI 111*		
CSCI 112*		

*\*Must be taken in prerequisite order*

**DANTES SUBJECT STANDARDIZED TESTS (DSST)**

Undergraduate college credit may be earned through the DANTES Subject Standardized Tests (DSSTs) program, which is administered by Educational Testing Services (ETS) in conjunction with DANTES. Examinations are available to both military personnel and civilians. Students may find an approved testing center and view fact sheets for various tests that are offered at [www.getcollegedcredit.com](http://www.getcollegedcredit.com). A complete list of accepted exams, course equivalency and the minimum required score is available at <http://www.luonline.com/index.cfm?PID=16931>.

**Aviation Testing**

The School of Aeronautics Testing Center serves as a Federal Aviation Administration’s official Federal Aviation Testing Site for the Airman and A&P Knowledge Tests. All test candidates, not just students in the Liberty University Aviation program, are eligible to use the FAA aviation computer-based testing center. For scheduling please call 434-582-2183.

**Excelsior College Exam Credit**

Excelsior College exams are approved for credit in the Liberty University Online program. Undergraduate college credit may be earned through Excelsior College Exams. For further information on earning credit through Excelsior exams, go to: <http://www.excelsior.edu/ecapps/exams/creditByExam.jsf>. The following courses are subject for credit, based on the scores earned.

**ACADEMIC INFORMATION AND POLICIES – RESIDENT PROGRAM**

<b>Excelsior Exam</b>	<b>Minimum Score</b>	<b>LU Course(s)</b>	<b>Credit Hours</b>
Abnormal Psychology	C	PSYC 430	3
Adult Nursing*	C	HLTH 4XX	8
Anatomy and Physiology	C	BIOL 215	6
Bioethics	C	PHIL 4XX	3
College Writing	C	ENGL 101	3
Community Focused Nursing*	C	HLTH 4XX	4
Corporate Finance	C	BUSI 320	3
Cultural Diversity	C	SOCI 3XX	3
Earth Science	C	PHSC 210	3
English Composition	C	ENGL 101	3
Essentials of Nursing Care: Chronicity*	C	HLTH 2XX	3
Essentials of Nursing Care: Health Differences*	C	HLTH 2XX	3
Essentials of Nursing Care: Health Safety*	C	HLTH 2XX	3
Essentials of Nursing Care: Reproductive Health*	C	HLTH 2XX	3
Ethics: Theory and Practice	C	PHIL 3XX	3
Foundations of Gerontology	C	PSYC 336	3
Fundamentals of Nursing*	C	HLTH 2XX	8
Health Differences Across the Life Span I*	C	HLTH 2XX	3
Health Differences Across the Life Span II*	C	HLTH 2XX	3
Health Differences Across the Life Span III*	C	HLTH 2XX	3
Human Resource Management	C	BUSI 342	3
Interpersonal Communication	C	SCOM 325	3
Introduction to Philosophy	C	PHIL 201	3
Juvenile Delinquency	C	CJUS 310	3
Labor Relations	C	BUSI 343	3
Lifespan Developmental Psychology	C	PSYC 210	3
Literacy Instruction in the Elementary School	C	EDUC 302	3
Maternal and Child Nursing*	C	HLTH 4XX	8
Microbiology	C	BIOL 203/204	3
Organizational Behavior	C	BUSI 340	3
Psychiatric/Mental Health Nursing*	C	HLTH 4XX	8
Psychology of Adulthood & Aging	C	PSYC 235	3
Religions of the World	C	ANTH 203	3
Research in Nursing*	C	HLTH 4XX	3
Research Methods in Psychology	C	PSYC 255	3
Social Psychology	C	PSYC 312	3
Statistics	C	MATH 201	3
Transition to the Registered Professional Nurse Role*	C	HLTH 2XX	3
World Conflicts	C	GOVT 340	3

\*Credit restricted to non-Nursing majors

**EXPERIENTIAL LEARNING CREDIT**

Credit may be granted to students who demonstrate that they have already acquired, through life experiences such as job training, non-college courses, etc., course knowledge required for the degree program in which they are enrolled.

There are some portfolios/courses that will not be admitted, such as School of Communication & Creative Arts (SCCA) courses, GOVT 200, internship courses, capstone courses, as well as other courses not

approved by academic departments. Please note that admission of a portfolio does not guarantee that credit will be awarded.

Students must receive tentative approval from the Portfolio Coordinator at [portfolio@liberty.edu](mailto:portfolio@liberty.edu) before moving forward. **A separate portfolio** must be submitted for each course. An administrative fee of \$100 will be charged for each portfolio submitted for assessment. Please note that credit earned through the portfolio process and/or a certificate of completion will be limited to a combined maximum of 30 hours.

Each portfolio must define learning in terms of college-level competencies for specific course credit. All documentation submitted in portfolios will remain in the student’s personal file at the University.

A 3-hour course (GEED 205) is **required** to assist students with the development of portfolios that demonstrate that the required knowledge has been attained. **Liberty University Online** Education students must take EDUC 205 which offers a portfolio option for teachers. Students may submit portfolios for experiential learning credit at any time prior to graduation. Credit earned through this process will not be counted toward the required minimum of 30 hours of credit that must be completed through Liberty University. Also, portfolio credit cannot exceed 50% of the major. Further information may be found online at <http://www.liberty.edu/online/index.cfm?PID=15141>.

**Military Evaluations**

Liberty University will evaluate students’ prior military experience and develop a degree plan for each student to follow. Evaluations will be based solely upon the recommendations of the American Council of Education (ACE) guidebook, *Guide to the Evaluation of Educational Experiences in the Armed Services*. Students will generally find that the Interdisciplinary Studies major offer through Liberty University Online maximizes the use of their existing credits.

**CREDIT FOR SEMINARS**

As part of the “action-oriented” curriculum at Liberty, certain seminars and travel opportunities are offered for academic credit. Students who wish to obtain credit for such activities must receive prior approval from the Registrar.

**COURSEWORK AT OTHER INSTITUTIONS WHILE ENROLLED AT LIBERTY**

Prior to registering for any course at another institution, students must submit a Transient Request Form to guarantee transferability. The online form can be found on the Registrar’s Office webpage at <http://www.liberty.edu/academics/registrar/index.cfm?PID=28460>.

**DECLARATION OF UNDERGRADUATE MAJOR**

Students may declare their major at any time prior to the completion of 60 semester hours. They must declare a major by the time they complete 60 semester hours of undergraduate credit. Declaration of a major does not imply the ability to pursue programs such as Athletic Training, Cinematic Arts, Individualized Studies, Interdisciplinary Studies, Nursing, or teacher licensure. Such programs have specific requirements before acceptance is granted.

A student’s computer competency must be demonstrated within the first 45 hours of a student’s program. Transfer students must complete this within their first year at Liberty.

Acceptance into a major does not constitute acceptance into the Teacher Licensure Program.

**CHANGE OF MAJOR**

Major changes become effective for the semester following their request. The process for changing/declaring a major can be found by visiting the CASAS office, accessing <http://www.liberty.edu/casas>, or by calling 434-592-4110. All requests for a change of major will be processed by the Registrar’s Office upon receipt, and will be effective the following full term of enrollment.

**DOUBLE MAJORS**

Students who wish to complete a double major (**BS/BS** or **BA/BA**) or two separate undergraduate degrees (**BA/BS** or **BA/BM** or **BS/BM**) must meet with their professional advisor in CASAS to work out a completion plan.

Students must have 30 unique hours within the major core of the first or second major or degree. The foundational and investigative studies may be shared if they are the same. However, if any requirements are different, the student must fulfill the higher of the two requirements.

The requirements from one major can be used as electives for the second major, and vice versa. At least 50% of the course work for each major must be earned at Liberty University.

Students who wish to earn an A.A. degree with two majors must have at least 15 unique hours in the core of the first or second major.

Students with a conferred A.A. degree who wish to earn a second A.A. degree must complete at least 15 additional hours through Liberty University, and there must be at least 15 unique hours in the core of the second major.

Students who currently hold a bachelor's degree and want to pursue an associate's degree will need to take a minimum of 15-hours through Liberty University of which 15-hours must be unique in the core of the major.

Students who currently hold a bachelor's degree and want to pursue another bachelor's degree will need to take a minimum of 30 additional hours through Liberty University of which 30-hours must be unique in the core of the major.

**DUPLICATE CREDIT**

In the event that a student earns credit for the same course more than one time, whether at Liberty, at another college, or through standardized testing, that course/credit may only count one time toward the completion of his/her degree. The only exception to this would be if the course/credit is approved by the academic department or administration to be used more than one time toward a student's degree/major.

**INTERCOLLEGIATE ATHLETIC CREDIT**

Students who are members of Liberty Intercollegiate Athletic teams may earn one hour of academic credit for a completed season. Such credit may not be used more than once.

**DEGREE COMPLETION PLANS**

Once a student has declared his or her major through CASAS, a Degree Completion Plan (DCP) may be retrieved at <http://www.liberty.edu/index.cfm?PID=2981>. The student is required to follow the DCP for the academic year in which the declaration becomes effective.

Grades of "D" are not acceptable in upper-level (300-400) courses within the student's major. For certain majors, a grade of "D" is not acceptable in upper- and lower-level courses within the major.

If a major includes directed electives or support courses, it is possible to use them to also meet a general education requirement or a minor requirement. Courses cannot fulfill both a major requirement and a general education requirement.

A student with an already completed bachelor's degree must take an additional 30 hours or more in order to earn a second bachelor's degree at Liberty, in conjunction with completing all requirements unique to that degree. The same rule applies to those students who have completed a degree at another accredited institution. Courses may transfer to Liberty from a completed undergraduate degree, but only courses that apply directly to the degree being pursued.

**DEGREE COMPLETION PLAN (DCP) AUDIT**

The Degree Completion Plan (DCP) Audit provides real-time advice and counsel, making it possible for students to track progress towards degree completion at their convenience. It also enables students to immediately see how their credits will apply towards a different degree program.

**COURSE SEQUENCING**

Suggested course sequences for resident undergraduate degree programs are available online through the CASAS webpage <http://www.liberty.edu/casas>.

**IMPORTANT INFORMATION REGARDING INTERNSHIPS AND CLINICAL PLACEMENTS**

Students who are pursuing degrees leading to application for professional licensure or certification, and/or who will be participating in clinical placements, internships, or practica through their Liberty University program should be aware that their host facility may require a criminal background check, fingerprinting, or drug screening. In such situations, each student is responsible for obtaining and paying for the background check or other screening process and for delivering required documentation to the facility. Although the university will make reasonable efforts to place admitted students in field experiences and internship, it will be up to the host facility to determine whether a student will be allowed to work at that facility.

Students should further be aware that a criminal record may jeopardize licensure by the State certification body. Students seeking licensure are urged to contact the relevant licensing agency to determine the licensing requirements for the jurisdiction. Successful completion of a program of study at Liberty University does not guarantee licensure, certification, or employment in the relevant occupation.

**MINORS**

Students at Liberty University are not required to complete a minor. Those who wish to declare a minor, however, are encouraged to meet with their professional advisor to review the requirements for that minor. A minor on the student's transcript indicates the completion of a block of courses that academic departments have specified as meeting the requirements of their minor.

Consequently, since the selection of a minor is not a graduation requirement for any major at Liberty, students may use courses required for any given major to also count toward a minor if such courses are required for the minor. Students must earn a "C" or higher in all upper level courses in their chosen minor. At least 50% of the course work must be earned at Liberty University.

Finally, students who are completing requirements for a Bachelor of Arts degree, that requires twelve hours of a language, may take one additional, approved course in the chosen language and declare a minor in that language.

**SPECIAL STUDENT REGISTRATION**

1. Prospective students must apply as a Special Student and receive confirmation of acceptance.
2. Special Students may not accumulate more than 12 credit hours under this status.
3. Special students will follow the same registration rules and procedures as degree-seeking students.
4. Students who have been Academically Dismissed are not eligible to return to Liberty under the Special Student category.



**CLASS ATTENDANCE POLICY**

For the good of the Liberty University student body, a consistent attendance policy is needed so that all students in all majors will understand the expectations of faculty in all their courses. **In general, regular and punctual attendance in all classes is expected of all students.** At times, students will miss classes. For 100- and 200-level classes, absences will be identified as either excused or unexcused and will be handled per the policy below. For 300- and 400-level classes, students are permitted to make their own decisions regarding attendance, but faculty will outline in their syllabus the ramifications for completing an assignment late and missing a test/quiz or other essential activity/event. Work missed for excused absences in 300- and 400-level classes, as outlined below, may be made up.

**Excused Absences**

- Excused absences include all Liberty University sponsored events, to include athletic competition or other provost-approved event.
- Absences due to medical illness that are accompanied by a doctor's note will be excused.
- Absences due to family situations such as a death in the family or a severe medical condition will be excused
- Students will **not** be penalized for excused absences and will be permitted to make arrangements to complete missed work.

**Unexcused Absences**

- Classes that meet:
  - Three times per week will permit four unexcused absences per semester.
  - Twice per week will permit three unexcused absences per semester.
  - Once per week will permit one unexcused absence per semester.
- Questions regarding unexcused absences must be resolved by the student with the professor within one week of the absence. Students may appeal these decisions to the respective dean within one week.
- Extraordinary circumstances regarding excessive absences will be addressed by the student with the faculty member, department chair, and dean as required.
- Penalties for each unexcused absence over the permitted number per semester will be as follows:
  - 50 points for classes that meet 3 times per week
  - 75 points for classes that meet 2 times per week
  - 150 points for classes that meet once per week
- Students who are late for class 10 minutes or less are considered tardy but present for the class. If a student misses in-class work due to tardiness, the faculty member may choose not to allow the student to make up this work. Three class tardies will be counted as one unexcused absence.
- Students who are more than 10 minutes late for class are considered absent

**CLASS CANCELLATION POLICY**

From time to time, it may be necessary to cancel a class because of insufficient enrollment or other extenuating circumstances. The decision for such a cancellation is ultimately that of the Provost of the University. Every effort will be made to provide notice of the cancellation at least two weeks prior to the first scheduled meeting of the class. The Registrar's Office will advise the student of the cancellation and any other options

including the possible rescheduling of the class. The University does not assume responsibility for any delay in the anticipated graduation date of individual students that might result from such class cancellations.

**INDEPENDENT STUDY**

Students may request to do an independent study project in a major field or related discipline. This option is limited to graduating seniors, students who have changed majors and have no other course of action, and students who may have approved extenuating circumstances. Permission for the independent study will be granted only upon approval by the Department Chair, the Dean of the School, the Administrative Dean, and the Registrar. Forms are available in the Registrar's Office and on the Registrar's webpage.

**COURSE AUDITS**

Students who wish to audit a residential course may do so for a fee (see Expenses and Financial Policy section). Audit fees are not covered in block-tuition billing, and audited courses will not be used to determine full- or part-time status. Auditors will not be expected to take quizzes or examinations. A grade of AU will be recorded on the auditor's permanent record.

Course audits may not be added via ASIST, but must be requested in person at the registrar's office. Requests to audit a course will only be accepted during add/drop week (or the week before the start of a summer term for summer courses). Audit requests will be processed and added on the last day of the add/drop period, pending seat availability. A student wishing to change from credit to audit status for a course may only do so until the last day of the add/drop period. Requests to change to or from audit status after the add/drop period will be denied.

Lecture-only courses may be audited. Courses considered lecture/lab, labs, private instruction, etc., may not be audited. Audited courses will not count toward graduation requirements.

**COURSE SUBSTITUTIONS**

A Course Substitution request may be made when a student wishes to substitute one course for another required course when a clear relationship exists between the two. This form may also be used when an academic department approves a complete replacement for a Liberty course requirement. Students requesting these exceptions must complete a "Course Substitution Request" form and submit it to the Registrar's Office. Approval of the course substitution is under the oversight of the Dean presiding over the required course. Please note that an approved substitution will apply toward the degree requirement(s), but will not change the course number on the student's transcript. Also, a lower-level course substituting for an upper-level requirement will not count toward the total number of upper-level hours required. Course substitutions are not applicable for certificate seeking students. Changing programs or breaking enrollment may invalidate the request.

**DROPPING/ADDING/WITHDRAWING FROM COURSES**

Changes are discouraged after a student and advisor have arranged the student's schedule for the semester.

**A Fall/Spring course may be dropped prior to the official start date of the course. After the course has begun, if a student has attended, the course must be withdrawn with a grade of "W."** The student will be responsible for the tuition and fees for the course. "W" grades are not used in calculating a GPA. Course withdrawals with grades of "W" are used in determining a student's academic load for the semester, upon which tuition charges are based.

No course can be added after the first week of classes without special approval from the course instructor and the Registrar's Office.

Exceptions to these deadlines may be granted by the Registrar in unusual circumstances, such as extreme illness or other circumstances beyond the student's control. If a student is unable to withdraw for a specific reason (i.e. death, incapacitation, incarceration, hospitalization, etc.) an administrative grade change to "W" may be approved by the Registrar's Office.

No course is considered officially added or dropped until the add/drop form is submitted to the Registrar's Office and processed. This form may require the written approval of the instructor of the course.

**NOTE:**

- *A student may not withdraw from or drop MENT 100 and CLST 101, 102, 103 or 105 without permission of the Director of the Bruckner Learning Center.*
- *A student may not withdraw from or drop BWVW 101 or BWVW 102 without the permission of the Christian/Community Service Office.*

Students who do not attend their intensive(s), will be dropped from the course roster. An intensive may be dropped without a grade or a tuition charge prior to the start date of the course. Class attendance is defined, but is not limited to, any submission to Blackboard, any required submission outside of Blackboard, initiating any communication with the professor regarding an academic subject, or physically attending a class where there is an opportunity for direct interaction between the instructor and students within the enrollment dates of the course. If the student has attended, he or she must withdraw from the intensive(s) and will be liable for tuition and fees.

**REMEMBER:** Any change in status (i.e., from full-time to part-time, etc.) may cause the reduction or cancellation of your financial aid award. In other words, your out-of-pocket expenses may increase.

#### RESIDENT STUDENTS TAKING ONLINE CLASSES

Resident students desiring to take an online course must enroll in the course during the prescribed Liberty University Online registration period. A cumulative Liberty GPA of 2.00 or higher is needed before a residential student may register for an online course. **Resident students taking online courses will be charged resident tuition.**

#### *Withdrawal from Liberty*

Students withdrawing from the University during the semester must meet with a representative from the Student Advocate Office for exit counseling. As a part of this process, the student must also meet with a representative from the Financial Aid Office and the Student Accounts Office (if there is an outstanding balance on the student's account), and will be required to submit a signed statement of withdrawal. The student's official withdrawal date is the date they begin the withdrawal process by notifying a representative from the Student Advocate Office of his/her intent to withdraw.

Students withdrawing before the semester begins must only contact the Student Advocate Office in order to initiate the withdrawal process.

Any student who withdraws from the University during the first eight weeks of classes will receive a tuition refund. (See Expenses and Financial Policy Information: Official Withdrawal Policy section). This is in effect even if the student drops classes in such a way as to go below full-time status during add/drop week.

If a student withdraws from all classes in a term, the student has officially withdrawn from the University. Financial Aid Recipients are subject to the Title IV withdrawal calculation.

#### UNOFFICIAL WITHDRAWALS

In accordance with Title IV regulations which require that universities have a mechanism in place for determining whether or not a student who began a course and received or could have received a disbursement of Title IV funds unofficially withdrew, the University has established a procedure for students enrolled in residential courses. This procedure is used to determine if students are progressing toward the completion of their courses.

Students who begin a course, but at some point in the semester cease attending, and do not withdraw, will be assigned a grade of "FN" (Failure for Non-Attendance), dated to the student's last date of attendance (based on the definition provided below). A grade of "FN" will be assigned when a student stops attending and/or participating in a class for a period of 21 consecutive days or longer.

#### DEFINITION OF ATTENDANCE

Attendance is measured by any submission of a required assignment within the enrollment dates of the course (such as examinations, written papers or projects, any discussion board posts, etc.) or initiating any communication with one's professor regarding an academic subject. Attending is defined as completing an academically related activity which includes, but is not limited to:

- Physically attending a class where there is an opportunity for direct interaction between the instructor and students.
- Submitting an academic assignment (in Blackboard or disparate system).
- Taking an exam.
- Taking an interactive tutorial or computer-assisted instruction.
- Attending a study group that is assigned by the school.
- Participating in an online discussion about academic matters.
- Initiating contact with a faculty member to ask a question about the academic subject studied in the course.

The student alone assumes responsibility for course work missed from non-attendance. If a student receives all FN's in a term, he/she is subject to the Unofficial Withdrawal procedure that includes the reduction and/or return of all Financial Aid. Students are fully responsible for all resulting charges on their student account. To review the entire Financial Aid Withdrawal policy, go to <http://www.liberty.edu/fapolicie>.

Students receiving all grades of FN will be considered to have unofficially withdrawn from Liberty. The withdrawal date will be determined by the Registrar's Office and will be based upon University information indicating the student's last date of attendance in class. Students with Federal grants and/or Federal loans will be subject to the Title IV withdrawal calculation. The Title IV withdrawal calculation will result in the reduction and/or cancellation of all Financial Aid. The Registrar's Office will determine the official withdrawal date based upon the extenuating circumstances.

#### *Unofficial Withdrawal for Non-Attendance Appeal Process*

Students who receive a grade of "FN" may appeal to their professor to have the grade removed to allow a resumption of work in the course. This appeal must be communicated in written form to the faculty member. Please note, that appeals are reviewed on a case by case basis. If the appeal is granted the student must complete the course with an earned grade.

An expulsion resulting from violation of the disciplinary system will result in an administrative withdrawal. A grade of W will be recorded in all courses for which the individual is officially registered.

A \$50 fee will be charged for the processing of an official, unofficial, or administrative withdrawal. This fee will be deducted from any refund due on the student's account or he/she will be responsible for payment of this fee.

Anyone who withdraws from the University is considered to be breaking enrollment. Students who break enrollment must apply for readmission and will be subject to the requirements of the catalog and degree requirements in effect at the time of his or her readmission.

A student may not withdraw after finals begin or final exam/paper has been submitted.

### UNDERGRADUATE REPEAT POLICY

The *Liberty University Undergraduate Repeat Policy* is designed to assist undergraduate students in raising their cumulative grade point average by repeating courses in which they previously performed unsatisfactorily and by removing the previous grade from the GPA calculation.

Undergraduate students are subject to the following conditions:

1. When an undergraduate course is successfully repeated\*, the Undergraduate Repeat Policy will automatically be applied, all earned grades will remain visible on the student's permanent record, and the most recent grade earned will be the only grade to count toward the student's GPA. The registrar's office will automatically apply the Undergraduate Repeat Policy at the end of each semester^, including the summer semester, to all eligible courses.
2. On the student's transcript, the letter "E" will follow the previous earned grade(s) to indicate that the grade has been "excluded" from the GPA. The letter "I" will follow the most recent grade to indicate that the grade has been "included" in the student's GPA. The grades which have been excluded from the GPA calculation will not count toward GPA hours or hours earned, but will remain on the student's record as attempted hours. Consultation by the student with the Financial Aid office may be needed to determine how the Repeat Policy will affect the student's Satisfactory Academic Progress.
3. There is no limit on the number of different courses or retakes in which the Undergraduate Repeat Policy may be applied. However, there may be a limited number of times that Federal Financial Aid will pay for a course taken and passed (grade of "D" or higher). It would be wise to consult with a Financial Aid counselor if there are any questions about this.
4. The Undergraduate Repeat Policy will only be used on Liberty University courses that have been repeated at Liberty University. No transfer credit or credit earned through institutional or standardized testing may be used in the Undergraduate Repeat Policy.
5. The Undergraduate Repeat Policy will only be applied when the same course number/title is retaken, unless there's been a university approved course number/title change and the department confirms that the courses are the same. Course replacements/substitutions are not eligible for the Undergraduate Repeat Policy.

6. Undergraduate courses in which a grade of B, C, D, F, or FN was awarded are *eligible* for the Undergraduate Repeat Policy. Courses which are *NOT eligible* for the Undergraduate Repeat Policy are: pass/fail courses, zero-credit courses, CSERs, and courses with grades of AU (audit), I, M, Q, R, W, WF, X, and Z, or those courses failed due to academic dishonesty. Also, courses that are designed as repeatable courses within certain majors will not have the Undergraduate Repeat Policy applied automatically.
7. Activation of the Undergraduate Repeat Policy for a prior semester will not affect the academic standing or dean's list award for that semester. Academic standing or dean's list in a prior semester can only be changed as a result of an approved grade change.
8. Once a student has graduated, the Undergraduate Repeat Policy may not be used on a course taken prior to graduation to enhance the cumulative GPA which was recorded at the time of degree conferral. The repeat of a class after graduation could, however, be used to enhance the students overall undergraduate GPA at Liberty.

\* Final grade has been earned and posted

^ Including sub-terms

### Scholastic Regulations

#### Warning/Probation/Suspension/Dismissal

Students must maintain satisfactory academic standing in order to remain at Liberty. Satisfactory academic standing for students enrolled in bachelor's programs is:

	<u>Minimum GPA</u>
Level 1 (0–23.99 hours)	1.50
Level 2 (24–47.99 hours)	1.65
Level 3 (48–71.99 hours)	1.85
Level 4 (72 or more hours)	2.00

Academic Standing is calculated only at the end of each fall and spring semester. At the end of each fall and spring semester, students on Academic Warning, Probation, Suspension, and Dismissal will be sent a notification by the Registrar's Office.

Any University organization that has students who represent Liberty University in activities that involve student traveling (exclusive of one-time missions exposure trips) must first provide a list of students on the team to the Registrar to verify if the students are in good academic standing. Students who are not in good academic standing are prohibited from traveling.

#### Academic Warning

Students failing to attain and maintain the minimum GPA required are placed on Academic Warning. During the next semester, undergraduate students are limited to a 12-14-semester-hour course load and are required to take CLST 101, 102, 103 or 105, and may not represent the University on any team without approval from the appropriate committee. A student may not drop or withdraw from the course without permission from the Director of the Bruckner Learning Center.

#### Academic Probation

At the end of the semester on Academic Warning, students who fail to raise their cumulative GPA to the required academic level (see above) are placed on Academic Probation. These students are required to sign an academic plan from CASAS indicating the grades necessary to remove Probation status. During the next semester of attendance, undergraduate students are limited

to a 12-14-semester-hour course load, are required to take CLST 101, 102, 103 or 105, and may not represent the University on any team without approval from the appropriate committee. A student may not drop or withdraw from the course without permission from the Director of the Bruckner Learning Center.

### **Academic Suspension**

At the end of the semester on Academic Probation, students who fail to raise their cumulative GPA to the required academic level (see above) are placed on Academic Suspension. Students who desire to return to Liberty in the future must appeal to the Registrar's Office in writing. If approved to return, the Registrar/CASAS will determine a plan that will prepare students for a successful re-entry to Liberty. These students are required to sign an academic plan from CASAS indicating the grades necessary to remove the Academic Suspension status. During the next semester of attendance, undergraduate students are limited to a 12-14-semester-hour course load, are required to take CLST 101, 102, 103 or 105, and may not represent the University on any team without approval from the appropriate committee. A student may not drop or withdraw from the course without permission from the Director of the Bruckner Learning Center. Students should not expect automatic readmission after serving a period of Suspension.

Students who are enrolled for 12 or more hours and fail all courses will be Academically Suspended.

### **Academic Dismissal**

Students who are readmitted to Liberty after serving a period of suspension and who fail to raise their cumulative GPA to the required academic level (see above) by the end of the semester will be Academically Dismissed and will not be allowed to return to Liberty unless qualifying for Academic Amnesty.

### **ACADEMIC AMNESTY**

Approval for readmissions and Academic Amnesty must be approved by the Committee on Academic and Admissions Standards (CAAS). In order to qualify for academic amnesty, a student must have been academically suspended or academically dismissed from the University, as well as must satisfy the subsequent guidelines for readmission.

1. Not enrolled at the University for a period of three (3) years.
2. A student seeking readmission under academic amnesty must first appeal in writing to the Registrar's Office. The request must be stated clearly and contain: (1) the reason for the request, and (2) efforts made to improve during absence from Liberty. Corroboration may be requested of the student, i.e. transcripts from other institutions, certificates, awards, etc.
3. The Registrar's Office, upon receiving the written request, must receive approval from Student Conduct, Student Accounts and CAAS before readmission will be granted.
4. Previously earned grades of "A", "B", and "C" will remain on the student's record and will calculate into his or her GPA. As determined by CAAS, grades of "D" and "F" are revised to "Q".
5. Students who have been granted Academic Amnesty are not eligible for graduation honors.

## ***Academic Code of Honor***

### **I. PREAMBLE**

Liberty University students, faculty, administrators, and staff together form a Christian community based upon the values and goals of the Bible. These are defined in our foundational statements, including our Doctrinal Statement, our Philosophy of Education and Mission Statement, the Statement of Professional Ethics for the Faculty, and our Student Code. Together, these statements situate Liberty University within the long tradition of university culture, which in its beginnings was distinctively Christian, designed to preserve and advance truth.

Anyone, whether Christian or non-Christian, who shares our values and goals, is both welcome and valued in our community. We want all students to feel comfortable in our community of learning, and we extend to all of our students our spiritual and academic resources, with the goal of fostering spiritual growth, character development, and academic maturity.

Communities are based upon shared values and practices. This Code of Honor, an expression of the values inherent in our Doctrinal Statement, defines the rules and principles by which our community functions. At the core of this Code are two key concepts: a belief in the dignity of all persons and an insistence on the existence of objective truth.

While we understand that everyone will not agree with the statements that follow, we do expect that our students respect and uphold these standards while enrolled at Liberty University. Abiding by the principles and behaviors established in this Code of Honor makes possible the success of our students and the strengthening of the Liberty community.

### **ACADEMIC HONOR CODE**

#### **A. ACADEMIC MISCONDUCT**

Academic misconduct includes, but is not limited to plagiarism, cheating and falsification.

##### **1. Plagiarism**

Plagiarism is the intentional failure to give sufficient attribution to the words, ideas, or data of others that the student has incorporated into his/her work for the purpose of misleading the reader. In some cases, a student may be careless and fail to give credit to the words, ideas or data of others. In such situations, plagiarism has still occurred, but the professor may choose a sanction as deemed appropriate. In order to avoid plagiarism, students must conscientiously provide sufficient attribution. Attribution is sufficient if it adequately informs and, therefore, does not materially mislead a reasonable reader as to the true source of the words, ideas, or data. Students who have any doubt as to whether they have provided sufficient attribution have the responsibility to obtain guidance from their professor or other person to whom they are submitting their work.

Plagiarism in papers, projects or any assignment prepared for a class shall include the following:

- Omitting quotation marks or other conventional markings around material quoted from any printed source (including digital material)
- Directly quoting or paraphrasing a specific passage from a specific source without properly referencing the source
- Replicating another person's work or parts thereof and then submitting it as an original
- Purchasing a paper (or parts of a paper) and representing it as one's own work

**2. Cheating**

Cheating is a form of dishonesty in which a student gives the appearance of a level of knowledge or skill that the student has not obtained, provides unauthorized aid, or wrongly takes advantage of another's work. Examples include, but are not limited to:

- Copying from another person's work on an examination or an assignment
- Allowing another student to copy any portion of one's work on an examination or an assignment
- Using unauthorized materials or giving or receiving any other unauthorized assistance on an examination or an assignment
- Taking an examination or completing an assignment for another, or permitting another to take an examination or to complete an assignment for the student.
- Reusing a paper from a previous course
- Paying another student to complete a course, an individual assignment or exam

**3. Falsification**

Falsification is a form of dishonesty in which a student misrepresents the truth, invents facts, or distorts the origin or content of information used as authority. Examples include, but are not limited to:

- Dishonestly answering or providing information in the application process
- Citing a source that is known not to exist
- Attributing to a source ideas and information that are not included in the source
- Falsely citing a source in support of a thought or idea when it is known not to support the thought or idea
- Citing a source in a bibliography when the source was neither cited in the body of the paper nor consulted
- Intentionally distorting the meaning or applicability of data
- Inventing data or statistical results to support conclusions

**B. PROCEDURES FOR THE INVESTIGATION, ADJUDICATION, AND LEVELING OF SANCTIONS FOR THE VIOLATIONS OF THE ACADEMIC CODE OF HONOR****1. Processing Allegations**

When an alleged violation of the Academic Code of Honor has been reported to the instructor or administration, the instructor will confront the student within ten business days of the discovery of the infraction. The instructor may issue an oral (or written) reprimand, send written notification to the Department Chair or Program Director, reduce a grade, adjust credit on an assignment and/or require additional work. The instructor may determine that a failing grade for the course is the appropriate sanction. In any event, the instructor will inform the student of the decision.

The reporting procedure is as follows:

- a. The instructor will write a report outlining the violation.
- b. The report will be provided to the student and the Department Chair or Program Director along with the sanctions recommended.
- c. If blatant academic dishonesty occurs in a clear and convincing manner, the student may

receive a grade of F for the course in which the academic misconduct occurred.

- d. Students receiving a grade of F for academic dishonesty on a particular assignment will be notified by the professor of the course in an appropriate manner, including but not limited to returning the assignment with comments, email, letter, telephone call, and/or a personal meeting.
- e. If warranted, the results of academic honesty review may be forwarded to the Office of Student Affairs for any other disciplinary action that may be appropriate.
- f. If non-blantant academic misconduct (such as inadvertent plagiarism) occurs in a course, the professor will contact the student and conduct such further investigation as needed. If the professor determines that a sanction is called for, the professor may issue an oral reprimand, send written notification to the Department Chair or Program Director of the School in which the course resides, reduce a grade, adjust credit and/or require additional work.
- g. When a student receives a course grade of F for academic dishonesty, the professor may report the reason for the F to the Registrar and request that it be recorded as an F grade. This F grade will appear on the student's transcript.
- h. The student, upon receipt of the results of the academic honesty review, will have five business days to appeal the decision to the professor and the Department Chair or Program Director.

**2. Sanctions**

If the professor determines that a sanction is called for, the professor may issue an oral or written reprimand, adjust credit and/or require additional work. The professor also maintains the right to assign the grade of F for the course if the investigation determines that it is the appropriate sanction. In this instance, the Registrar will record the F, which will appear on the student's transcript. The repeat policy may not be applied to this grade.

If the student is found guilty of academic dishonesty (either blatant or non-blantant) in any subsequent course where a grade of F for academic dishonesty is posted, he or she will be dismissed from the University.

In determining the sanction to be imposed, the following will be considered: the student's intent to violate the Code of Honor, the degree of carelessness, the gravity of the offense and the student's overall conduct while enrolled at Liberty University. Student Affairs and Registrar may be consulted during this process.

In cases of proven academic misconduct in a particular course, the Department Chair or Program Director will usually defer to the course professor's recommendation. In some cases, however, where the Department Chair or Program Director perceives a clear conflict of interest or faulty judgment on the part of the faculty member, or where the sanctions suggested by the professor are demonstrably inconsistent with those that resulted from other similar instances of academic misconduct, the Department Chair or Program Director reserve the right to adjust the sanction(s) as appropriate.

A written copy of the decision shall be mailed or e-mailed to the student.

**PLEASE NOTE:** All cases of alleged academic dishonesty will be resolved with the utmost concern for strict confidentiality by those individuals involved in the proceedings. Information about the case will be provided only to those with a need to know in order to perform their job duties.

### 3. Appeal Procedure

In cases where an allegation of any Academic Code of Honor violation occurs and the student does not admit guilt, he/she may pursue the process below. The student will be given an opportunity to provide written evidence in opposition to the charge. Persons who threaten or conduct other acts of retaliation against those individuals who acted in good faith (i.e., honestly and with intentions of being fair) in reporting (even if mistakenly) alleged instances of academic dishonesty will be subject to disciplinary action, including possible suspension or expulsion from Liberty. Any report of alleged academic dishonesty not made in good faith will also be subject to disciplinary action.

Examples of retaliation include, but are not limited to:

- Circumventing the appeal procedure and going directly to a university administrator such as the Dean, the Provost or the Chancellor
- Threatening a faculty member or student
- Harassment
- Verbal or physical abuse
- Verbal or written disrespect to a faculty or staff member (this includes e-mails)
- Offensive or crude language directed at individuals
- Falsely accusing someone of committing academic dishonesty.

A complete overview of the appeal process follows:

1. Within five business days of the notification of an alleged violation, the student may submit a written appeal to the Department Chair or Program Director. The Department Chair or Program Director will review the instructor's report and the student's written appeal, then notify the instructor and the student of his/her decision.
2. Both the student and any Liberty University personnel involved in or affected by the Academic Code of Honor violation will have the right to present their views to the Department Chair or Program Director before any decision is rendered.
3. If the student produces additional support for his/her appeal, the student will be given an opportunity to provide oral evidence in person and written evidence in opposition to the charge.
4. The Department Chair or Program Director will determine whether the student may continue in the class pending the outcome of the appeal.
5. Once informed by the Department Chair or Program Director of the decision, the student may further appeal to the Dean of the appropriate school for review.
6. Once informed by the Dean of the decision, the student may further appeal to the Faculty Senate Committee on Academic & Admissions Standards (CAAS) for further review.

7. In determining whether any violation has occurred, the Committee will apply a "clear and convincing" evidence standard. In some cases, Student Affairs or another University representative may join in the deliberations of the Committee as a non-voting member for the purpose of providing any background information that may be pertinent to the case.
8. If deemed appropriate by the Committee or if requested by the student, the student only may be present in person at the meeting of the Committee where the review will be made.
9. The student will not be permitted to be present after the Committee has received all evidence and begun its deliberation toward a decision.
10. The Committee will inform the Dean of its decision regarding the appeal. The decision of the CAAS in regard to the occurrence of academic dishonesty is final.
11. The student will be informed of the decision of the Committee by the Dean of the appropriate school in writing or by e-mail within ten academic days of the meeting.
12. Should no violation be found, the Committee's report indicating such will be forwarded to the Department Chair or Program Director and faculty member. A report of all findings (either in favor of or against the student) will be sent to the Student Affairs and Registrar's office. The findings will be kept in the student's official record.
13. In cases that do not require a grade of F for Academic Dishonesty, but may require a failed assignment, failure in the course or reduced grade, the professor reserves the right not to report the violation to Student Affairs' or Registrar's office.

### C. REINSTATEMENT

Upon receiving two or more grades of F for academic dishonesty, the student will be dismissed for violation of the Code of Honor. Following dismissal, the student may not be considered for readmission for a minimum of five years. Readmission to the University will follow the academic amnesty policy described in the Academic Catalog. The Dean of the School has the right to refuse readmission of the student to the same degree program from which he or she was dismissed for academic dishonesty.

### INCOMPLETES

Students who are unable to complete coursework by the last day of class due to unavoidable circumstances such as personal illness/injury or family emergencies may appeal to their instructor for a temporary course grade of "I" (Incomplete). The authority for the decision to grant an incomplete completely lies with the instructor. Denial of the request for an incomplete may include, but is not limited to, the student's inability to earn a passing grade with completion of the remaining requirements, as well as an insufficient reason for the request. Students must initiate the request for an incomplete directly to the instructor by the last day of class (before the final exam period for residential classes).

The instructor will establish a new deadline for the completion of the remaining coursework, based on the circumstances. The instructor may grant up to two weeks beyond the last day of the term (or sub-term for Liberty University Online courses) for non-medical circumstances and up to four weeks beyond the last day of the term (or sub-term for Liberty University Online courses) for personal medical circumstances.

For extreme personal medical circumstances, a maximum of eight weeks for Liberty University Online courses and 16 weeks for residential courses may be given as long as sufficient medical documentation (from a medical professional) is presented along with the request. However, while the decision to grant an extended incomplete remains with the instructor, the request and medical documentation needs to be submitted to the registrar’s office. The instructor will be responsible to communicate the remaining requirements, as well as the extended deadline, to the student.

The instructor will post a final grade within two weeks from the deadline established for the incomplete. If a final grade is not posted within two weeks of the deadline, a grade of “F” will be posted by the registrar’s office. A grade of “I” may not be changed to a withdrawal.

The GPA is unaffected by the incomplete until a final grade is posted after the deadline. However, grades of “I” will count as hours attempted and not completed, and will negatively affect a student’s Satisfactory Academic Progress (SAP).

**GRADING POLICIES AND PROCEDURES**

Liberty University Faculty members, both residential and online, must submit final grades for all students to the Registrar at the end of each term. Faculty teaching online courses should have grades submitted to the Registrar on or before the second Wednesday after the course ends. Faculty teaching residential courses should have grades submitted to the Registrar one week after the end of each semester. Liberty University Faculty members, both residential and online, are urged to promptly complete and submit final course grades. Confidentiality of student grades falls under the Family Educational Rights and Privacy Act (FERPA) of 1974. Please see the FERPA section and policies for more information.

**Grading Scales:**

Liberty University incorporates a standardized 1,000-point system across all undergraduate and graduate programs. The undergraduate utilizes a 100-point scale to differentiate between letter grades, while the graduate programs utilize three distinct scales: 80, 70 and 60-point scales to differentiate between letter grades. Each academic department determines the scale used within the department. The grading scale for each course will be posted within the syllabus for each course. Students are encouraged to review the syllabus for each course individually to verify the grade scale.

Undergraduate Grading Scale (100 point scale)			
<b>A</b>	900	to	1,000
<b>B</b>	800	to	899
<b>C</b>	700	to	799
<b>D</b>	600	to	699
<b>F</b>	599 and Below		

**RECORDING OF GRADES**

All grades will be recorded in the Registrar’s Office as reported by the instructors in charge of the various courses. Requests for grade changes may be submitted in writing only by the instructor.

Any extra credit assignments that are a part of the instructor’s syllabus must be completed prior to the final exam for the course. A student may not submit assignments for extra credit after the semester has ended and a final exam has been given.

**GRADE APPEAL PROCESS**

The appeal process for believed errors on grade reports is as follows:

1. The appeal of the grade must be initiated within 30 days from the beginning of the subsequent semester. The student must submit a written rationale to the instructor. The instructor must respond in writing within 10 days of the receipt of the written appeal.
2. If the student is not satisfied with the written response, the student must appeal in writing to the Department Chair within 10 days of the written response. The Department Chair must provide a written response within 10 days of the receipt of the written appeal.
3. If the student is not satisfied with the response of the Department Chair, the student must provide a written appeal within 10 days of the response to the Dean of the College/School. The Dean of the College/School must respond in writing within 10 days of the receipt of the written appeal.
4. If the student is not satisfied with the response of the Dean, the student must appeal in writing within 10 days to the Senate Committee on Academic and Admission Standards (CAAS). Contact with the committee chair may be initiated by emailing the Registrar’s Office. The CAAS will follow the prescribed procedure of the Committee for the appeal of a grade. The recommendation of the Committee will be forwarded in writing, along with all previous documentation, to the Provost/Senior VPAA. The decision of the Provost/Senior VPAA is considered final.

**ACADEMIC TRANSCRIPTS**

Official transcripts are made only at the written, signed request of the student concerned. No transcript will be issued for anyone who has failed to meet all financial obligations to the University. Requests for transcripts are to be made directly to the Registrar’s Office. There is a \$10.00 fee for one transcript. Additional transcript requests **made at the same time** are \$1.00 each.

**FERPA – PRIVACY OF STUDENT RECORDS: FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT**

Students attending, or who have attended, Liberty University are given certain rights under the Family Educational Rights and Privacy Act of 1974 as amended (20 U.S.C. 1232g) and Rules of the Department of Education (34 C.F.R. Part 99) implementing this Act.

Additional information and University policies regarding the protection of student records are published online at <http://www.liberty.edu/ferpa>.

**GRADUATION HONORS**

Honors for graduation will be determined by the cumulative grade point average earned at Liberty. Bachelor’s degree students who have earned 60 or more hours at Liberty must meet the following GPA standards to earn the corresponding academic distinction:

- 3.50 – 3.66 cum laude
- 3.67 – 3.84 magna cum laude
- 3.85 and above summa cum laude

Those who have earned less than 60 hours at Liberty must meet the following GPA standards:

- 3.60 – 3.76 cum laude
- 3.77 – 3.94 magna cum laude
- 3.95 and above summa cum laude

The specific honor calculated on or around April 1 of the student's graduation year will be printed in the Commencement program, and the student will wear that particular honor cord. The final cumulative GPA will be determined after all grades have been recorded and that final cumulative GPA will determine the specific honor that will be printed on the diploma and transcript.

Associate degree students who have a 3.50 cumulative GPA will receive honors at Commencement. Graduation honors are not applicable to certificate seeking students.

Students graduating in the honors program wear a gold medallion during commencement.

To receive the distinction of graduating with honors in the University Honors Program, a student must meet the following requirements, in addition to those mentioned above:

1. Must complete a minimum of 36 hours in honors courses, if the student entered the Honors Program at the beginning of his freshman year. Of these 36 hours, 24 hours are to be taken in the honors sections of General Education courses; 9 have to be taken within the major; and
2. Must enroll in HONR 495 and complete a 25-page senior honors thesis in the student's major field of study.

#### CERTIFICATE COMPLETION REQUIREMENTS

All matriculated students, whether Resident or Liberty University Online, must meet the same academic requirements for certificate completion. Online certificate-seeking students must have all courses within the certificate successfully completed before being considered candidates for the awarding of a certificate.

1. The undergraduate certificate requires a minimum of 18 semester hours. Each program differs; therefore, the student must follow the certificate requirements carefully.
2. Each undergraduate certificate program requires a minimum GPA of 2.00.
3. To satisfy the requirements for the fields of study, only final grades of C or above, in all certificate courses, will apply towards successful certificate completion.
4. Students who return to Liberty to complete a second certificate at the undergraduate level must have at least 3 credit hours remaining and must take a minimum of 3 additional hours of coursework at Liberty to qualify for a second certificate.
5. All 18 semester hours of the certificate coursework must be completed at Liberty.
6. A Certificate Completion Application must be filled out at the beginning of the final semester before the certificate can be awarded. The Certificate Completion Application is found online at: <http://www.liberty.edu/index.cfm?PID=4849>.
7. The Registrar's Office will process the conferral of a certificate once all certificate requirements have been met, including the minimum GPA requirement and certificate completion application. If a student wishes to take further non-applicable coursework, they must do so under a new application.

#### GRADUATION REQUIREMENTS

All undergraduate residential students must meet these requirements for graduation.

1. Undergraduate students must have all courses in the General Education core and in the declared major and minor completed before being considered candidates for graduation.
2. The bachelor's degree requires a minimum of 120 semester hours. However, certain majors require more than 120 hours. Of these total hours, a specified number of upper-level (300-400) courses must be completed with the minimum number being 30 semester hours. Each program differs; therefore, the student must follow the degree requirements carefully. The Associate degrees require a minimum of 60 semester hours. However, many majors require more than 60 hours.
3. All Christian/Community Service requirements must be satisfied before a degree will be awarded.
4. Each undergraduate degree program consists of designated General Education Core Competency requirements, major requirements, and in many cases, free electives. Free electives may be taken from the undergraduate courses offered in any department. A GPA of 2.00 or higher, unless otherwise specified in a particular major or minor, is required for graduation.
5. All CLEP and ICE tests must be completed prior to the start of the student's final semester before graduation, unless a special exception was granted by the Registrar's Office.
6. To satisfy the requirements for the major and minor fields of study, only grades of C or above in upper level courses may be included. This includes directed electives. All professional courses in a teacher preparation program require a grade of C or better. Certain majors require a grade of C or better in all major courses.
7. Students who return to Liberty to complete a second major at the undergraduate level must take a minimum of 30 additional hours of coursework at Liberty to qualify for a second degree.
8. **At least twenty-five percent of the credit hours required for the bachelor's degree** must be completed at Liberty. Fifty percent of the semester hours in the major and minor must be completed at Liberty, unless otherwise specified within the degree requirements. **At least twenty-five percent of the credit hours required for the associate's degree** must be completed at Liberty, and with the exception of the A.A. in General Studies, 50% of the hours in the major component of the Associate degree must be completed at Liberty.
9. NSSR 101 (New Student Seminar) is required.
10. CRST 290 (Creation Studies) is required.
11. Technology Competency
12. Submission of graduation application
13. The Registrar's Office will process the conferral of a degree once all degree requirements have been met, including the minimum GPA requirement and graduation application. If a student wishes to take further non-applicable coursework, they must do so under a new application.



**GRADUATION CHECKLIST**

After the matriculated **bachelor’s degree** candidate has completed 75 hours toward graduation, the Center for Academic Support and Advising Services (CASAS) will evaluate the academic and Christian/Community Service record using the transcript and any approved exceptions to the program which might have been placed in the file.

The **associate’s degree** student will be evaluated after completing 30 hours toward graduation. Every attempt will be made to keep students informed of curricular changes so that time is given for correcting any deficiencies prior to graduation.

Students are also encouraged to utilize the DCP Audit on ASIST in order to determine which requirements may still be outstanding.

**Students who break enrollment will be required to follow the degree requirements in effect at the time of re-entry to the University.**

**GRADUATION APPROVAL**

All candidates for graduation must be approved by the Faculty and the Board of Trustees. Conditions such as transfer credit and incomplete grades should be satisfied by the beginning of the candidate’s last semester.

**GRADUATION CEREMONY**

Degrees are granted throughout the academic school year. All candidates for degrees may participate in the annual graduation exercises which take place in May.

**TIME LIMITS FOR DEGREE COMPLETION**

Students pursuing a certificate must complete the certificate requirements within three (3) years of the date of matriculation.

Students pursuing an associate’s degree must complete the degree requirements within seven (7) years of the date of matriculation.

Students pursuing a bachelor’s degree must complete the degree requirement within 10 years of the date of matriculation.

Any student who does not complete coursework within the permissible time limit for any reason, including discontinued enrollment, must reapply for readmission and will be subject to the requirements of the Catalog and Degree/Certificate Completion Plan (DCP/CCP) in effect at the time of his/her readmission.

A break in enrollment occurs when the student fails to re-enroll from one semester to the next. Students who break enrollment must apply for readmission and will be subject to the requirements of the Catalog and degree requirements in effect at the time of their readmission.

# Academic Information and Policies – Online Program

**Luke Gentala, B.S., M.A.R.**

*University Registrar*

**Michael Shenkle, B.S., M.B.A.**

*Senior Associate Registrar*

**Kailyn Cheung, B.S., M.S.**

*Associate Registrar for Academic Operations*

**Helene Vance, B.A., M.B.A.**

*Associate Registrar for Online Undergraduate Programs*

**Dina Johnston, B.S., M.A.**

*Assistant Registrar for Online Undergraduate Programs*

## SEMESTER CREDIT SYSTEM

The University operates on the semester system. The unit for counting credit is the semester hour. A semester hour of credit consists of the equivalent of one 50-minute period of class work for fifteen weeks, with an assumption of two hours of outside preparation or two 50-minute periods of laboratory work for each semester hour. Online courses are equivalent to the number of classroom contact hours (750 minutes per credit hour) expected in a synchronous residential course.

## PART TIME VS. FULL TIME

To qualify as a full-time undergraduate student, you must be enrolled in a minimum of 12 credit hours. A part-time student must be enrolled from 6 to 11 credit hours.

## SEMESTER LOAD AND OVERLOAD

The Liberty University Online semesters consist of several sub-terms. Most sub-terms are 8-weeks or 16-weeks in length, and may begin and end at different times within the semester.

The usual semester load for full-time undergraduate online students is 12 hours per semester. Students must secure permission to take more than 18 hours in a semester. A student who has established a cumulative GPA of 3.00 or better may, with the approval of the Associate Registrar, take up to 21 hours; 22-24 hours requires approval of the Associate Registrar and a cumulative GPA of 3.50. In certain circumstances, exceptions above 24 hours may be approved.

## CERTIFICATE ENROLLED STUDENTS

Certificate students are required to abide by some of the same policies as Undergraduate degree seeking students. These policies include: change of major, course registration, class attendance, drop and withdrawal processes, Repeat Policy, broken enrollment, academic and personal codes of honor, incompletes, recording of grades and the grade appeal process, FERPA, and Academic Transcript processes. Those policies that do not pertain to the certificate seeking student will be noted in the following sections.

## STUDENT CLASSIFICATION

The classification of students at Liberty is based on their degree level and number of earned semester hours.

<b>Classification</b>	<b>Semester Hours Earned</b>
Freshman	0—23.99
Sophomore	24.00—47.99
Junior	48.00—71.99
Senior	72.00—and above

## GRADES, QUALITY POINTS, AND GRADE POINT AVERAGE (GPA)

All work is graded by letters which are assigned quality points as indicated below:

<b>Grade</b>	<b>Meaning</b>	<b>Quality Points Per Semester Hour</b>
A	Excellent	4
AU	Audit	0
B	Good	3
C	Average	2
D	Poor	1
F	Failure	0
FN	Failure for Non-Attendance	0
I	Incomplete	0
IP	In Progress	0
NP	Did Not Pass	0
P	Pass	0
Q	Academic Amnesty	0
R*	Course Repeated	0
W	Withdrew	0

A student's cumulative GPA is comprised of all coursework completed at the current academic level (Undergraduate, Graduate, Doctoral, etc.) regardless of prior degree conferral, broken enrollment or a program/major change. To determine the grade point average, (GPA) the quality points earned are divided by the semester hours attempted (quality hours). Only courses taken at Liberty are used in computing the GPA. Only grades of A, B, C, D, F and FN are used in the calculation of the GPA.

\*"R" is no longer an active option for a grade. Please see the Undergraduate Repeat Policy section for the current policy.

## DEAN'S LIST

Undergraduate associate and bachelor level students who earn 12 or more GPA hours with a term GPA of 3.50 or above are placed on the Dean's List. This does not apply for certificate level students.

## COMPUTER COMPETENCY

Students are expected to have adequate experience in computer applications such as word processing, spreadsheets, database, Internet research, media presentations, and email communication. Undergraduate students lacking such experience should register for INFT 110 – *Computer Concepts and Applications*, in their first semester.

## COURSE PLANNING

A course planning schedule is provided in order for students to plan their classes for upcoming semesters. The planning schedule presents every class offered and the terms where it is scheduled to be taught. This schedule is sorted alphabetically by class. The course planning schedule is published online at:

<http://www.liberty.edu/academics/registrar/index.cfm?PID=23103>.

## Transfer of Credits

Normally courses and degrees from regionally accredited institutions or those nationally accredited by accrediting agencies recognized by the U.S. Department of Education (e.g., SACSCOC, TRACS, ABHE, etc.) will be evaluated for transfer of credit. However, on a limited basis Liberty does accept transfer credit via experiential learning, advanced placement and professional certificates from unaccredited institutions under certain terms and

conditions established by Committee on Academic and Admissions Standards. Credit earned through this process will not be counted toward the required minimum of 50% of the major and 30 hours of credit that must be completed through Liberty University. Also, credit earned through the portfolio process or professional certificate evaluation cannot exceed 30 credit hours. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Registrar’s Office at Liberty University. These transcripts must be received before an admission decision will be made.

Credit will be accepted for those courses that are undergraduate level in which applicants have made a grade of C or better. Transcripts are evaluated under the guidelines established by the Senate Committee on Academic and Admissions Standards. Internships, capstone courses, special topics, remedial courses, workshops, seminars, independent studies, and varsity courses are not transferable. Students may appeal their transfer evaluation with a course description and Transfer Inquiry Form.

At any point prior to degree conferral, students may petition to have courses that are listed as electives substitute for required courses by using the Course Substitution form.

**INTERNATIONAL TRANSFER CREDIT**

The evaluation of international transfer credit requires students to submit a translated official transcript in conjunction with course descriptions prior to the approval process. International transfer credit is accepted only from an institution recognized by the government of the country in which the institution is located.

Foreign students are encouraged and sometimes required to use foreign credential evaluation services such as World Education Services ([www.wes.org](http://www.wes.org)) to have their transcripts validated and evaluated before sending them to Liberty University. A credential evaluation service must be a member of the National Association of Credential Evaluation Services ([www.naces.org](http://www.naces.org)) before it can be accepted at Liberty University.

**CREDIT BY EXAMINATION**

Liberty University offers students the opportunity to receive academic credit toward their undergraduate degrees through testing. Credit may be earned through the Advanced Placement, CLEP, ICE, DSST, Excelsior and Federal Aviation Administration programs. The items listed above, and the following credit by examination options, are not applicable to certificate seeking students.

**Advanced Placement (AP)**

Students who receive a score of 3 or higher on the College Board Advanced Placement examinations will be awarded academic credit toward an undergraduate degree. Credit will be awarded only in those areas applicable to the Liberty curriculum.

AP Title	Required Score	LU Course(s)	Credit Hours
Art History	3	CSTU 101	3
Biology	3	BIOL 101 / 103	4
Calculus AB	3	MATH 126	3
	4	MATH 131	4
Calculus BC	3	MATH 126	3
	4	MATH 131 / 132	8
Calculus AB Sub-score	3	MATH 126	3
	4	MATH 131	4
Chemistry	3	CHEM 121 / 122	8
Chinese Language & Culture	3	CHIN 101 / 102	6
	4	CHIN 101 / 102 / 201	9

AP Title	Required Score	LU Course(s)	Credit Hours
	5	CHIN 101/ 102/ 201 / 202	12
Comparative Politics	3	GOVT 330	3
Computer Science A	3	BMIS 212	3
Computer Science AB	3	CSCI 111 / 112	6
Economics – Micro	3	ECON 213	3
Economics – Macro	3	ECON 214	3
English Language	3	ENGL 101	3
English Literature	3	ENGL 102	3
Environmental Science	3	ENVR 215	3
European History	3	HIEU 201 / 202	6
	3	FREN 101 / 102	6
	4	FREN 101 / 102 / 201	9
French Language	5	FREN 101 / 102 / 201 / 202	12
	3	GRMN 101 / 102	6
German Language	4	GRMN 101 / 102 / 201	9
	5	GRMN 101 / 102 / 201 / 202	12
	3	GOVT 220	3
Government & Politics: U.S.	3	GOVT 220	3
Human Geography	3	GEOG 200	3
Physics B	3	PHYS 201	4
	4	PHYS 201 / 202	8
Physics C – Mechanics	3	PHYS 231	4
Physics C – Electricity	3	PHYS 232	4
Psychology	3	PSYC 101	3
	3	SPAN 101 / 102	6
	4	SPAN 101 / 102 / 201	9
Spanish Language	5	SPAN 101 / 102 / 201 / 202	12
	3	MATH 201	3
Statistics	3	MATH 201	3
Studio Art Drawing	3	ARTS 211	3
U.S. History	3	HIUS 221 / 222	6
World History	3	HIEU 201 / 202	6

Information about these examinations may be obtained by writing to: The College Board; Advanced Placement Examination; P.O. Box 977; Princeton, New Jersey 08450.

**College-Level Examination Program (CLEP)**

The College-Level Examination Program (CLEP), sponsored by The College Board, offers a unique opportunity to gain college credit for knowledge that a student has acquired. The program includes several tests covering a variety of subjects. Students who meet or exceed the Liberty University minimum score will receive the corresponding credit. Students may take the CLEP exam at a local testing center in their area. Students can find an approved testing center by checking [www.collegeboard.com/clep](http://www.collegeboard.com/clep). Upon completion of the CLEP exam, students should request the official scores to be sent directly to Liberty University for evaluation.

CLEP Subject Area	Minimum Score	LU Course(s)	Credit Hours
American Government	50	GOVT 220	3
American Literature	50	ENGL 201/202	6
Analyzing and Interpreting Literature <i>with essay required</i>	50	ENGL 102	3
Analyzing and Interpreting Literature <i>without essay required</i>	50	ENGL 1XX	3

**ACADEMIC INFORMATION AND POLICIES – ONLINE PROGRAM**

<b>CLEP Subject Area</b>	<b>Minimum Score</b>	<b>LU Course(s)</b>	<b>Credit Hours</b>
Business Law	50	BUSI 301	3
Calculus Elem Functions	50	MATH 131	4
College Algebra	50	MATH 121	3
College Math	50	MATH 115	3
College Composition	50	ENGL 101	3
College Composition Modular	60	ENGL 101	3
Educational Psychology	50	PSYC 311	3
English Literature	50	ENGL 215/216	6
Financial Accounting	50	ACCT 211	3
General Biology	50	BIOL 101/102	6
General Chemistry	50	CHEM 121/122	8
	38	FREN 101	3
	50	FREN 101/102	6
French Language	57	FREN 101/ 102/ 201	9
	63	FREN 101/ 102/ 201/ 202	12
	38	GRMN 101	3
	50	GRMN 101/102	6
German Language	57	GRMN 101/102/ 201	9
	63	GRMN 101/102/ 201/202	12
History of US I	50	HIUS 221	3
History of US II	50	HIUS 222	3
Human Growth & Development	50	PSYC 210	3
Humanities	50	ENGL 221 CSTU 101	6
Information Systems and Computer Applications	50	INFT 110	3
Introduction to Psychology	50	PSYC 101	3
Introduction to Sociology	50	SOCI 200	3
Macro-Economics	50	ECON 214	3
Management	53	BUSI 310	3
Marketing	50	BUSI 330	3
Micro-Economics	50	ECON 213	3
Natural Sciences	50	BIOL 101 PHYS 101	6
Pre-Calculus	50	MATH 128	3
Social Sciences and History	50	SOCI 200 HIEU 201	6
	38	SPAN 101	3
	50	SPAN 101/102	6
Spanish Language	57	SPAN 101/102 /201	9
	63	SPAN 101/102 /201/202	12
Western Civilization I	50	HIEU 201	3
Western Civilization II	50	HIEU 202	3

**Institutional Challenge Examinations (ICE)**

To apply for credit by examination, students must submit the ICE Request form to the ICE Coordinator. A registration fee of \$50 will be charged for each ICE registration. A \$45 passing fee will only be applied if a student should pass the exam. Such requests are subject to the following guidelines:

1. Requests must be submitted through the ICE coordinator (luoice@liberty.edu) using the ICE Request form located at <http://www.luonline.com/index.cfm?pid=14243>.
2. The minimum passing score for the undergraduate level courses is 70%.
3. A maximum of 30 hours of ICE credits will be accepted toward an undergraduate degree; the number of credits that may be applied toward each major may vary.

4. Students may not take the ICE if the course has previously been taken or is currently being taken.
5. ICE credits may not be applied toward residency hours.
6. Each exam will be available for 30 days after registering for it. After the deadline, it cannot be accessed.
7. Liberty University Online students may take the following ICE exams online:

BIBL 104	<i>Survey of Biblical Literature</i>
BIBL 105	<i>Old Testament Survey</i>
BIBL 110	<i>New Testament Survey</i>
BIBL 450	<i>Daniel-Revelation</i>
BIBL 497	<i>Bible Prophecies</i>
BMIS 200	<i>Enterprise Business Applications and Communications</i>
THEO 104	<i>Introduction to Christian Thought</i>
THEO 201	<i>Theology Survey I</i>
THEO 202	<i>Theology Survey II</i>

**Dantes Subject Standardized Tests (DSSTs)**

Undergraduate college credit may be earned through the DANTES Subject Standardized Tests (DSSTs) program, which is administered by Educational Testing Services (ETS) in conjunction with DANTES. Examinations are available to both military personnel and civilians. Students may find an approved testing center and view fact sheets for various tests that are offered at [www.getcollegecredit.com](http://www.getcollegecredit.com). A complete list of accepted exams, course equivalency and the minimum required score is available at <http://www.luonline.com/index.cfm?PID=16931>.

**Excelsior College Exam Credit**

Excelsior College exams are approved for credit in the Liberty University Online program. Undergraduate college credit may be earned through Excelsior College Exams. For further information on earning credit through Excelsior exams, go to: <http://www.excelsior.edu/ecapps/exams/creditByExam.jsf>. The following courses are subject for credit, based on the scores earned.

<b>Excelsior Exam</b>	<b>Minimum Score</b>	<b>LU Course(s)</b>	<b>Credit Hours</b>
Abnormal Psychology	C	PSYC 430	3
Adult Nursing*	C	HLTH 4XX	8
Anatomy and Physiology	C	BIOL 215	6
Bioethics	C	PHIL 4XX	3
College Writing	C	ENGL 101	3
Community Focused Nursing*	C	HLTH 4XX	4
Corporate Finance	C	BUSI 320	3
Cultural Diversity	C	SOCI 3XX	3
Earth Science	C	PHSC 210	3
English Composition	C	ENGL 101	3
Essentials of Nursing Care: Chronicity*	C	HLTH 2XX	3
Essentials of Nursing Care: Health Differences*	C	HLTH 2XX	3
Essentials of Nursing Care: Health Safety*	C	HLTH 2XX	3
Essentials of Nursing Care: Reproductive Health*	C	HLTH 2XX	3
Ethics: Theory and Practice	C	PHIL 3XX	3
Foundations of Gerontology	C	PSYC 336	3
Fundamentals of Nursing*	C	HLTH 2XX	8
Health Differences Across the Life Span I*	C	HLTH 2XX	3

Excelsior Exam	Minimum Score	LU Course(s)	Credit Hours
Health Differences Across the Life Span II*	C	HLTH 2XX	3
Health Differences Across the Life Span III*	C	HLTH 2XX	3
Human Resource Management	C	BUSI 342	3
Interpersonal Communication	C	SCOM 325	3
Introduction to Philosophy	C	PHIL 201	3
Juvenile Delinquency	C	CJUS 310	3
Labor Relations	C	BUSI 343	3
Lifespan Developmental Psychology	C	PSYC 210	3
Literacy Instruction in the Elementary School	C	EDUC 302	3
Maternal and Child Nursing*	C	HLTH 4XX	8
Microbiology	C	BIOL 203/204	3
Organizational Behavior	C	BUSI 340	3
Psychiatric/Mental Health Nursing*	C	HLTH 4XX	8
Psychology of Adulthood & Aging	C	PSYC 235	3
Religions of the World	C	ANTH 203	3
Research in Nursing*	C	HLTH 4XX	3
Research Methods in Psychology	C	PSYC 255	3
Social Psychology	C	PSYC 312	3
Statistics	C	MATH 201	3
Transition to the Registered Professional Nurse Role*	C	HLTH 2XX	3
World Conflicts	C	GOVT 340	3

\*Credit restricted to non-Nursing majors

### EXPERIENTIAL LEARNING CREDIT

A maximum of 30 hours of Life Experience credits can be awarded and applied towards an undergraduate degree at Liberty University.

A precedent has been established for the following fields, and these credits will be awarded to students who can document proof of licenses, certificates, and training programs in the fields below. Students are *not* required to enroll in GEED 205 or submit portfolios for the following:

- Aviation (Private and Commercial Pilot's)
- Certified Financial Planner
- Certified Pharmacy Technician
- Certified Project Manager
- Child Development Associate (CDA)
- Child Evangelism Fellowship (CMI Diploma)
- Cisco Associate Certifications
- Cisco Professional Certifications
- Corrections Officer
- Emergency Medical Technician
- Insurance License
- Law Enforcement Officers
- MOUS (Microsoft Office Specialist)
- Expert MOUS
- Real Estate Broker
- Securities Exam Series 7

There are some portfolios/courses that will not be admitted, such as COMS courses, GOVT 200, internship courses, capstone courses, as well as other courses not approved by academic departments. Please note that admission of a portfolio does not guarantee that credit will be awarded.

Students may petition for credit via portfolio for courses in which they feel they can show sufficient proof of learning and knowledge.

The Portfolio Guidelines are as follows:

- Seek tentative approval from the Liberty University Online Portfolio Coordinator at [pla@liberty.edu](mailto:pla@liberty.edu).
- Enroll in GEED 205 – *Learning Theory & Portfolio Development*, which is required prior to portfolio submission, and successfully complete the course. Education students should enroll in EDUC 205, which has a portfolio option.
- Prepare a portfolio(s) using the guidelines established at <http://www.liberty.edu/online/index.cfm?PID=15141>.
- Submit a portfolio for each course that has been tentatively approved by the Portfolio Coordinator.
- Pay a \$100 assessment fee per portfolio.
- The portfolio will be assessed by the Liberty University Online Faculty Assessor and Associate Dean within 4 weeks.
- Once the assessment is complete, the Portfolio Coordinator will send an email notice regarding approval.
- Portfolios may not be submitted for COMS 101, GOVT 200, Internships or Capstone Courses.
- The hours awarded are counted as transfer hours and are not considered as hours earned at Liberty University.

Please note that credit earned through the portfolio process and/or a certificate of completion will be limited to a combined maximum of 30 hours.

### Military Evaluations

Liberty University will evaluate students' prior military experience and develop a degree plan for each student to follow. Evaluations will be based solely upon the recommendations of the American Council of Education (ACE) guidebook, *Guide to the Evaluation of Educational Experiences in the Armed Services*. Students will generally find that the Interdisciplinary major maximizes the use of their existing credits.

### CREDIT FOR SEMINARS

As part of the "action-oriented" curriculum at Liberty, certain seminars and travel opportunities are offered for academic credit. Students who wish to obtain credit for such activities must receive prior approval from the Registrar.

### COURSEWORK AT OTHER INSTITUTIONS

Prior to registering for any course at another institution, students must submit a Transient Request Form to guarantee transferability. The online form can be found at <http://www.luonline.com/index.cfm?PID=14241>.

### CHANGE OF CERTIFICATE

Liberty University Online students select their certificate of study when they apply. If a student decides to change the certificate they are seeking, the online student must contact the Academic Advising Department and request to change his/her certificate of study via phone or Liberty University webmail account. Certificate changes become effective for the semester following their request.

### CHANGE OF MAJOR

Liberty University Online students select their major when they apply. If a student decides to change their major, the online student must contact the Academic Advising Department and request to change his/her major via phone or Liberty University webmail account. All requests for a change of major will be processed by the Registrar's Office upon receipt, and will be effective the following full term of enrollment.

**DOUBLE MAJORS**

Undergraduate associate and bachelor level students who wish to complete a double major must contact the Academic Advising Department and declare the double major via phone or their Liberty University webmail account. Double majors are not applicable to certificate seeking students.

Students pursuing a bachelor's degree must have 30 unique hours within the core of the first or second major or degree. The foundational and investigative studies may be shared if they are the same, however, if any requirements are different, the student must fulfill the higher of the two requirements.

The requirements from one major can be used as electives for the second major, and vice versa. At least 50% of the course work in each major must be earned at Liberty University.

Students who wish to earn an A.A. degree with two majors must have at least 15 unique hours in the core of the first or second major.

Students with a conferred A.A. degree who wish to earn a second A.A. degree must complete at least 15 additional hours through Liberty University, and there must be at least 15 unique hours in the core of the second major.

Students who currently hold a bachelor's degree and want to pursue an associate's degree will need to take a minimum of 15-hours through Liberty University of which 15-hours must be unique in the core of the major.

Students who currently hold a bachelor's degree and want to pursue another bachelor's degree will need to take a minimum of 30-additional hours through Liberty University of which 30-hours must be unique in the core of the major.

**DUPLICATE CREDIT**

In the event that a student earns credit for the same course more than one time, whether at Liberty, at another college, or through standardized testing, that course/credit may only count one time toward the completion of his/her degree. The only exception to this would be if the course/credit is approved by the academic department or administration to be used more than one time toward a student's degree/major.

**CERTIFICATE TO ANOTHER CERTIFICATE OR DEGREE SEEKING PROGRAM**

Online certificate students who would like to either select another certificate after completing one certificate or move onto a degree seeking program upon completion of the certificate must contact Liberty University Online Admissions to apply for readmission to another certificate or degree-seeking program. All courses taken within the undergraduate certificate will transfer directly into the undergraduate certificate or degree program, only if applicable. Students must have at least one outstanding course requirement for the new certificate in order to have the new certificate awarded.

If a student chooses not to finish the undergraduate certificate and switch to a degree seeking program, a new application must be submitted and accepted in order to proceed to a degree seeking program. Upon acceptance to the new program, the previously earned courses will only apply to that new program if the courses meet the grade and GPA requirements necessary for that certificate or degree program.

**CERTIFICATE COMPLETION PLAN AUDIT**

The Certificate Completion Plan Audit (found under Degree Completion Plan Audit via ASIST) provides real-time advice and counsel, making it possible for students to track progress towards certificate completion at their convenience. It also enables students to see immediately how their credits will apply towards a

different program. PDF versions of all CCPs are available online at <http://www.liberty.edu/index.cfm?PID=2981>.

**DEGREE COMPLETION PLAN (DCP) AUDIT**

The Degree Completion Plan (DCP) Audit provides real-time advice and counsel, making it possible for students to track progress towards degree completion at their convenience. It also enables students to immediately see how their credits will apply towards a different degree program. PDF versions of all DCPs are available online at <http://www.liberty.edu/index.cfm?PID=2981>.

**GENERAL EDUCATION REQUIREMENTS FOR OUT OF STATE STUDENTS**

In addition to Liberty University's general education requirements, distance education students may also be required to fulfill additional requirements set by their home states. Specific Degree Completion Plans for each state whose requirements differ are available from Liberty University Online Advising. This does not apply for certificate seeking students.

**IMPORTANT INFORMATION REGARDING INTERNSHIPS AND CLINICAL PLACEMENTS**

Students who are pursuing degrees leading to application for professional licensure or certification, and/or who will be participating in clinical placements, internships, or practica through their Liberty University program should be aware that their host facility may require a criminal background check, finger printing, or drug screening. In such situations, each student is responsible for obtaining and paying for the background check or other screening process and for delivering required documentation to the facility. Although the university will make reasonable efforts to place admitted students in field experiences and internships, it will be up to the host facility to determine whether a student will be allowed to work at that facility.

Students should further be aware that a criminal record may jeopardize licensure by the State certification body. Students seeking licensure are urged to contact the relevant licensing agency to determine the licensing requirements for the jurisdiction. Successful completion of a program of study at Liberty University does not guarantee licensure, certification, or employment in the relevant occupation.

**MINORS**

Students at Liberty University are not required to complete a minor. Those students in a Bachelor's program who wish to declare a minor, however, are encouraged to contact the Academic Advising Department to review the requirements for that minor. A minor on the student's transcript indicates the completion of a block of courses that academic departments have specified as meeting the requirements of their minor.

Consequently, since the selection of a minor is not a graduation requirement for any major at Liberty, students may use courses required for any given major to also count toward a minor if such courses are required for the minor. Students must earn a "C" or higher in all upper level courses in their chosen minor. At least 50% of the course work must be earned at Liberty University. Minors are not applicable for associate level or certificate seeking students.

**SPECIAL STUDENT REGISTRATION**

1. Prospective students who do not want to be degree-seeking, or only want to take a few courses at Liberty, must apply as a Special Student and receive confirmation of acceptance.
2. Special Students may not accumulate more than 12 credit hours under this status.
3. In order to register, Liberty University Online students must apply as special students on the application.

4. Students who have been Academically Dismissed are not eligible to return to Liberty under the Special Student category.

### **COURSE REGISTRATION, ACTIVATION, AND COMPLETION DATES**

Students may register for courses online through ASIST. A student's enrollment period (course activation) begins the first day of the upcoming sub-term, provided that the student is in good academic standing and has completed Financial Check-In. Students are encouraged to allow sufficient time to review their course materials before the beginning of the sub-term. See the University calendar for sub-term dates.

The student has 8 weeks from the sub-term course activation date to complete the course. In some cases, courses are 16 weeks in length. For these courses, the student has 16 weeks from the sub-term course activation date to complete the course. Students are expected to submit tests and course work throughout the term. At the end of the first week of each sub-term, courses are reviewed to determine if the student is attending in the course. If the student has not submitted an academic assignment (such as the course requirements checklist, an examination, written paper or project, discussion board post, email to a professor, or other academic event), the student will be dropped from the course roster at the end of week one and will not be allowed to submit further course work. The student may appeal to their instructor to remain in the course.

Students who begin attendance by submitting an academic assignment but eventually cease progressing toward the completion of the course will be assigned a grade of FN during the semester.

If the student receives all FNs in a term, the student is subject to the Unofficial Withdrawal procedure which includes the reduction and/or return of all Financial Aid.

Students receiving all Fs in a term must appeal to Financial Aid to receive aid in their next term of enrollment.

Students may drop a course for a full refund, through the day prior to the sub-term begin date. Beginning on the first day of the sub-term, students may withdraw from a course for a grade of W. Failure to submit any or all of the coursework may result in a grade of F or FN.

### **ONLINE CLASS ATTENDANCE**

Regular attendance in online courses is expected throughout the length of the term. Students who do not attend within the first week of a sub-term by submitting an academic assignment (such as the course requirements checklist, an examination, written paper or project, discussion board post, or other academic event) will be dropped from the course roster at the end of week one and will not be allowed to submit further course work. The student may appeal to their instructor to remain in the course.

The student alone assumes responsibility for course work missed from non-attendance. A student who presents the instructor with an adequate and documented reason for absence may be given an opportunity to make up the work missed.

Students who begin attendance by submitting an academic assignment but eventually cease progressing toward the completion of the course will be assigned a grade of FN during the semester.

### **CLASS CANCELLATION POLICY**

From time to time, it may be necessary to cancel a class because of insufficient enrollment or other extenuating circumstances. The decision for such a cancellation is ultimately that of the Provost of the University. Every effort will be made to provide notice of the cancellation at least two weeks prior to the first scheduled meeting of the class. The Registrar's Office will advise the student of the cancellation and any other options

including the possible rescheduling of the class. The University does not assume responsibility for any delay in the anticipated graduation date of individual students that might result from such class cancellations.

### **LATE ASSIGNMENT POLICY**

If the student is unable to complete an assignment on time, then he or she must contact the instructor immediately by Liberty Webmail. Assignments that are submitted after the due date without prior approval from the instructor will receive the following deductions:

1. Late assignments submitted within one week of the due date will receive a 10% deduction.
2. Assignments submitted more than one week late will receive a 20% deduction.
3. Assignments submitted two weeks late or after the final date of the class will not be accepted.
4. Late Discussion Board threads or replies will not be accepted. Special circumstances (e.g. death in the family, personal health issues) will be reviewed by the instructor on a case-by-case basis.

### **COURSE AUDITS**

Students who wish to audit an online course may do so for a fee. Audited courses will not be used to determine full- or part-time status. Auditors will not be expected to take quizzes or examinations. A grade of AU will be recorded on the auditor's permanent record.

Course audits may not be added via ASIST, but must be requested by emailing the Registrar's Office. Requests to audit a course will only be accepted during the registration timeframes before a term starts. Audit requests will be processed and added, pending availability. A student wishing to change from credit to audit status for a course may only do so until the last day of the registration deadline. Requests to change to or from audit status after the registration deadline will be denied.

### **COURSE SUBSTITUTIONS**

A Course Substitution request may be made when a student wishes to substitute one course for another required course when a clear relationship exists between the two. This form may also be used when an academic department approves a complete replacement for a Liberty course requirement. Students requesting these exceptions must submit a "Course Substitution Request" form to [tuotransfer@liberty.edu](mailto:tuotransfer@liberty.edu). Please note that an approved substitution will apply toward the degree requirement(s), but will not change the course number on the student's transcript. Also, a lower-level course substituting for an upper-level requirement will not count toward the total number of upper-level hours required. Course substitutions are not applicable for certificate seeking students. Changing programs or breaking enrollment may invalidate the request.

### **DROPPING, ADDING, WITHDRAWING FROM COURSES**

Liberty University Online students may drop a course at any time prior to the sub-term begin date for a full refund. Students may drop the course by selecting 'drop via web' on their current schedule through the add/drop page under registration on the "Student" tab on ASIST (up until two weeks before the start of the course), or by contacting Liberty University Online Advising by phone or email any time before the first day. The course must be dropped prior to the start date of the course. This is also possible during the first week of class if completed prior to attendance.

**DEFINITION OF ATTENDANCE**

In an effort to comply with U.S. Department of Education policies, attendance is measured by any submission of a required assignment within the enrollment dates of the course (such as examinations, written papers or projects, any discussion board posts, etc.) or initiating any communication with one's professor regarding an academic subject. Attending is defined as completing an academically related activity which includes, but is not limited to:

- Physically attending a class where there is an opportunity for direct interaction between the instructor and students.
- Submitting an academic assignment (in Blackboard or disparate system).
- Taking an exam.
- Taking an interactive tutorial or computer-assisted instruction.
- Attending a study group that is assigned by the school.
- Participating in an online discussion about academic matters.
- Initiating contact with a faculty member to ask a question about the academic subject studied in the course.

Beginning on the first day of the sub-term through the last day of the sub-term, students who have begun attending a course may withdraw with a grade of "W" and receive a pro-rated tuition credit based on the date of the withdrawal and attendance in the course.

Students who do not attend their intensive(s), will be dropped from the course roster. An intensive may be dropped without a grade or a tuition charge, prior to the start date of the course. Class attendance is defined, with the above definition.

**REMEMBER: Any change in status (i.e., from full-time to part-time, etc.) may cause the reduction or cancellation of your financial aid award. In other words, your out-of-pocket expenses may increase.**

***Withdrawal from Liberty***

Online students withdrawing from the University must contact the Liberty University Online Academic Advising Department via the student's Liberty University email account or via the phone to start the process. The withdrawal date will generally be the date the student submitted the intent to withdraw form. If the withdrawal request is mailed or faxed to the Academic Advising Department, the withdrawal date will generally be the date the withdrawal request is received by the University.

Grades of W will be recorded for all courses from which the individual withdraws. A student may not withdraw after the last official day of the course or if all coursework is completed. For intensive courses, a student may not withdraw after the final exam has begun. Students requesting to withdraw will be subject to the Title IV withdrawal calculation. The Title IV withdrawal calculation will result in the reduction and/or cancellation of all Financial Aid. See Financial Information section.

Students who wish to withdraw from one or more courses in a given semester must contact the Liberty University Online Academic Advising Department in writing, via their Liberty University email account or by phone. Students who withdraw from all courses in which they are enrolled will be subject to the Title IV withdrawal regulations and will be reported as withdrawn from the University. However, it will not be necessary to reapply unless more than 12 months have elapsed since the original deadline date of the student's last enrollment period. Students only withdrawing from all courses in a given semester will be allowed to re-enroll in the next semester. However, the student will be subject to the Satisfactory Academic Progress Policy administered by the Financial Aid Office.

**UNOFFICIAL WITHDRAWALS**

The U.S. Department of Education requires that every university monitor the attendance of their students. Liberty University uses the earlier noted definition of attendance to determine what constitutes attendance.

Students who begin a course, but at some point in the semester cease attending, and do not withdraw, will be assigned a grade of "FN" (Failure for Non-Attendance), dated to the student's last date of attendance (based on the definition provided below). A grade of "FN" will be assigned when a student stops attending and/or participating in a class for a period of 21 consecutive days or longer.

The student alone assumes responsibility for course work missed from non-attendance. If a student receives all FN's in a term, he/she is subject to the Unofficial Withdrawal procedure that includes the reduction and/or return of all Financial Aid. Students are fully responsible for all resulting charges on their student account. To review the entire Financial Aid Withdrawal policy, go to [www.liberty.edu/fapolicies](http://www.liberty.edu/fapolicies).

**WITHDRAWAL FROM COURSES**

Students requesting to withdraw from courses during the semester must submit a withdrawal request via the link they will receive when they contact Liberty University Online Academic Advising. Generally, the withdrawal date will be the date the student submitted the intent to withdraw form. A grade of W will be assigned to all courses from which the student withdraws.

**UNDERGRADUATE REPEAT POLICY**

The *Liberty University Undergraduate Repeat Policy* is designed to assist undergraduate students in raising their cumulative grade point average by repeating courses in which they previously performed unsatisfactorily and by removing the previous grade from the GPA calculation.

Undergraduate students are subject to the following conditions:

1. When an undergraduate course is successfully repeated\*, the Undergraduate Repeat Policy will automatically be applied, all earned grades will remain visible on the student's permanent record, and the most recent grade earned will be the only grade to count toward the student's GPA. The Registrar's Office will automatically apply the Undergraduate Repeat Policy at the end of each term<sup>^</sup>, including the summer term, to all eligible courses.
2. On the student's transcript, the letter "E" will follow the previous earned grade(s) to indicate that the grade has been "excluded" from the GPA. The letter "I" will follow the most recent grade to indicate that the grade has been "included" in the student's GPA. The grades which have been excluded from the GPA calculation will not count toward GPA hours or hours earned, but will remain on the student's record as attempted hours. Consultation by the student with the Financial Aid office may be needed to determine how the Repeat Policy will affect the student's Satisfactory Academic Progress.
3. There is no limit on the number of different courses or retakes in which the Undergraduate Repeat Policy may be applied. However, there may be a limited number of times that Federal Financial Aid will pay for a course taken and passed (grade of "D" or higher). It would be wise to consult with a Financial Aid counselor if there are any questions about this.



4. The Undergraduate Repeat Policy will only be used on Liberty University courses that have been repeated at Liberty University. No transfer credit or credit earned through institutional or standardized testing may be used in the Undergraduate Repeat Policy.
5. The Undergraduate Repeat Policy will only be applied when the same course number/title is retaken, unless there's been a university approved course number/title change and the department confirms that the courses are the same. Course replacements/substitutions are not eligible for the Undergraduate Repeat Policy.
6. Undergraduate courses in which a grade of B, C, D, F, or FN was awarded are *eligible* for the Undergraduate Repeat Policy. Courses which are *NOT eligible* for the Undergraduate Repeat Policy are pass/fail courses, zero-credit courses, and courses with grades of AU (audit), I, M, Q, R, W, WF, X, and Z, or those courses failed due to academic dishonesty. Also, courses that are designed as repeatable courses within certain majors will not have the Undergraduate Repeat Policy applied automatically.
7. Activation of the Undergraduate Repeat Policy for a prior semester will not affect the academic standing or dean's list award for that semester. Academic standing or dean's list in a prior semester can only be changed as a result of an approved grade change.
8. Once a student has graduated, the Undergraduate Repeat Policy may not be used on a course taken prior to graduation to enhance the cumulative GPA which was recorded at the time of degree conferral. The repeat of a class after graduation could, however, be used to enhance the students overall undergraduate GPA at Liberty.

\* Final grade has been earned and posted

^ Including sub-terms

#### UNOFFICIAL WITHDRAWAL FOR NON-ATTENDANCE APPEAL PROCESS

Students who receive a grade of "FN" may appeal to their professor to have the grade removed to allow a resumption of work in the course. This appeal must be communicated in written form to the faculty member. Please note, that appeals are reviewed on a case by case basis. If the appeal is granted the student must complete the course with an earned grade.

Students must complete and receive final grades for all courses in a semester before they will be allowed to enroll in the next semester. Students receiving all F's in a term must appeal to Financial Aid to receive aid in their next term of enrollment.

Students may drop a course for a full refund, through the day prior to the sub-term begin date. Beginning on the first day of the sub-term, if a student has attended, he or she must withdraw from a course for a grade of W. Failure to submit coursework after initially attending may result in a grade of F or FN.

#### BREAK IN ENROLLMENT

A break in enrollment occurs when a student is not actively taking a class each academic year. The academic year begins with start of the fall semester and ends with the conclusion of the summer term.

**Students who break enrollment will be required to follow the degree requirements in effect at the time of re-entry to the University.**

### Scholastic Regulations

#### Warning/Probation/Suspension/Dismissal

Students must maintain satisfactory standing in order to remain at Liberty. Satisfactory scholastic standing for students enrolled in an undergraduate program is:

	<u>Minimum GPA</u>
Level 1 (0–23.99 hours)	1.50
Level 2 (24–47.99 hours)	1.65
Level 3 (48–71.99 hours)	1.85
Level 4 (72 or more hours)	2.00

Academic Standing for Liberty University Online students is calculated only at the end of the Fall, Spring and Summer terms.

#### Academic Warning

Students failing to attain and maintain the scholastic standing required are placed on **Academic Warning**. During the next semester, Liberty University Online undergraduate students should plan to limit enrollment to a 13-semester-hour course load and may be required to take CLST 100 or 101.

#### Academic Probation

At the end of the semester on Academic Warning, students who fail to raise the GPA to a satisfactory level (see above) are placed on **Academic Probation**. During the next semester of attendance, Liberty University Online undergraduate students should plan to limit enrollment to a 13-semester-hour course load, and may be required to take CLST 100 or 101.

#### Academic Suspension

At the end of the semester on Academic Probation, students who fail to raise the GPA to the required academic level (see above) are placed on **Academic Suspension**. Students who desire to continue their studies must submit a written appeal to the Registrar's Office. The Associate Registrar will review the appeal, and if it is approved, an Academic Contract will be formulated. The student must agree in writing to abide by the terms of the contract before being permitted to register for courses. If a student is a re-applicant to Liberty University Online, the student must agree in writing to abide by the terms of the contract prior to being approved for re-admission. Students who are enrolled for 12 or more hours and fail all courses within any given term will be **Academically Suspended**.

#### Academic Dismissal

Students who are permitted to take classes while on the status of Academic Suspension and who fail to raise the GPA to the required academic level (see above) by the end of the semester or fail to meet the terms of their Academic Contract will be **Academically Dismissed**, and will not be allowed to return to Liberty unless qualifying for Academic Amnesty.

At the end of each semester, students on Academic Warning, Probation, Suspension, and Dismissal will be sent a notification by the Registrar's Office.

#### ACADEMIC AMNESTY

Approval for readmission under Academic Amnesty must be granted by the Office of the Provost. To qualify for academic amnesty, a student must have been academically suspended or academically dismissed from the University, as well as must satisfy the subsequent guidelines for readmission.

1. Not enrolled at the University for a period of two (2) years.
2. A student seeking readmission under academic amnesty must first appeal in writing to the Registrar's Office. The request must be stated clearly and contain: (1) the reason for the request, and (2) efforts made to improve during

absence from Liberty. Corroboration may be requested of the student, i.e. transcripts from other institutions, certificates, awards, etc.

3. The student's appeal, supporting documentation and a recommendation from the Registrar's Office will be presented to the Office of the Provost for a decision. If the appeal is approved, the student will be readmitted on the following provisions:
  - a. Previously earned grades of A, B, and C will remain on the student's record and will calculate into his or her GPA. Grades of D and F are revised to Q.
  - b. Students who have been granted Academic Amnesty are not eligible for graduation honors.

### ***Liberty University Online Code of Honor*** **Certificate, Undergraduate, and Graduate Students**

#### **ACADEMIC AND PERSONAL CODE OF HONOR**

Liberty University is comprised of a network of students, Alumni, faculty, staff and supporters that together form a Christian community based upon the truth of the Bible. This truth defines our foundational principles, from our Doctrinal Statement to the Code of Honor. These principles irrevocably align Liberty University's operational procedures with the long tradition of university culture, which remains distinctively Christian, designed to preserve and advance truth. Our desire is to create a safe, comfortable environment within our community of learning, and we extend our academic and spiritual resources to all of our students with the goal of fostering academic maturity, spiritual growth and character development.

Communities are predicated on shared values and goals. The Code of Honor, an expression of the values from which our Doctrinal Statement was born, defines the fundamental principles by which our community exists. At the core of this code lie two essential concepts: a belief in the significance of all individuals, and a reliance on the existence of objective truth.

While we acknowledge that some may disagree with various elements of the Code of Honor, we maintain the expectation that our students will commit to respect and uphold the Code while enrolled at Liberty University. Adherence to the principles and concepts established within facilitates the success of our students and strengthens the Liberty community.

The Code of Honor can be viewed in its entirety online at <http://www.liberty.edu/index.cfm?PID=19155>.

#### **INCOMPLETES**

Students who are unable to complete coursework by the last day of class due to unavoidable circumstances such as personal illness/injury or family emergencies may appeal to their instructor for a temporary course grade of "I" (Incomplete). The authority for the decision to grant an incomplete completely lies with the instructor. Denial of the request for an incomplete may include, but is not limited to, the student's inability to earn a passing grade with completion of the remaining requirements, as well as an insufficient reason for the request. Students must initiate the request for an incomplete directly to the instructor by the last day of class (before the final exam period for residential classes).

The instructor will establish a new deadline for the completion of the remaining coursework, based on the circumstances. The instructor may grant up to two weeks beyond the last day of the term (or sub-term for Liberty University Online courses) for non-medical circumstances and up to four weeks beyond the last day of the term (or sub-term for Liberty University Online courses) for personal medical circumstances.

For extreme personal medical circumstances, a maximum of eight weeks for Liberty University Online courses and 16 weeks for residential courses may be given as long as sufficient medical documentation (from a medical professional) is presented along with the request. However, while the decision to grant an extended incomplete remains with the instructor, the request and medical documentation needs to be submitted to the Registrar's Office. The instructor will be responsible to communicate the remaining requirements, as well as the extended deadline, to the student.

The instructor will post a final grade within two weeks from the deadline established for the incomplete. If a final grade is not posted within two weeks of the deadline, a grade of "F" will be posted by the registrar's office. A grade of "I" may not be changed to a withdrawal.

The GPA is unaffected by the incomplete until a final grade is posted after the deadline. However, grades of "I" will count as hours attempted and not completed, and will negatively affect a student's Satisfactory Academic Progress (SAP).

#### **Military Deployment**

Liberty University understands the demands placed on today's service member and we are willing to work with our students when their military duty causes delays in their academic progress. According to military policy for Tuition Assistance, the University must post grades within 30-days of the end date of the course. If a military student needs additional time to complete their course requirements due to deployments, extended cruises, unit operational tempo, or other duty-related extenuating circumstances, they have two options:

1. They may contact their professor and request up to an additional 3 weeks to complete the requirements.
2. Should they need more time, they can request a military withdrawal.

Military students must notify their Military Education Office of a course Incomplete if they are receiving Tuition Assistance. Incomplete requests and supporting documents may be faxed to (434) 455-1287 or scanned and emailed to [luomilitary@liberty.edu](mailto:luomilitary@liberty.edu), or mailed to: Liberty University; Liberty University Online; Office of Military Affairs; 1971 University Blvd.; Lynchburg, VA 24515-

#### **GRADING POLICIES AND PROCEDURES**

Liberty University Faculty members, both residential and online, must submit final grades for all students to the Registrar at the end of each term. Faculty teaching online courses should have grades submitted to the Registrar on or before the second Wednesday after the course ends. Faculty teaching residential courses should have grades submitted to the Registrar one week after the end of each semester. Liberty University Faculty members, both residential and online, are urged to promptly complete and submit final course grades. Confidentiality of student grades falls under the Family Educational Rights and Privacy Act (FERPA) of 1974. Please see the FERPA section and policies for more information.

#### **Grading Scales:**

Liberty University incorporates a standardized 1,000-point system across all undergraduate and graduate programs. The undergraduate utilizes a 100-point scale to differentiate between letter grades, while the graduate programs utilize three distinct scales: 80, 70 and 60-point scales to differentiate between letter grades. Each academic department determines the scale used within the department. The grading scale for each course will be posted within the syllabus for each course. Students are encouraged to review the syllabus for each course individually to verify the grade scale.

Undergraduate Grading Scale (100-point scale)			
<b>A</b>	900	to	1,000
<b>B</b>	800	to	899
<b>C</b>	700	to	799
<b>D</b>	600	to	699
<b>F</b>	599	and Below	

**RECORDING OF GRADES**

All grades will be recorded in the Registrar’s Office as reported by the instructors in charge of the various courses. Requests for grade changes may be submitted in writing only by the instructor.

Any extra credit assignments that are a part of the instructor’s syllabus must be completed prior to the final exam for the course. A student may not submit assignments for extra credit after the semester has ended and a final exam has been given.

**GRADE APPEAL PROCESS**

Liberty encourages students to have open and respectful communication with their professor to resolve any concerns regarding individual course assignment grades and/or the final grade for the course. The Grade Appeal Process and form can be found at <http://www.liberty.edu/online/student-advocate-office>.

**Criteria for appeal:**

Only final posted grades may be appealed beyond the professor. Appeals are accepted only when the grade assigned conflicts with:

- The published grading rubrics for the course assignments
- Written communication (i.e., email, announcements, etc.)
- Calculation error on an assignment (resulting in a change to the final grade)

Appeals, other than those mentioned above, will not be reviewed. The student must provide written documentation that demonstrates the occurrence of one or more of the above grounds for appeal. Documentation may be in the form of email correspondence, graded assignments, proof of timely submission, etc.

**Appeal process:**

A student wishing to appeal a final grade must submit the appeal to their professor and seek to resolve the situation with them. If the student wishes to appeal further they must follow the process outlined below:

1. Within 30 calendar days of the end of the term, the student may submit a written appeal to the Online Chair, but should do so through Liberty University Online Advising. The student must include the information required above. The Online Chair will consult with the instructor and review the student’s written appeal. The Online Chair will then notify Liberty University Online Advising, the instructor and the student of his/her decision.
2. If the student has additional support for their appeal, the student may submit a written appeal to the Online Associate Dean, through Liberty University Online Advising after receiving the decision by the Online Chair. This written appeal must be received by Liberty University Online Advising within five (5) business days of the Online Chair’s email. The Online Associate Dean will review the student’s appeal, as well as any information provided by faculty member. When a decision has been reached, the Online Associate Dean will notify Liberty University Online Advising, the Online Chair, the faculty member and the student.

3. If the student has additional support for their appeal, after receiving the decision by the Online Associate Dean, the student may submit a written appeal to the Online Academic Dean through Liberty University Online Advising. This written appeal must be received by Liberty University Online Advising within 5 business days of the Online Associate Dean’s email. The Associate Dean will review the student’s appeal, as well as any information provided by faculty member. When a decision has been reached, the Online Academic Dean will notify Liberty University Online Advising, the Online Associate Dean, the Online Chair, the faculty member, and the student. The Online Academic Dean’s decision is final.

**ACADEMIC TRANSCRIPTS**

Official transcripts are made only at the written, signed request of the student concerned. No transcript will be issued for anyone who has failed to meet all financial obligations to the University. Official transcripts are not released directly to the student. Requests for transcripts are to be made directly to the Registrar’s Office. There is a \$10.00 fee for one transcript. Additional transcript requests **made at the same time** are \$1.00 each.

**FERPA – PRIVACY OF STUDENT RECORDS: FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT**

Students attending, or who have attended, Liberty University are given certain rights under the Family Educational Rights and Privacy Act of 1974 as amended (20 U.S.C. 1232g) and Rules of the Department of Education (34 C.F.R. Part 99) implementing this Act. Additional information and University policies regarding the protection of student records are published online at <http://www.liberty.edu/ferpa>.

**GRADUATION HONORS**

Honors for graduation will be determined by the cumulative grade point average earned at Liberty. Bachelor’s degree students who have earned 60 or more hours at Liberty must meet the following GPA standards to earn the corresponding academic distinction:

3.50 - 3.66	cum laude
3.67 - 3.84	magna cum laude
3.85 and above	summa cum laude

Bachelor degree students who have earned less than 60 hours at Liberty must meet the following GPA standards:

3.60 - 3.76	cum laude
3.77 - 3.94	magna cum laude
3.95 and above	summa cum laude

The specific honor calculated on or around April 1 of the student’s graduation year will be printed in the Commencement program, and the student will wear that particular honor cord. The final cumulative GPA will be determined after all grades have been recorded and that final cumulative GPA will determine the specific honor that will be printed on the diploma and transcript.

Associate degree students who have a 3.50 cumulative GPA will receive honors at Commencement. Graduation honors are not applicable to certificate seeking students.

**CERTIFICATE COMPLETION REQUIREMENTS**

All matriculated students, whether Resident or Liberty University Online, must meet the same academic requirements for certificate completion. Online certificate-seeking students must have

all courses within the certificate successfully completed before being considered candidates for the awarding of a certificate.

1. The undergraduate certificate requires a minimum of 18 semester hours. Each program differs; therefore, the student must follow the certificate requirements carefully.
2. Each undergraduate certificate program requires a minimum GPA of 2.00.
3. To satisfy the requirements for the fields of study, only final grades of C or above, in all certificate courses, will apply towards successful certificate completion.
4. Students who return to Liberty to complete a second certificate at the undergraduate level must have at least 3 credit hours remaining and must take a minimum of 3 additional hours of coursework at Liberty to qualify for a second certificate.
5. All 18 semester hours of the certificate coursework must be completed at Liberty.
6. A Certificate Completion Application must be filled out at the beginning of the final semester before the certificate can be awarded. The Certificate Completion Application is found here: <http://www.liberty.edu/index.cfm?PID=4849>.
7. The Registrar's Office will process the conferral of a certificate once all certificate requirements have been met, including the minimum GPA requirement and certificate completion application. If a student wishes to take further non-applicable coursework, they must do so under a new application

#### GRADUATION REQUIREMENTS

All matriculated students, whether Resident or Liberty University Online, must meet the same academic requirements for graduation. Undergraduate students must have all courses in the General Education core and in the declared major and minor completed before being considered candidates for graduation.

1. The bachelor's degree requires a minimum of 120 semester hours. Of these total hours, a specified number of upper-level (300-400) courses must be completed with the minimum number being 30 semester hours. Each program differs; therefore, the student must follow the degree requirements carefully. The Associate of Arts degree requires a minimum of 60 semester hours.
2. Each undergraduate degree program consists of designated General Education requirements, a major, and electives. Electives may be taken from the undergraduate courses offered in any department. A GPA of 2.00 or higher, unless otherwise specified in a particular major or minor, is required for graduation.
3. To satisfy the requirements for the major and minor fields of study, only grades of C or above in upper level courses may be included. This includes directed electives. Certain majors require a grade of C or above in all major courses.

4. Students who return to Liberty to complete a second major at the undergraduate level must take a minimum of 30 additional hours of coursework at Liberty to qualify for a second degree.
5. **At least twenty-five percent of the credit hours required for the bachelor's degree** must be completed at Liberty. Fifty percent of the semester hours in the major and minor must be completed at Liberty, unless otherwise specified within the degree requirements. **At least twenty-five percent of the credit hours required for the associate's degree** must be completed at Liberty, and with the exception of the A.A. in General Studies, 50% of the hours in the major component of the Associate degree must be completed at Liberty.
6. The Registrar's Office will process the conferral of a degree once all degree requirements have been met, including the minimum GPA requirement and graduation application. If a student wishes to take further non-applicable coursework, they must do so under a new application.

#### GRADUATION APPROVAL

All candidates for graduation must be approved by the Faculty and the Board of Trustees.

#### GRADUATION CEREMONY

Degrees are granted throughout the academic school year. All candidates for degrees may participate in the annual graduation exercises which take place in May.

#### TIME LIMITS FOR DEGREE COMPLETION

Students pursuing a certificate must complete the certificate requirements within three (3) years of the date of matriculation.

Students pursuing an associate's degree must complete the degree requirements within seven (7) years of the date of matriculation.

Students pursuing a bachelor's degree must complete the degree requirement within ten (10) years of the date of matriculation.

Any student who does not complete coursework within the permissible time limit for any reason, including discontinued enrollment, must reapply for readmission and will be subject to the requirements of the Catalog and Degree/Certificate Completion Plan (DCP/CCP) in effect at the time of his/her readmission.

A break in enrollment occurs when the student fails to enroll in at least one course during an academic year. The academic year begins with the start of the fall semester and ends with the conclusion of the summer term. Students who break enrollment must apply for readmission and will be subject to the requirements of the Catalog and degree requirements in effect at the time of their readmission.

# Expenses and Financial Policy – Resident Program

**Don Moon, B.S.**

Chief Financial Officer

Vice President for Investment Management/Risk Manager

**Jeff Ford, C.P.A.**

Director of Student Accounts

## Resident Tuition and Fees 2014 – 2015

TUITION	Per Hour	Per Semester	Per Year
Undergraduate (Full-Time) (12 – 18 semester hours)		\$10,150	\$20,300
More than 18 semester hours	\$700		
Part-Time (less than 12 semester hours)	700		
Summer	375		
English Language Institute		4,800	9,600
English Language Institute (Summer)		2,750	

### HOUSING/ROOM & BOARD:

#### Housing Fees:

<b>Tier 1:</b> Residential Annex I & II	1,900	3,800
<b>Tier 2:</b> Main Campus & Campus East 3-person	2,500	5,000
<b>Tier 3:</b> Quad Living, Campus East 2-person, & Commons	3,000	6,000
<b>Dining Fees:</b>	1,600	3,200

#### ANNUAL FEES (Mandatory):

Activity Fee/Student Center Fee	350	700
Technology Fee	0	0

#### BASIC FEES:

	One Time	Per Hour	Per Semester	Per Year
Application Fee	\$40			
Readmission Application Fee	40			
Audit Fee		75		

#### ESTIMATED COST:

Books		800	1,600
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#### CONDITIONAL FEES:

	One Time	Per Hour	Per Semester	Per Year
English Language Institute – program fee				500
Vehicle Registration (optional)				270 (max)

#### Assessment Fees:

Computer Skills	55			
Drop/Add Fee (per course)	10			
Graduation Application Fee	100			
Financial Check-in Late Fee			125	
Withdrawal Fee	50			
Replacement ID Card (Flames Pass)	25			
Replacement HigherOne Card	15			
Check Cashing Fee (per check)	1			
Returned Payment Fee (per transaction)	35			
International Health Insurance (estimated)				978

#### Payment Plan Fees:

Customized Payment Arrangement Fee (max)		\$324		
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CONDITIONAL FEES:	One Time	Per Hour	Per Semester	Per Year
Payment Plan Participation Fee			45	

#### EXPERIENTIAL LEARNING:

Item	Registration Fee	Administration Fee
Aviation	\$ --	\$85
CLEP	50	80
DANTES (DSST)	50	80
ICE	50	80

#### WASHINGTON FELLOWSHIP PROGRAM:

	Per Semester
Application Fee	25
Tuition	8,520
Housing and Metro	4,150
Food (estimate)	\$25-50 per week

#### PERSONAL NEEDS

Laundry, cleaning, spending money, items related to personal grooming, towels, sheets, pillow, off-campus transportation, etc., vary by individual and are the student's responsibility.

#### RESIDENT STUDENTS TAKING ONLINE COURSES

A resident student, who takes any number of online courses, will be charged at the *Resident* rate. It is the student's responsibility to complete Financial Check-In to secure their online courses, and make payment arrangements. More information regarding online courses is available online at <https://www.liberty.edu/index.cfm?PID=17421> (login required).

### Financial Check-In (FCI)

All students are required to complete Financial Check-In through Liberty University's online system (ASIST). Official Financial Check-In (matriculation) occurs when a student has completed Financial Check-In located online through ASIST. The Financial Check-In is a system where ALL students complete their financial arrangements with Liberty University for tuition and fees, to include prior, current, and/or future balances. Deadlines, specific procedures and payment options can be viewed on the Student Accounts web page [www.liberty.edu/studentaccounts](http://www.liberty.edu/studentaccounts). Students that do not complete Financial Check-In by the published deadline will be subject to having their courses and housing (if applicable) dropped and will be assessed the Late Check-In Fee.

All students are required to register and complete FCI prior to arriving on campus or attending a class.

- **First term Residential Students:** complete Financial Check-In online first, then are able register for classes.
- **Returning Residential Students:** register for courses during the open registration period then complete Financial Check-In online.
- **All Online Students:** register for courses and then complete Financial Check-In online.

Please visit the Student Accounts webpage for current information on procedures, payment options, and schedules: <http://www.liberty.edu/studentaccounts>.

**INITIAL PAYMENTS FOR RETURNING STUDENTS**

Once a returning student completes Financial Check-In, all payments made prior to the beginning of the semester are held in deposit to secure the student's class schedule, institutional grants or scholarships, and campus housing, as applicable.

Should the student decide not to return, the University must be notified in writing with a request for refund of the initial payments prior to the last day of drop/add. This written request may be sent to [studentrefunds@liberty.edu](mailto:studentrefunds@liberty.edu). Without prior written notification, the student and money on the account are subject to the conditions described in the official withdrawal policy (explained below).

**PAYMENTS ON STUDENT ACCOUNT**

Payment on a student account can be made in the form of a check, money order, cashier's check, credit card, or online via the student's ASIST account. Cash payments are received at the General Cashier's Office in the Student Service Center located in Green Hall. Students may cash checks at the cashiering windows for a fee of \$1 per check.

A student's account must be paid in full prior to registering for any future courses. The Financial Check-In system online is where students confirm their financial arrangements with Liberty University. When a student completes Financial Check-In for a future term, and then becomes delinquent in the current term, or loans are returned to the lender, the resulting balance must be resolved prior to the start of the future term. It is in the best interest of the student, in this circumstance, to consult with a Student Accounts Representative to discuss options for resolution on account.

Monthly statements are sent by email to current and former students who have an outstanding balance on their account. Statements are sent to the student's Liberty email address.

**PAYMENT PLANS**

The University offers Payment Plan options to students in the form of scheduled, automatic, monthly payment drafts for student account balances. A non-refundable Payment Plan Participation Fee is charged for each semester that the student participates in the Payment Plan. The initial payment will draft within 24 hours of establishing the payment plan, and the remaining installments are automatically processed on the scheduled draft date (1) from a bank account; or (2) from a debit/credit card account. No interest is charged on the outstanding balance while in a Payment Plan.

Those students who enter a Payment Plan and later withdraw from the plan are still subject to the Payment Plan Participation Fee. While the system will accommodate online adjustments to an account as additional credits or debits alter the balance, changes to a Payment Plan requiring University staff intervention are subject to a Payment Plan Change Fee.

It is the responsibility of the student, and person financially responsible for the student's account, to maintain current bank or credit card information and to ensure that the account has sufficient funds at the time of the scheduled draft under the Payment Plan agreement. When using a card, check with the bank or credit card company that the daily spending limit can accommodate the draft amount, avoiding declined payment(s) and resulting fees. The bank or credit card account must be from an institution that participates in automatic draft/debit programs. Liberty University cannot draft payments from non-U.S. bank accounts, money markets, trusts, home equity or savings accounts.

Payment Plan options will vary depending upon when Financial Check-In is completed.

**CHARGEBACK FEE**

If a chargeback is initiated by a student, and the Merchant findings are in favor of the University, the student's account will be assessed a chargeback fee. The fee amount is dependent on the current credit card processor's fee to the University.

**RETURNED PAYMENT FEE**

A student will be charged a Returned Payment Fee for any returned or declined payment made via check, automatic draft or declined credit card draft(s). After two returned or declined payments, all transactions for the remainder of the academic year can only be made by cash, money order, or certified check. Repeat offenders are subject to losing the privilege of utilizing the check payment option, and monthly payment plan options. Any future payment options will be at the discretion of the Director of Student Accounts. If a student provides invalid checking or credit card account information for their Payment Plan, the student's account will also be subject to the Returned Payment Fee.

**CHECK CASHING**

As a courtesy to our currently enrolled students, the General Cashier's Office will cash checks from parents, the student's personal checking account, or a Liberty University payroll check.

The maximum amount for cashing is \$50 and can only be cashed once a week. A fee of \$1 per check will be charged for each check cashed. If a check is returned to the University for any reason, the student's account will be assessed the check amount as well as the Returned Payment Fee. After two (2) offenses, the student will lose the privilege of cashing checks with Liberty University.

**FLAMES PASS**

The Flames Pass is the official Liberty University ID card. The card is used for meal plans, Flames Cash, campus events and recreation, authorized building entry, student discounts, and other activities and services. You may obtain a Flames Pass by submitting a photo online or visiting the Card Services Office. In the event the card is lost, the student may purchase a replacement at the cost of \$25.

**FLAMES CASH**

Flames Cash is the declining balance account on the Flames Pass. These funds are accepted at a multitude of on and off-campus merchants. Flames Cash is a convenient and secure way to carry money with no account fees, rolls over from year to year, and can be easily added and managed online.

**HIGHER ONE CARD**

Higher One is the banking partner that disburses refunds for the University. Every Liberty University student is issued a Higher One card as a tool for receiving refunds. After completing Financial Check-In, your card is sent to the address on file in your ASIST account. There is a charge of \$15 to replace a lost card.

**Additional Information**

Additional information about the Flames Pass, Flames Cash, and the Higher One Card can be found online at <http://www.liberty.edu/cardservices>.

**BOOKS AND SUPPLIES**

Tuition does not cover the cost of course materials. Costs will vary according to the student's course of study and the availability of used books. The cost of textbooks and supplies will average \$700 per semester. Students should purchase materials after registration but prior to the sub-term begin date (course activation). Liberty does not guarantee that required course materials will be available after the sub-term activation date.

The following funds may be used by resident students when purchasing textbooks:

- *Book Dollars*: awarded to new first term students upon completion of Financial Check-In. Amount of award will be determined according to the Financial Check-In completion date.
- *Book Vouchers*: students can include funds through Financial Check-In, to be transferred to the book store as a book voucher, for the purchase of their books.
- *Flames Cash*: funds can be applied to a Flames Cash Account and used at the Bookstore, as well as other approved participating merchants. Current information is found at <http://www.liberty.edu/index.cfm?pid=21106>.

**Online courses**: All online course materials are available through MBS Direct, and may be available at the University Bookstore. Online purchases are made through MBS direct at <http://www.mbsdirect.net/liberty>.

**ACTIVITY FEE**

All resident students are required to pay an Activity Fee each semester (fall and spring). This fee provides access to Liberty University activities, admission to athletic events, access to the LaHaye Student Union recreational facilities, and to help offset the cost of other resources dedicated to student activities. Regardless of residence status, all students are subject to this fee. This fee is not pro-rated for part-time students.

**ALL** students who attend an **intensive** course on campus will be charged an activity course fee. If a student has already paid the semester activity fee, in which the intensive is taken, an additional activity fee will not be charged.

**COURSE FEES**

Course fees and fees charged for special elective-type courses by organizations other than the University, will be paid by the student in addition to normal credit hour charges. Course fees are published on the Registrar's Office web page at <http://www.liberty.edu/registrar>.

**HOUSING FEE**

A student living in University housing is required to pay the applicable housing fee each semester depending on location and amenities. This fee covers room, and the basic resident board plan in the University dining hall.

If a student moves into the hall at check-in, and then withdraws or is allowed to move off campus (see regulations in the Student Affairs section of this publication) during the first three weeks of the semester, they will be charged as follows:

- Main Campus - \$220 per week for any part of a week in which they reside in the residence hall, or belongings remain in room.
- Quads Living - \$235 per week for any part of a week in which they reside in the residence hall, or belongings remain in room.

- Campus East - \$235 per week for any part of a week in which they reside in the residence hall, or belongings remain in room.

There will be no adjustment made for the room portion of the housing fee if the student moves off campus after the three-week period; however, the meals portion will be rebated at a flat rate of \$40 per week for the unused portion of the semester. The three-week adjustment period begins on the first official day of classes.

New and transfer students who attend orientation, live in University housing prior to the first week of classes, and who then withdraw at any time before that week of classes, will be charged \$150 for their stay.

**DINING FEE**

Any student living in University housing is **required** to pay the applicable housing and dining fees each semester (including online students that are living on campus). These fees cover housing amenities and the basic resident dining plan in the University dining hall. This requirement allows students to focus on academics and extracurricular activities rather than on basic needs such as food and shelter. The required dining plan for students living in University housing promotes healthy living, social engagement, and the residential community experience.

**NEW STUDENT ASSESSMENT FEES**

All new Resident students, both freshman and college transfer students, are required to take a computer assessment. If a student transfers a course that demonstrates competency in the required computer skills, the test requirement can be waived.

Students have the option to take assessments in English and Math. These assessments aid in placing students in the appropriate course levels in these disciplines. An Assessment Fee will be applied to the student's account for each assessment taken.

**WITHDRAWAL FEE**

A fee of \$50 will be charged for the processing of an official, unofficial, medical, or administrative withdrawal. A student who ceases to attend classes will receive the withdrawal fee, for the processing of an unofficial withdrawal.

**GRADUATION APPLICATION FEE**

All graduating students must complete a graduation application through their ASIST account. A \$100 Graduation Application Fee will be assessed to the term in which the student submits the application.

The Graduation Application Fee is automatically assessed by Registrar near the time of the Graduation Application, not degree conferral. This fee is not contingent on the student's attendance at graduation events and activities; it is assessed for processing the graduation application. This fee is non-refundable.

**FEE APPEAL POLICY**

A written appeal may be submitted to the department that assessed the charge. If the disputed charge cannot be reconciled with the assessing department, a written appeal with all supporting documentation can be submitted to the Student Accounts Office within 30 business days of the billing/notification.

1. All pertinent information will be obtained and compiled by the Student Accounts Office.
2. The disputed charge will be reviewed by authorized Student Accounts Representatives.
3. A decision will be made by the authorized Representatives and the student notified.
4. If necessary, an appeal may be reviewed by a Manager and/or Associate Director to render a final decision.

All appeals are to be submitted online at <http://www.liberty.edu/index.cfm?PID=20659>. All appeals will receive a response within 30 days after the written appeal has been received.

### REFUND POLICY FOR ENROLLED STUDENTS:

Enrolled qualified students can receive a refund from their student account once all obligations have been met and a credit balance remains.

Financial Check-In provides students with two credit-management options through the Authorizations page of Financial Check-In.

- By Selecting "Hold my credit" a student authorizes Liberty University to hold a Title IV credit balance for a future term.
- By Selecting "Refund my credit" a student authorizes Liberty University to release a Title IV refund to the student (in all cases except Parent Plus loan refunds).

Credit from Title IV must be refunded to a student's Higher One account. At the end of each academic year, all Title IV (Federal Grants and Federal Loans) credit balances must be refunded. Credit balances will be refunded to the students ONLY.

**Refunds will be processed by HigherOne as follows, depending on the origination of funds.** The student must register a refund preference with their Higher One account, according to instructions provided with the Higher One card. Once a refund has been received by HigherOne, those funds will be made available for the student to access, through the following options:

- Easy Refund (Next Business Day) – Funds will be available for use via the HigherOne account.
- ACH Transfer (1-3 Business Days) – Have refund transferred via electronic funds transfer into designated personal checking account.

### Title IV Refunds

*(Federal Unsubsidized Loan, Federal Subsidized Loan, Federal Parent PLUS loan, Federal Pell Grant, FSEOG, etc.)*

Within the Financial Check-In process, students authorize the handling of a credit balance on their student account. The funds may either be held throughout the academic year, applying to any account balance, or students can authorize the credit balance to be refunded. These credits are processed within 14 days from the first day of classes or when loans are disbursed, whichever is later.

Title IV credits will be refunded according to student's refund preference selected on his or her Higher One Card account. Students can select either One Account Deposit or ACH Transfer to another bank.

Credits from Parent PLUS will be refunded to the loan applicant in the form of a check, unless written authorization is submitted to the Financial Aid Office stating that the refund may be sent to the student.

### Refunds Unrelated to Title IV Aid

Students must submit a written request to receive a refund not related to Title IV aid. Written request must be sent to:

- Residential students: [studentrefunds@liberty.edu](mailto:studentrefunds@liberty.edu)
- Online students: [luorefunds@liberty.edu](mailto:luorefunds@liberty.edu)

### **Official Withdrawal Policy**

Liberty University is committed to the success of every student and will work with each student to determine the best option to alleviate financial and academic challenges and get students back on track in their studies. Withdrawals from Liberty University fall under different categories: academic, administrative, medical or personal.

**PLEASE NOTE:** Students who must withdraw due to military deployment are required to meet with the Student Advocate Office with a copy of their orders. They will then be referred to Military Affairs.

#### • **Resident Student:**

- Withdrawing from individual courses, while maintaining enrollment in others, does not constitute a total withdrawal.
- Students requesting to withdraw from courses during the semester must submit a **Withdrawal Form** to the Registrar. Generally, the withdrawal date will be the date the student submitted the form to the Registrar.
- No refund will be issued for a student who withdraws from residential course, and all billing hours will remain on the student's account.

For more information, please visit <http://www.liberty.edu/index.cfm?PID=25048>.

#### • **Intensives and Summer School**

- A **resident student** who withdraws from an on-campus intensive or summer class will be assigned a grade of "W" for that class and will be responsible for all tuition and fees.

Additional information is available on the Registrar's web page at <http://www.liberty.edu/academics/registrar/?PID=19029>.

#### • **Online Student:**

- Withdrawing from individual courses in a sub-term (including overlapping 16-week sub-terms) does not constitute a total withdrawal until that student has withdrawn from all courses in that sub-term (including overlapping 16-week sub-terms).
- A student withdrawing from a sub term, when registered for course(s) within a future sub-term, must submit a **letter of intent** regarding any future sub-terms within the semester of withdrawal. If no letter of intent is received at time of withdrawal, the student will be automatically dropped from the future sub-terms, resulting in a total withdrawal from the semester.
- Students requesting to withdraw must submit the **Intent to Withdrawal Form** to their academic advisor. This will constitute a withdrawal. Generally, the withdrawal date will be the date the **Intent to Withdrawal Form** is received by the Academic Advising department

### **UNOFFICIAL WITHDRAWAL**

The University has established a procedure, in accordance with Title IV regulations, to determine if students enrolled in the online courses are progressing toward the completion of their courses. The Title IV regulations require universities to have a mechanism in place for determining whether or not a student who began a course, and received or could have received a disbursement of Title IV funds, unofficially withdrew.

Students who have begun, yet cease to submit any academic assignments (such as an examination, written paper or project, discussion board post, or other academic event) during the enrollment period, will be assigned grades of FN. Students receiving all FN's in a semester will be processed as an unofficial withdrawal. The withdrawal date is the last date an academic assignment was submitted during the enrollment period. A Title IV withdrawal calculation will be performed for the student and the student will be reported as



withdrawn. Students will be notified by the Financial Aid Office regarding the results of the Title IV withdrawal calculation.

### MEDICAL WITHDRAWAL POLICY

This applies to **Resident students only** and only for medical conditions documented by the on-campus Liberty University Health Services physicians. Tuition, mandatory fees and housing fee will be pro-rated by week or any portion for a week attended. Other fees are charged at 100%.

### *Title IV Withdrawal Policy*

When students withdraw from all classes in a given term, they will be subject to a proration of all federal, state and institutional aid. This proration takes into account the total number of days that the student was enrolled. For instance, if there are 100 days in a term, and a student withdraws on day 20, that student has earned 20% of his federal, state and institutional aid. All remaining aid is unearned, and unearned portions of federal funds are required by law to be sent back to the federal government (34 CFR 668.22). *Please note that Liberty University institutional aid will be prorated according to the same schedule as Title IV federal student aid.*

Because of these provisions, please be aware that having enough financial aid to cover your charges at the beginning of the semester does not ensure that your financial aid will completely cover your charges at the time of withdrawal.

To begin the withdrawal process: **Resident** students must contact their Student Advocate. **Online** students must contact their Academic Advisor. For more information on the financial repercussions of withdrawing, please contact Liberty University's Financial Aid Office at 1-888-583-5704.

### WITHDRAWAL REFUND POLICY

**Resident students** are considered 'withdrawn from the University' if they withdraw from all courses for the semester.

- Any resident student who withdraws from the University and completes the official withdrawal procedure will receive a refund of tuition and fees as follows:
  1. 100% will be credited if a student withdraws during the first week of classes
  2. 50% will be credited if a student withdraws during the second, third or fourth week of classes
  3. 25% will be credited if a student withdraws during the fifth through eighth week of classes
  4. No tuition or fees will be credited after the eighth week of classes
- The housing fee will be charged at the rate of:
  - \$200 per week for Main Campus residence halls
  - \$215 for Quad-living residence halls
  - \$250 per week for Campus East residence halls, for any part of a week in which the student resides in the dormitory.
- There will be no rebate for the room portion of the dormitory fee after the first three weeks.
- The meals portion will be rebated at a flat rate of \$40 per week for the unused portion of the semester, regardless of room location.

An **Online student** who is currently enrolled in courses for a given term (including overlapping 16-week sub-terms) will be considered as totally withdrawn when that student is withdrawn from all courses in that sub-term.

- Any student who completes the official withdrawal procedure may receive a refund of tuition and mandatory

fees (i.e. technology and activity fees, if applicable) as follows:

1. 100% tuition and fees will be credited if the student withdraws within the first week of the class but before submission of the first assignment (first assignment includes the Course Requirements Checklist).
2. 75% tuition and fees will be credited if the student withdraws after submitting their first assignment and through the end of the second week of classes.
3. 50% tuition and fees will be credited if the student withdraws after the second week of classes and before the end of the fourth week of classes.
4. 25% tuition and fees will be credited if the student withdraws after the fourth week of classes but before the seventh week of classes.
5. No tuition or fees will be credited after the sixth week of classes.

**Intensives:** A week is defined as Monday morning at 12:00 a.m. through Sunday night at 11:59 p.m. This may not align with the posted deadlines.

1. One- and Two-Week Intensives (tuition and fees credit)
  - 100% - Start of class to close of the first day
  - 50% - Start of class to close of the second day
  - 0% - After the close of the second day, the student is liable for ALL tuition and fees
2. Three-Week Intensive (tuition and fees credit)
  - 100% - Start of class to close of the first day
  - 50% - Start of class to close of the third day
  - 25% - Start of class to close of the fifth day
  - 0% - After the close of the fifth day, the student is liable for ALL tuition and fees
3. Four-Week Intensive (tuition and fees credit)
  - 100% - Start of class to close of the first day (End of drop/add period)
  - 50% - Start of class to close of the fourth day
  - 25% - Start of class to close of the seventh day
  - 0% - After the close of the seventh day, the student is liable for ALL tuition and fees

### UNPAID ACCOUNTS

Tuition, the housing fee (if applicable), and all other costs on a student's account are payable prior to or at the time of Financial Check-In. Students who do not make payment on their account within a reasonable amount of time will be denied access to the cafeteria, printing services, and library until such arrangements are made. If a student is 10 or more days delinquent on his account, the student may be removed from classes. Failure to make financial arrangements could ultimately result in removal from university housing and administrative withdrawal.

Students with unpaid accounts will not be eligible to register for subsequent terms. They will also be ineligible to receive an official transcript or diploma until the account is paid in full. The student will be responsible for any collection fees incurred in collecting the account. A 1% finance charge (12% APR) may be assessed each month on outstanding balances.

### ADDITIONAL INFORMATION

Additional information regarding the University's academic and administrative policies and procedures can be found on the University website at <http://www.liberty.edu>, <http://www.liberty.edu/online>, or <http://www.libertyu.com>.

## *Expenses and Financial Policy – Online Program*

**Don Moon, B.S.**  
Chief Financial Officer  
Vice President for Investment Management/Risk Manager

**Jeff Ford, C.P.A.**  
Director of Student Accounts

### **Online Tuition and Fees – 2014-2015**

<b>TUITION:</b>	<b>One Time</b>	<b>Per Hour</b>	<b>Per Term</b>
Full-time (12 or more semester hours)		\$360	\$4,320
Part-time (11 semester hours or less)		415	
Military		250	
The Edge High School Dual Enrollment (per course)		495	
Willmington School of the Bible		110	
Liberty University en Español Part-time (11 semester hours or less)		208	
Liberty University en Español Certificate Programs		110	

<b>BASIC FEES:</b>			
Application Fee (non-refundable)	\$50		
Readmission Application Fee	50		

<b>CONDITIONAL FEES:</b>			
Financial Check-In Late Fee			125
On-Campus Intensive Fee (per course)	25		
Enrollment Adjustment Fee	30		
Withdrawal Fee	50		
Graduation Application Fee	100		
Returned Payment Fee	35		
Replacement ID Card (Higher OneCard)	15		

<b>PAYMENT PLAN FEES:</b>			
Customized Payment Arrangement Fee (max)			324
Payment Plan Participation Fee			45

<b>EXPERIENTIAL LEARNING:</b>			
<b>Item</b>	<b>Registration Fee</b>	<b>Administration Fee</b>	
CLEP	\$50	\$ 80	
DANTES (DSST)	50	80	
ICE	50	15 per credit	
Portfolio Assessment		100	

### **LIBERTY UNIVERSITY EN ESPAÑOL**

For the online Liberty University en Español undergraduate degree seeking student, tuition and fees will be charged at the online standard rates. Additional financial information regarding Liberty University en Español is available on the web at <http://www.liberty.edu/studentaccounts>, or email student accounts.

### **CERTIFICATE PROGRAMS**

The tuition charge for each Certificate Program is the same as its corresponding Undergraduate and Graduate Degree tuition charge.

### **Financial Check-In (FCI)**

All students are required to complete Financial Check-In through Liberty University's online system (ASIST). Official Financial Check-In (matriculation) occurs when a student has completed Financial Check-In located online through ASIST. The Financial Check-In is a system where ALL students complete their financial arrangements with Liberty University for tuition and fees, to include prior, current, and/or future balances. Deadlines, specific procedures and payment options can be viewed on the Student Accounts webpage [www.liberty.edu/studentaccounts](http://www.liberty.edu/studentaccounts). Students that do not complete Financial Check-In by the published deadline will be subject to having their courses and housing (if applicable) dropped and will be assessed the Late Check-In Fee.

**All students are required to register and complete FCI prior to arriving on campus or attending a class.**

All Online Students: register for courses and then complete Financial Check-In online.

Please visit the Student Accounts web page for current information on procedures, payment options, deadlines, and schedules: <http://www.liberty.edu/studentaccounts>.

### **INITIAL PAYMENTS FOR RETURNING STUDENTS**

Once a returning student completes Financial Check-In, all payments made prior to the beginning of the semester are held in deposit to secure the student's class schedule, institutional grants or scholarships, and campus housing, as applicable.

Should the student decide not to return, the University must be notified in writing with a request for refund of the initial payments prior to the last day of drop/add. This written request may be sent to [luostudentrefunds@liberty.edu](mailto:luostudentrefunds@liberty.edu). Without prior written notification, the student and money on the account are subject to the conditions described in the official withdrawal policy (explained below).

### **PAYMENTS ON STUDENT ACCOUNT**

Payment on a student account can be made in the form of a check, money order, cashier's check, credit card, or online via the student's ASIST account. Cash payments are received at the General Cashiers Office in the Student Service Center located in Green Hall.

A student's account must be paid in full prior to registering for any future courses. The Financial Check-In system online is where students confirm their financial arrangements with Liberty University. When a student completes Financial Check-In for a future term, and then becomes delinquent in the current term, or loans are returned to the lender, the resulting balance must be resolved prior to the start of the future term. It is in the best interest of the student, in this circumstance, to consult with a Student Accounts Representative to discuss options for resolution on account.

Monthly statements are sent by email to current and former students who have an outstanding balance on their account. Statements are sent to the student's Liberty email address.

### **PAYMENT PLANS**

The University offers Payment Plan options to students in the form of scheduled, automatic, monthly payment drafts for student account balances. A non-refundable Payment Plan Participation Fee is charged for each semester that the student participates in the Payment Plan. The initial payment will draft within 24 hours of establishing the payment plan, and the remaining installments are automatically processed on the scheduled draft date (1) from a bank account; or (2) from a debit/credit card account. No interest is charged on the outstanding balance while in a Payment Plan.

Those students who enter a Payment Plan and later withdraw from the plan are still subject to the Payment Plan Participation Fee. While the system will accommodate online adjustments to an account as additional credits or debits alter the balance, changes to a Payment Plan requiring University staff intervention are subject to a Payment Plan Change Fee.

It is the responsibility of the student, and person financially responsible for the student's account, to maintain current bank or credit card information and to ensure that the account has sufficient funds at the time of the scheduled draft under the Payment Plan agreement. When using a card, check with the bank or credit card company that the daily spending limit can accommodate the draft amount, avoiding declined payment(s) and resulting fees. The bank or credit card account must be from an institution that participates in automatic draft/debit programs. Liberty University cannot draft payments from non-U.S. bank accounts, money markets, trusts, home equity or savings accounts.

Payment Plan options will vary depending upon when Financial Check-In is completed.

#### **CHARGEBACK FEE**

If a chargeback is initiated by a student, and the Merchant findings are in favor of the University, the student's account will be assessed a chargeback fee. The fee amount is dependent on the current credit card processor's fee to the University.

#### **RETURNED PAYMENT FEE**

A student will be charged a Returned Payment Fee for any returned or declined payment made via check, automatic draft or declined credit card draft(s). After two returned or declined payments, all transactions for the remainder of the academic year can only be made by cash, money order, or certified check. Repeat offenders are subject to losing the privilege of utilizing the check payment option, and monthly payment plan options. Any future payment options will be at the discretion of the Director of Student Accounts. If a student provides invalid checking or credit card account information for their Payment Plan, the student's account will also be subject to the Returned Payment Fee.

#### **COURSE FEES**

Course fees and fees charged for special elective-type courses by organizations other than the University, will be paid by the student in addition to normal credit hour charges. A list of course fees is published on the Registrar's Office web page at <http://www.liberty.edu/registrar>.

#### **ON CAMPUS INTENSIVE FEE**

Liberty University Online students who attend an intensive course on campus will be charged an activity fee of \$25 per course.

#### **ACTIVITY FEE FOR ON-CAMPUS INTENSIVE(S)**

Liberty University Online students who attend an intensive course on campus will be charged an activity fee of \$15 per credit.

**ALL** students who attend an **intensive** course on campus will be charged an activity course fee. If a student has already paid the semester activity fee, in which the intensive is taken, an additional activity fee will not be charged.

#### **WITHDRAWAL FEE**

A fee of \$50 will be charged for the processing of an official, unofficial, medical, or administrative withdrawal. A student who ceases to attend classes will receive the withdrawal fee, for the processing of an unofficial withdrawal.

#### **GRADUATION APPLICATION FEE**

All graduating students must complete a graduation application through their ASIST account. A \$100 Graduation Application Fee will be assessed to the term in which the student submits the application.

The Graduation Application Fee is automatically assessed by Registrar near the time of the Graduation Application, not degree conferral. This fee is not contingent on the student's attendance at graduation events and activities; it is assessed for processing the graduation application. This fee is non-refundable.

#### **FEE APPEAL POLICY**

A written appeal may be submitted to the department that assessed the charge. If the disputed charge cannot be reconciled with the assessing department, a written appeal with all supporting documentation can be submitted to the Student Accounts Office within 30 business days of the billing/notification.

1. All pertinent information will be obtained and compiled by the Student Accounts Office.
2. The disputed charge will be reviewed by authorized Student Accounts Representatives.
3. A decision will be made by the authorized Representatives and the student notified.
4. If necessary, an appeal may be reviewed by a manager and/or associate director to render a final decision.

All appeals are to be submitted online at <http://www.liberty.edu/index.cfm?PID=20659>. All appeals will receive a response within 30 days after the written appeal has been received.

#### **CHECK CASHING**

As a courtesy to our currently enrolled students, the General Cashier's Office will cash checks from parents, the student's personal checking account, or a Liberty University payroll check.

The maximum amount for cashing is \$50 and can only be cashed once a week. A fee of \$1 per check will be charged for each check cashed. If a check is returned to the University for any reason, the student's account will be assessed the check amount as well as the Returned Payment Fee. After two (2) offenses, the student will lose the privilege of cashing checks with Liberty University.

#### **FLAMES PASS**

The Flames Pass is the official Liberty University ID card. The card is used for meal plans, Flames Cash, campus events and recreation, authorized building entry, student discounts, and other activities and services. A student may obtain a Flames Pass by submitting a photo online or visiting the Card Services Office. In the event the card is lost, the student may purchase a replacement at the cost of \$25.

#### **FLAMES CASH**

Flames Cash is the declining balance account on the Flames Pass. These funds are accepted at a multitude of on and off-campus merchants. Flames Cash is a convenient and secure way to carry money with no account fees, rolls over from year to year, and can be easily added and managed online.

#### **HIGHER ONE CARD**

Higher One is the banking partner that disburses refunds for the University. Every Liberty University student is issued a Higher One card as a tool for receiving refunds. After completing Financial Check-In, your card is sent to the address on file in your ASIST account. There is a charge of \$15 to replace a lost card.

**ADDITIONAL INFORMATION**

Additional information about the Flames Pass, Flames Cash, and the Higher One Card can be found online at <http://www.liberty.edu/cardservices>.

**BOOKS AND SUPPLIES**

Tuition does not cover the cost of course materials. Costs will vary according to the student's course of study and the availability of used books. Students should purchase materials after registration but prior to the sub-term begin date (course activation). Liberty does not guarantee that required course materials will be available after the sub-term activation date.

All online course materials are available online through MBS Direct: <http://www.mbsdirect.net/liberty>.

If a student has a credit on their Liberty University student account, course materials may be charged to the student's account by means of the online book voucher system.

- *Book Vouchers:* students can include funds through Financial Check-In via a Book Voucher, which is then transferred for use to MBS Direct. When Financial Check-In is completed an initial voucher or additional voucher can be added up to the credited amount on the account. Any excess voucher over the amount of the credit will need to be paid out of pocket. Note: Book Vouchers for online students can only be used at MBS Direct.

Any online student taking a *Resident or Intensive* class may need to purchase their materials through the Liberty University Bookstore.

**ONLINE CLASS ATTENDANCE**

Regular attendance in online courses is expected throughout the length of the term. Online students who do not attend within the first week of a sub-term by submitting an academic assignment (such as the Course Requirement Checklist, an examination, written paper or project, discussion board post, or other academic event) will be dropped from the course roster and will not be allowed to submit further course work. The student may appeal to their instructor to be allowed back in the course.

The online student alone assumes responsibility for course work missed from non-attendance. A student who presents the instructor with an adequate and documented reason for absence may be given an opportunity to make up the work missed.

Online students who begin attendance by submitting an academic assignment and then cease progressing toward the completion of the course will be assigned a grade of FN during the semester.

**REFUND POLICY FOR ENROLLED STUDENTS:**

Enrolled qualified students can receive a refund from their student account once all obligations have been met and a credit balance remains.

Financial Check-In provides students with two credit-management options through the Authorizations page of Financial Check-In.

- By selecting "Hold my credit" a student authorizes Liberty University to hold a Title IV credit balance for a future term.
- By selecting "Refund my credit" a student authorizes Liberty University to release a Title IV refund to the student (in all cases except Parent Plus loan refunds).

Credit from Title IV must be refunded to a student's Higher One account. At the end of each academic year, all Title IV (Federal Grants and Federal Loans) credit balances must be refunded. Credit balances will be refunded to the students ONLY.

**Refunds will be processed by HigherOne as follows, depending on the origination of funds.** The student must register a refund preference with their Higher One account, according to instructions provided with the Higher One card. Once a refund has been received by HigherOne, those funds will be made available for the student to access, through the following options:

- Easy Refund (Next Business Day) – Funds will be available for use via the HigherOne account.
- ACH Transfer (1-3 Business Days) - Have funds refund transferred via electronic funds transfer into designated personal checking account.

**Title IV Refunds**

*(Federal Unsubsidized Loan, Federal Subsidized Loan, Federal Parent PLUS loan, Federal Pell Grant, FSEOG, etc.)*

Within the Financial Check-In process, students authorize the handling of a credit balance on their student account. The funds may either be held throughout the academic year, applying to any account balance, or students can authorize the credit balance to be refunded. These credits are processed within 14 days from the first day of classes or when loans are disbursed, whichever is later.

Title IV credits will be refunded according to student's refund preference selected on his or her Higher One Card account. Students can select either One Account Deposit or ACH Transfer to another bank.

Credits from Parent PLUS will be refunded to the loan applicant in the form of a check, unless written authorization is submitted to the Financial Aid Office stating that the refund may be sent to the student.

**Refunds Unrelated to Title IV Aid**

Students must submit a written request to receive a refund not related to Title IV aid. Written request must be sent to:

- Residential students: [studentrefunds@liberty.edu](mailto:studentrefunds@liberty.edu)
- Online students: [luorefunds@liberty.edu](mailto:luorefunds@liberty.edu)

***Official Withdrawal Policy***

Liberty University is committed to the success of every student and will work with each student to determine the best option to alleviate financial and academic challenges and get students back on track in their studies. Withdrawals from Liberty University fall under different categories: academic, administrative, medical or personal.

**PLEASE NOTE:** Students who must withdraw due to military deployment are required to meet with the Student Advocate Office with a copy of their orders. They will then be referred to Military Affairs.

- Withdrawing from individual courses in a sub-term (including overlapping 16-week sub-terms) does not constitute a total withdrawal until that student has withdrawn from all courses in that sub-term (including overlapping 16-week sub-terms).
- A student withdrawing from a sub term, when registered for course(s) within a future sub-term, must submit a **letter of intent** regarding any future sub-terms within the semester of withdrawal. If no letter of intent is received at time of withdrawal, the student will be automatically dropped from the future sub-terms, resulting in a total withdrawal from the semester.
- Students requesting to withdraw must submit the **Intent to Withdrawal Form** to their academic advisor. This will constitute a withdrawal. Generally, the withdrawal date will be the date the **Intent to Withdrawal Form** is received in advising.

**UNOFFICIAL WITHDRAWAL**

The University has established a procedure, in accordance with Title IV regulations, to determine if students enrolled in the online courses are progressing toward the completion of their courses. The Title IV regulations require universities to have a mechanism in place for determining whether or not a student who began a course, and received or could have received a disbursement of Title IV funds, unofficially withdrew.

Students who have begun, yet cease to submit any academic assignments (such as an examination, written paper or project, discussion board post, or other academic event) during the enrollment period, will be assigned grades of FN. Students receiving all FN's in a semester will be processed as an unofficial withdrawal. The withdrawal date is the last date an academic assignment was submitted during the enrollment period. A Title IV withdrawal calculation will be performed for the student and the student will be reported as withdrawn. Students will be notified by the Financial Aid Office regarding the results of the Title IV withdrawal calculation.

**TITLE IV WITHDRAWAL POLICY**

When students withdraw from all classes in a given term, they will be subject to a proration of all federal, state and institutional aid. This proration takes into account the total number of days that the student was enrolled. For instance, if there are 100 days in a term, and a student withdraws on day 20, that student has earned 20% of his federal, state and institutional aid. All remaining aid is unearned, and unearned portions of federal funds are required by law to be sent back to the federal government (34 CFR 668.22). *Please note that Liberty University institutional aid will be prorated according to the same schedule as Title IV federal student aid.*

Because of these provisions, please be aware that having enough financial aid to cover your charges at the beginning of the semester does not ensure that your financial aid will completely cover your charges at the time of withdrawal.

To begin the withdrawal process: **Resident** students must contact their Student Advocate. **Online** students must contact their Academic Advisor. For more information on the financial repercussions of withdrawing, please contact Liberty University's Financial Aid Office at: 1-888-583-5704.

**WITHDRAWAL REFUND POLICY**

Depending on the student's state of residence, there may be specific state requirements regarding withdrawal refunds. Once a withdrawal is processed, the student will need to contact Student Accounts to receive further details about their individual refund.

**An Online student** who is currently enrolled in courses for a given term (including overlapping 16-week sub-terms) will be considered as totally withdrawn when that student is withdrawn from all courses in that sub-term.

- Any student who completes the official withdrawal procedure may receive a refund of tuition and mandatory fees (i.e. technology and activity fees, if applicable) as follows:
  1. 100% tuition and fees will be credited if the student withdraws within the first week of the class but before submission of the first assignment (first assignment includes the Course Requirement Checklist).
  2. 75% tuition and fees will be credited if the student withdraws after submitting their first assignment and through the end of the second week of classes.

3. 50% tuition and fees will be credited if the student withdraws after the second week of classes and before the end of the fourth week of classes.
4. 25% tuition and fees will be credited if the student withdraws after the fourth week of classes but before the seventh week of classes.
5. No tuition or fees will be credited after the sixth week of classes.

**Intensives:** A week is defined as Monday morning at 12:00 a.m. through Sunday night at 11:59 p.m. This may not align with the posted deadlines.

1. **One- and Two-Week Intensives** (tuition and fees credit)
  - 100% - Start of class to close of the first day
  - 50% - Start of class to close of the second day
  - 0% - After the close of the second day, the student is liable for ALL tuition and fees
2. **Three-Week Intensive** (tuition and fees credit)
  - 100% - Start of class to close of the first day
  - 50% - Start of class to close of the third day
  - 25% - Start of class to close of the fifth day
  - 0% - After the close of the fifth day, the student is liable for ALL tuition and fees
3. **Four-Week Intensive** (tuition and fees credit)
  - 100% - Start of class to close of the first day (end of drop/add period)
  - 50% - Start of class to close of the fourth day
  - 25% - Start of class to close of the seventh day
  - 0% - After the close of the seventh day, the student is liable for ALL tuition and fees

**UNPAID ACCOUNTS**

Tuition, the housing fee (if applicable), and all other costs on a student's account are payable prior to or at the time of Financial Check-In. Students who do not make payment on their account within a reasonable amount of time will be denied access to the cafeteria, printing services, and library until such arrangements are made. If a student is 10 or more days delinquent on his account, the student may be removed from classes. Failure to make financial arrangements could ultimately result in removal from university housing and administrative withdrawal.

Students with unpaid accounts will not be eligible to register for subsequent terms. They will also be ineligible to receive an official transcript or diploma until the account is paid in full. The student will be responsible for any collection fees incurred in collecting the account. A 1% finance charge (12% APR) may be assessed each month on outstanding balances.

**ADDITIONAL INFORMATION**

Additional information regarding the University's academic and administrative policies and procedures can be found on the University website at <http://www.liberty.edu>, <http://www.liberty.edu/online>, or <http://www.libertyu.com>.

## *Financial Aid Information and Policies*

**Robert Ritz, B.S., M.Ed., Ph.D.**

*Vice President for Financial Aid and State Relations*

The Financial Aid Office coordinates and administers the financial aid programs for the University. The Financial Aid Office provides financial assistance to students who have a financial need and who would otherwise be unable to attend Liberty University. The student and the student's family are primarily responsible for the cost of higher education. A student who needs financial assistance is expected to contribute by working or borrowing a reasonable portion of the funds needed for educational expenses. The student's family, as applicable, is expected to make a maximum effort to assist in the payment of the expenses involved.

Financial aid is available to eligible students to help meet education-related expenses. The types of financial aid available include grants, loans, scholarships, and employment. Grants and scholarships are "gift aid" and need not be repaid. Loans must be repaid to the lender over an extended period, typically after the student leaves school. Employment offered as a type of financial aid is paid at a pre-determined rate for work actually performed.

### **All applicants for financial aid are required to:**

1. Apply for admission to the University;
2. Be degree candidates. Student auditors, dually enrolled high school students and special non-degree students are not eligible for federal financial aid; and
3. Complete, electronically sign, and submit a Free Application for Federal Student Aid (FAFSA) with the United States Department of Education by **March 1** of each year in which Federal Financial Aid is desired. Liberty University must be selected as an institution to receive a Student Aid Report. Students are urged to apply early for optimum financial aid benefits. Complete the FAFSA on the web at <http://www.fafsa.ed.gov>. The school code for Liberty University is 010392. Use the IRS Data Retrieval Tool when completing the FAFSA, when eligible.

**For new students entering in the Spring semester, the preferred date to file the FAFSA is by October 1.**

1. Complete verification when required.

Once the completed FAFSA is received by the United States Department of Education, information provided by the student on the FAFSA is used to generate a Student Aid Report (SAR). The SAR indicates the amount of money the student and/or the student's family is expected to contribute towards the student's education. This is called the Expected Family Contribution (EFC), and is used to determine the student's financial need.

The student's financial need is the difference between the Cost of Attendance and the EFC. The **Cost of Attendance** includes the educational expenses of:

1. Tuition;
2. Room and board (for students living on and off campus);
3. Required fees;
4. Books and supplies;
5. Transportation; and
6. Miscellaneous expenses.

The amounts for these six educational expenses are the student's estimated **Cost of Attendance at Liberty University**, and they become the student's budget for financial aid purposes. Only the actual tuition, fees, and room and board (for resident students) are charged on the student's University bill.

Financial aid recipients are selected on the basis of demonstrated financial need (as stated earlier) and academic achievement. Most financial aid awards are based on full time enrollment, which is a minimum of 12 semester hours for an undergraduate student. ***Please note that normally 15 hours per semester is required to complete a bachelor's degree within four years.*** Each financial aid recipient is issued an Award Notification Letter, which is the University's official estimate of financial aid. Award Notification Letters are emailed to the student's Liberty email account. It is the student's responsibility to review the award letter and notify the Financial Aid Office of any additional aid being received and of any desired reduction or cancellation of the aid offered. Students who want to reduce or decline federal loans that are awarded automatically to eligible students can complete a Federal Direct Student Loan Change Form in ASIST.

In order for a Liberty University student to continue to receive financial aid, the student must maintain Financial Aid Satisfactory Academic Progress. Liberty University's policy for determining satisfactory academic progress is stated below.

For more information on financial aid, visit the Financial Aid Office located in the Student Service Center at Green Hall or on the Internet web site at <http://www.liberty.edu/financialaid>.

### *Financial Aid*

#### ***Satisfactory Academic Progress Policy (SAP)***

The Financial Aid Office of Liberty University administers student financial aid programs from federal, state, and institutional sources. The U.S. Department of Education requires schools to evaluate progress for all students, even those who did not receive financial aid in prior terms at Liberty University.

Students must meet Financial Aid Satisfactory Academic Progress (SAP) requirements to receive federal Title IV and institutional aid. The Virginia Commonwealth programs are administered under the guidelines from the State Council of Higher Education for Virginia (SCHEV).

This policy describes the **Financial Aid** Satisfactory Academic Progress requirements and is in addition to and operates separately from the **Academic** Satisfactory Progress requirements for each academic program and department/division.

#### ***Evaluating Satisfactory Academic Progress:***

The standards against which all students are measured include Qualitative, Quantitative, Maximum Time Frame, and "All Unearned Credits" standards. The academic record of all students is reviewed when final grading is completed for each term. The review is cumulative and includes all courses taken at the student's current academic level. After the evaluation, letters will be sent to all students who have insufficient academic progress and are being placed on Financial Aid Warning or Suspension.

#### **Qualitative Standard**

Cumulative GPA is composed of all coursework at the current academic level and is calculated by the Registrar's Office. Students must meet the minimum cumulative GPA as determined by their classification and program.

Student Classification	Required Minimum Cumulative GPA for Program
Bachelors Programs: 0 – 23.99 hours earned	1.50
Bachelors Programs: 24 – 47.99 hours earned	1.65
Bachelors Programs: 48 – 71.99 hours earned	1.85
All Diploma and Certificate Programs, Associates Degree Programs, Bachelors Programs: 72 plus hours earned	2.00
B.S. in Nursing	2.50

Additional academic progress criteria may exist for certain financial aid programs. For example, some private scholarships and Commonwealth of Virginia programs require a higher cumulative grade point average than those listed above. **Once a transfer student has grades for a payment period at Liberty University for coursework taken toward the eligible program, Liberty University will use the cumulative GPA calculated from those grades only.**

**Quantitative Standard**

In order to meet the quantitative standard students must complete 67% of attempted coursework at the current level. Withdrawals, incompletes, repeated courses, failure grades, and transfer hours will count as attempted coursework. Please note: completion rates are not rounded up to meet progress. If a student has a completion rate of 66.666%, they are not meeting the minimum 67% federal requirement.

**Maximum Time Frame**

A student may not exceed a maximum number of attempted hours in any program even if aid was not received during that term or prior terms. Once the student reaches the maximum timeframe allowed the student will be ineligible to receive financial aid.

Academic Program	Maximum Number of Attempted Hours
Bachelors Degree	180
Associates Degree (non-AVMT) Willmington School of the Bible (Certificate – Th.G.)	90
Associates Degree (Aviation Maintenance Technician only)	138
Certificate Programs (AVMN) (Aviation Maintenance Technician)	67
Certificate Programs (9-12 hours in length)	13
Certificate Programs (15-19 hours in length)	22

**All Unearned Credits**

Students attempting at least half-time level credits who earn no credits for the term will be placed on financial aid suspension and will not be permitted to receive financial aid in their next term.

**Grades that do not count as earned toward completion of the academic program:** Because some grades are NOT counted as earned credits toward the completion of a degree program, they are not counted as successfully completed credits toward the minimum financial aid satisfactory academic progress standards. Examples include, but are not limited to: AU, BU, CR, CU, F, FN, FW, I, IP, M, N, NP, U, W, WF, WP, WU, X, Z.

**Break in Enrollment**

When a student has a break in enrollment and is readmitted, the SAP status for prior terms will apply. For example, if a student is placed on financial aid suspension at the end of the Spring term, does not return in the Fall term, and is readmitted the next Spring term, the student will continue in a financial aid suspension status for that term.

**Federally Defined Leaves of Absence (FLOA)**

Liberty University does not grant federally defined Leaves of Absence for Financial Aid purposes. Instead of utilizing a federally defined Leave of Absence, the University assists students by:

- Making tutoring available
- Allowing students to work with faculty to finish incomplete coursework
- Allowing an official appeal of the Financial Aid Refund calculation based on unusual circumstances
- Allowing students to “stop-out” for one or more semesters
- Allowing students to drop courses with a “W” rather than an “F” during specific time-frames
- Allowing students to submit a Special Considerations Form (even during the period of enrollment) to Reconsider the calculation of need-based financial aid eligibility
- Allowing students to appeal a determination of insufficient satisfactory academic progress under the Financial Aid Satisfactory Academic Progress Policy requirements.

The “*Federally Defined Leave of Absence*” policy listed above is for student financial aid purposes only and does not address University policy for employees (i.e. FMLA regulations).

**Terms/Parts-of-Term/Summer Sessions**

A traditional semester is referred to as a standard term (e.g. Fall, Spring, and Summer). Standard terms, as defined by Liberty University, are comprised of a combination of smaller “sub-terms” (e.g. sub-term B, sub-term C, etc.). Satisfactory Academic Progress requirements are calculated based on the combined sub-terms as defined by Liberty University. Intercession credits from classes occurring during approximately the final two weeks of December and/or the first two weeks of January will be added to the Spring Term. Any other intensive courses will fall within a standard term (and be attributed to only that specific standard term). Summer sub-terms, for the purpose of credit hour load and measurement of progress, are combined together into the Summer term. The Summer term is considered a “trailer” at Liberty University. This means that aid processed for the Summer term will be based on the FAFSA from the prior year.

**Delay or Changes with Future Aid**

In some cases, the grades are submitted on dates close to or during the subsequent term. This will delay the SAP review process and may affect aid in subsequent terms for some students. Students who are affected will see their financial aid satisfactory academic progress as “Waiting” status in ASIST until grades are submitted and SAP is reviewed.

**Withdrawals and Incompletes**

Courses from which a student withdraws or receives a grade of incomplete will not be considered as satisfactorily completed. The courses, which will be considered courses attempted but not completed, may negatively affect eligibility for the next term and will factor into the measurement for the maximum time frame.

**Repeated Courses**

Repeated courses are considered in the maximum time frame requirement. The course/s will be considered as attempted each time the course is taken. Repeating the same course during the same term is not allowed as this would inflate the student's enrollment level requiring the elimination of related financial aid. Additionally, a course that is repeated during the same term would cause an incorrect calculation of the completion rate (Quantitative Standard) listed above. In most cases, enrollment in a course that is repeated more than once cannot be counted toward enrollment for future financial aid eligibility.

**Transfer Courses**

Transfer courses are not considered in determining eligibility under the qualitative measure but are considered in the quantitative and maximum time frame measurements. Transfer students are awarded as first-year students without regard to grade or warning status at the prior post-secondary institution. The Financial Aid SAP requirements would then be used to measure the transfer student's continued status. Transfer credits must be evaluated and a grade-level established, and any Unusual Enrollment Holds (UEH) designations must be cleared before any educational loans are processed.

**Consortium Agreements**

The number of credits earned under an approved consortium agreement is integrated into the student's record upon completion of the course. Note: Courses must first be approved for transfer by the Liberty University Registrar's Office. The Consortium Agreement is also subject to approval by both the home and host institution's authorized financial aid staff. Failure to complete the course/s could negatively reflect in the SAP evaluation. Financial Aid staff from the home school will request information from the host school during the enrolled term to confirm continued enrollment and (at the end of the term) satisfactory academic progress. Failure to complete the course/s or completing a course/s in a manner that does not comply with University's transfer standards will result in financial aid suspension and future requests for a consortium agreement will not be considered. If a Financial Aid SAP appeal is approved, unearned hours under the consortium agreement will not be calculated when future progress reviews occur.

**Remedial/Developmental Course Work**

Financial aid is not available for non-credit remedial courses. Remedial/Developmental courses carrying regular college credit are considered in determining the qualitative, quantitative and maximum time frame requirements for SAP. These courses are counted in enrollment for financial aid eligibility since they meet the following federally defined requirements:

1. They are not a prerequisite that would hinder admission into an eligible degree program at Liberty University.
2. They are less than one year in length.
3. They offer instruction above the 5<sup>th</sup> Grade Elementary level.
4. They are not used to satisfy high school graduation requirements.

**ESL Courses**

Financial aid, including Dependent Grant in Aid (DGIA) and Continuing Education (CE) benefits, is not available for students enrolled in the ESL/ELIL program. ESL courses taken as part of an undergraduate program are non credit courses. ESL/ELIL courses are not included in the calculation of satisfactory academic progress.

**Special Student Status**

Special Students are not eligible for federal and state aid. Some Special Students qualify for certain institutional aid programs. For this reason, the Quantitative Standard Rule, Maximum Timeframe Rule and All Unearned Credits Rule of the Financial Aid Satisfactory Progress Policy apply to Special Students. The minimum cumulative grade point average requirement for Special Students is as follows: 2.00 is required for Institute, Graduate, Doctoral and Law; 1.5 is required for Undergraduate Special Students.

**Change in Major / Additional Degrees**

When a student changes their major or seeks an additional degree, the student may appeal to the Financial Aid Office to have courses attempted and earned that do not count toward the student's new major or degree excluded from the Maximum Time Frame calculation of a student's SAP standing.

**Changed Grades**

If a grade is changed, the student is required to notify the Financial Aid Office immediately. The Financial Aid Office will then initiate a review of the effect of the grade change on academic progress within 30 days of notification. A grade change late in or after the term in question, or failure to notify the Financial Aid Office may result in the loss of financial aid eligibility because regulations may limit the time within which aid may be re-awarded or disbursed.

The Liberty School of Law adheres to a schedule which allows for grades to be submitted after the end of the term. Because of this, Liberty School of Law students evaluated after grade submissions may have their aid eligibility recalculated – and may need to adjust their payment arrangements through Financial Check-In later than non-law students.

**Academic Amnesty Program**

Federal regulations require that the student's complete academic history be included in the evaluation of Financial Aid Satisfactory Academic Progress. Therefore, the Academic Amnesty Program at Liberty University cannot alter the academic history reviewed for Financial Aid Satisfactory Academic Progress.

**Failure to Make Satisfactory Academic Progress**

Students who fail to meet the qualitative and/or quantitative standards at the end of a term (based upon the student's enrollment) will be placed on financial aid "warning" status and will remain eligible for financial aid while on a warning status. Students on financial aid warning status must meet the qualitative and quantitative requirements by the next term's measurement of progress.

Students not meeting the requirements at the next term's measurement of progress will be placed on financial aid suspension and considered ineligible for future financial aid until the deficiencies are resolved.

**Re-establishing Eligibility**

Students may re-establish eligibility for financial aid by taking appropriate action to meet the minimum academic standards. If the student cannot meet the academic standards, re-establishing eligibility usually requires the submission of a Satisfactory Academic Progress Form with supporting documentation. Readmission to Liberty University after **Academic** suspension or approval of an **Academic** suspension appeal does not automatically reinstate **financial aid** eligibility after a **Financial Aid** suspension.



**Exemption of Certain Institutional Funds**

Some specific institutionally funded sources of financial aid are excluded from the minimum requirements under the Financial Aid Satisfactory Academic Progress Policy. These funds include:

- The Liberty University Online Program Alumni Scholarship
- The Liberty University Online Military Tech Fee Waiver
- The Founder’s Memorial Scholarship Programs (including associated funds formerly known as “Jerry Falwell Ministries - JFM” or “Jerry Falwell Scholarship - JFS”).
- Discounts that are not listed as an aid fund, but as a resource.
- Liberty University employees who are not enrolled in a degree program –and- not receiving any other type of financial aid covered under this policy, are exempt from the 150% rule requirement.

**PLEASE NOTE: The Dependent Grant in Aid (DGIA) program does require the student to be enrolled in a degree program and therefore DGIA recipients are subject to the 150% rule and other requirements within this policy.**

- The Liberty University VTAG Institutional Fund
- The WWMC Radio Scholarship Fund
- The Liberty University Online Promotional Fresh Start Award
- The Liberty University Endurance Program
- The Liberty University Online Promotional Tech Fee Waiver
- The Liberty University Online Promotional Book Dollar Award

**Appeals**

A student who is placed on financial aid suspension may appeal this decision. To appeal the financial aid suspension, a student must submit to the Financial Aid Office Appeals Committee a signed and dated Satisfactory Academic Progress Appeal Form and any supporting documentation as described on the appeal form. If documentation is requested, it is typically provided from an objective third-party.

<b>Examples of objective 3<sup>rd</sup> party officials that often can provide acceptable documentation:</b>
Doctor, lawyer, pastor, religious leader, social worker, teacher, guidance counselor, psychologist, psychiatrist, therapist, judge, parole officer, court officials, law enforcement, employer, funeral director, human resources director, military clerk, nurse, physician’s assistant, medical secretary, medical technician*
* Family members of the student, friends, and Liberty University employees are not considered an acceptable third party.

<b>Examples of typically acceptable official documentation:</b>
Signed letter on letterhead from official 3 <sup>rd</sup> party individual, medical bill, medical chart, x-ray, discharge paperwork, pay stub, death certificate, obituary, funeral program, newspaper article, certificate of separation, divorce decree, insurance statement, moving documents, lease agreement, legal documents, military orders, summons, arrest warrant, police report, court documents**
** Official documentation is required to be dated and, as applicable, include a date of service or date related to the reason for the appeal. If a letter is being submitted, it must include a wet signature (electronic, stamped, and photocopied signatures will not be accepted). A character reference not addressing the appeal circumstances is not considered acceptable documentation.

After the committee reviews the submitted appeal, the student will be notified of the decision in writing. All financial aid awards remain cancelled until the student follows these appeal procedures and receives a written notification of reinstatement. If a reinstatement is approved, the reinstatement will last from the date of the appeal approval until the next term measurement event.

Reinstatement of aid eligibility is not retroactive and will only affect current or future enrollment periods. In the cases of those students receiving financial aid in the form of subsidized employment, the student’s worksite supervisor/s will be notified of the reinstatement.

Students on financial aid warning status are not required to submit a letter of appeal since their financial aid eligibility will continue during the warning status.

Students who submit an appeal to the Financial Aid Office very late in a term or after the term has ended may lose financial aid eligibility because regulations may limit the time within which aid may be re-awarded and/or disbursed.

During the period of an approved appeal, students must satisfactorily fulfill the requirements in the Financial Aid academic plan. This academic plan requires every student to have a cumulative completion rate of 75% and a GPA requirement reflecting a quarter point (.25) average above for that regular program for the term of the approved appeal. This plan supports the progression towards resolving overall Satisfactory Academic Progress deficiencies. If the student fails to meet this standard, they will be placed back on suspension and will lose financial aid eligibility.

**Student Should Monitor Progress**

Students are responsible to review their grades (when midterm and end-of-term grades are available) and compare their progress to the standards set forth in the Financial Aid Satisfactory Academic Policy to ensure that they are aware of their standing. As they review their academic information, students are encouraged to proactively seek assistance like pursuing academic advising, arranging tutoring, or regularly discussing their academic work with their instructor/s.

**PLEASE NOTE:** Since a financial aid suspension that is caused from one term’s grades could immediately affect the next term’s aid, even after the student begins attendance of that term, all students are encouraged to monitor their own progress very closely.

**Consumer Information Statements**

Liberty University, as permitted by federal regulation [34 CFR 668.41], electronically disseminates consumer information including: *The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act* information. Upon request, the institution will provide a free paper copy. Anyone signing or processing financial aid forms or seeking information or assistance at Liberty University must read, understand, and comply with the requirements disclosed which are available 24 hours a day at <http://www.liberty.edu/financeadmin/financialaid/index.cfm?PID=21792>.

**Examples of Important Consumer Information**

- Campus Crime Reporting and Statistics including:
  - ✓ Emergency Notification Procedures
  - ✓ Fire Safety Reporting
  - ✓ Hate Crimes Reporting
  - ✓ Missing Student Reporting Procedures
- Completion and Persistence Rates Information
- Constitution and Citizenship Day Information
- Drug Abuse and Prevention Program Information

- Equity in Athletics Disclosure Act Information
- Peer-2-Peer File Sharing Policy
- “Red-Flag” Rule (Identity Theft) Information
- Returning Service Members Policy
- Textbook Price and Cost Calculator Information
- Voter Registration Information

## ***Student Rights and Responsibilities***

### **STUDENT RIGHTS**

Every student has the right to know:

- The financial aid that is available (including information on all federal, state, and institutional financial aid programs);
- The deadlines for submitting applications for each of the financial aid programs;
- The cost of attendance, and the policies regarding refunds to students who drop out of school;
- The criteria used to select financial aid recipients;
- How financial need is determined (including the consideration of costs for tuition, room and board, fees, books and supplies, transportation, and miscellaneous expenses);
- The resources (such as parental contribution, assets, other financial aid, etc.) that are considered in the calculation of need;
- Details regarding various programs in the financial aid award package. (the student may request reconsideration of the award which was offered should he/she believe he/she was treated unfairly);
- The portion of the financial aid received which must be repaid, and the portion which is grant aid;
- The interest rate, total amount to be repaid, when repayments must begin, and the length of time allowed to repay loan funds;
- Terms and conditions of any employment that is a part of the financial aid package;
- How the University distributes financial aid among students;
- How and when financial aid is disbursed;
- The University’s refund policy and order of financial aid refund distribution;
- How the school determines whether a student is making satisfactory progress, the consequences of not meeting those standards, and how to reestablish satisfactory academic progress;
- The academic programs offered by the University;
- The office designated for providing financial aid information and for administering financial aid programs or general institutional issues;
- University retention and completion rates;
- Information regarding accreditation and licensing organizations;
- Special facilities and services available to disabled students;
- About University facilities;
- About University faculty and other instructional personnel;
- About campus security from an annual campus security report also upon request from the University’s Police Department;
- Actions taken by the University for any violation (and to prevent violation) of the provision of the Drug-Free Workplace Act of 1988;

- Data for the general student body, and data related to the awarding of athletically related student aid;
- Equity in athletics;
- Program participation agreement (PPA) requirements; and
- Students’ rights and responsibilities as financial aid recipients.

### **STUDENT RESPONSIBILITIES**

It is the student’s responsibility to:

- Complete all applications for student financial aid carefully and accurately, and to submit these applications to the appropriate agency or office prior to the deadline. Errors may delay or eliminate the receipt of financial aid. Intentional misreporting of information on the application for aid forms is a violation of law and considered a criminal offense subject to penalties under the U.S. Criminal code;
- Return and submit all additional documentation, verification, corrections, and/or information requested by the Financial Aid Office or other agency in a timely manner;
- Read, understand, and keep copies of all forms that are submitted;
- Accept responsibility for all agreements signed;
- Keep the Financial Aid Office and the lender informed of any changes in address, name, marital status, financial situation, or any change in enrollment or student status;
- Report to the Financial Aid Office any additional assistance from non-University sources such as scholarships, loans, fellowships, and educational benefits;
- Maintain satisfactory academic progress;
- Read Liberty University email and ASIST messages for communication from the Financial Aid Office;
- Complete exit counseling upon graduation, withdrawing, or whenever a break in enrollment occurs and when dropping below half-time;
- Re-apply for financial aid each academic year; and
- Complete the online entrance counseling and Master Promissory Note when receiving a Federal Direct Loan for the first time at Liberty University.

If the student borrower disputes the terms of the loan in writing and the institution does not resolve the dispute, the student may contact the Student Loan Ombudsman’s Office. The United States Department of Education’s Ombudsman Office can propose solutions that may help you and other parties come to a final agreement. Before you call, make sure you have good records of people you have talked to and what they have said. Remember, too, that an ombudsman cannot reverse a decision or take sides.

*Reach the Ombudsman at: 1-877-557-2575 or [www.ombudsman.ed.gov](http://www.ombudsman.ed.gov) or [www.sfahelp.ed.gov](http://www.sfahelp.ed.gov); or Office of the Ombudsman; U.S. Department of Education; Office of Student Financial Assistance Programs; ROB-3, Room 3012; 7th & D Streets, SW; Washington, DC 20202-5144.*

## ***Federal Title IV Student Aid Programs***

### **ELIGIBILITY FOR FEDERAL AID**

To receive federal aid, a student must:

- Be a United States Citizen or eligible non-citizen;
- Demonstrate financial need (except for certain loans);
- Have a high school diploma or a General Education Development (GED) certificate;

- Be enrolled or accepted for enrollment as a regular student working toward a degree or certificate in an eligible program;
- Certify that you are not in default on a federal student loan and do not owe money on a federal student grant;
- Have a valid Social Security Number;
- Register with the Selective Service if required. You can use the paper or electronic FAFSASM to register, you can register at [www.sss.gov](http://www.sss.gov), or you can call 1-847-688-6888. (TTY users can call 1-847-688-2567.);
- Maintain satisfactory academic progress once in school;
- Certify that you will use federal student aid only for educational purposes.

**FEDERAL PELL GRANT**

Federal Pell Grant awards range from \$574 to \$5,730 for 2014-15 and vary from year-to-year. These funds are “gift aid” and do not have to be repaid by the student. Award amounts are based on cost of attendance, enrollment status (full-time or part-time), and need analysis information provided on the Student Aid Report (SAR).

**FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)**

The Federal Supplemental Educational Opportunity Grant (FSEOG) is available for undergraduate students with an Expected Family Contribution of zero. In 2012-13, the maximum award amount is \$1,000 per academic year for a full time student. This also varies from year to year.

**FEDERAL TEACH GRANT SUMMARY**

The Federal Teacher Education Assistance for College and Higher Education (TEACH) Grant program was created to fill the teacher shortages in high-need fields. The Federal TEACH grant program is the first federal grant program that requires a service agreement and has the potential of converting to a loan. The Federal TEACH Grant makes up to \$4,000/year available for full-time students on both the undergraduate and graduate levels. Amounts are prorated for lower enrollment levels. The maximum aggregate amount an undergraduate student can receive is \$16,000. The maximum a graduate student can receive is \$8,000. These funds can only be used for the student’s first bachelors or first graduate degree. This program is not available for students in doctoral programs.

**Service Agreement**

In exchange for receiving a Federal TEACH Grant, students must agree to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students (see below for more information on high-need fields and schools serving low-income students). As a recipient of a Federal TEACH Grant, you must teach for at least four academic years within eight calendar years of completing the program of study for which you received a Federal TEACH Grant.

**IMPORTANT:** If the student fails to complete this service obligation, the United States Department of Education will convert all Federal TEACH Grants funds that the student received to a **Federal Direct Unsubsidized Stafford Loan**. The student must then repay this loan to the United States Department of Education. **The student will be charged interest from the date the grant(s) disbursed.**

**Student Eligibility Requirements**

- Complete the Free Application for Federal Student Aid (FAFSA), although you do not have to demonstrate financial need.
- Be a United States citizen or eligible non-citizen.
- Be enrolled in an eligible program
- Be enrolled as an undergraduate, post-baccalaureate, or graduate student in a postsecondary educational institution that has chosen to participate in the Federal TEACH Grant Program.
- Be enrolled in coursework that is necessary to begin a career in teaching or plan to complete such coursework.
- Meet certain academic achievement requirements (generally, scoring above the 75th percentile on a college admissions test or maintaining a cumulative GPA of at least 3.25).
- Sign a Federal TEACH Grant Agreement to Serve
- High Needs Fields: Bilingual Education and English Language Acquisition, Foreign Language, Mathematics, Reading Specialist, Science, Special Education

**Eligible Degree Programs at Liberty University**

For a list of eligible degree programs, please visit this link: <http://www.liberty.edu/index.cfm?PID=18416>.

**FEDERAL DIRECT STUDENT LOANS**

Federal Direct Student Loans are low interest loans available to students who are enrolled at least half-time. Students demonstrating sufficient need (as reflected on their Student Aid Report, which is sent to the University by the United States Department of Education) may be eligible for subsidized funds, in which the government pays interest accrued while they are in school and during the grace period. Students who do not have sufficient demonstrated need may be eligible for unsubsidized funds, in which the student pays the interest. Students have the option of capitalizing the interest (adding it to the principle) while attending school. Repayment begins six (6) months after students graduate, withdraw, break enrollment, or drop below half-time status.

**ANNUAL FEDERAL LOAN LIMITS**

Student Type	Base Amount (maximum Subsidized portion)	Additional Unsubsidized Loan
Dependent Freshman	3,500	2,000
Dependent Sophomore	4,500	2,000
Dependent Junior / Senior	5,500	2,000
Independent Freshman	3,500	6,000
Independent Sophomore	4,500	6,000
Independent Junior / Senior	5,500	7,000
Graduate Student	0	20,500

**PARENT PLUS LOAN DENIAL**

Dependent undergraduate students whose parents are denied eligibility for the Federal Parent PLUS Loan have higher additional Unsubsidized Loan amounts. Freshmen and sophomore students may borrow a maximum of \$6,000 unsubsidized loan funds in addition to their “Base Loan” amount listed above. Junior and senior students may borrow a maximum of \$7,000 unsubsidized loan funds in addition to their “Base Loan” amount listed above.

### AGGREGATE LOAN LIMITS (EFFECTIVE JULY 1, 2008)

- Undergraduate Dependent Students: \$31,000 (no more than \$23,000 of which can be subsidized)
- Undergraduate Independent Students: \$57,500 (no more than \$23,000 of which can be subsidized)
- Graduate Students: \$138,500 (no more than \$65,500 of which can be subsidized).

### FEDERAL DIRECT PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS)

Federal Direct Parent Loans for Undergraduate Students (PLUS) are low interest loans available to parents of dependent undergraduate students who are enrolled at least half-time. Credit-worthy parents may borrow up to the full cost of attendance minus all other aid. The borrower is responsible for all interest accrued from the date of each disbursement. Repayment on the full loan amount begins approximately 60 days after the loan is disbursed. To apply for a PLUS loan, contact the Financial Aid Office for further details.

### FEDERAL WORK STUDY (FWS)

The Federal Work Study program provides employment opportunities for students who have a demonstrated financial need based on the FAFSA. Students are paid on an hourly basis; pay will be at least the current federal minimum wage. The total amount of aid a student receives from both federal and non-federal sources cannot exceed financial need. The \$4,000 Federal Work Study cannot be applied toward initial Financial Check-In. Federal Work Study is awarded to eligible students with remaining federally defined unmet need. Awards are made until projected program funds are depleted.

## *Virginia Student Aid Programs*

### TUITION ASSISTANCE GRANT PROGRAM (VTAG)

Established in 1972, the Tuition Assistance Grant Program (VTAG) is designed to assist Virginia residents who attend accredited private, non-profit colleges and universities in Virginia for other than religious training or theological education. The VTAG is authorized in Chapter 4.1 Section 23-38.11 through 18 of the *Code of Virginia* as the Tuition Assistance Grant Act.

Applications must be submitted to the Financial Aid Office before the published annual deadline in order to be considered for the maximum award amount. The maximum undergraduate amount is estimated at \$3,100 for 2013-14. The graduate (M.S.N. degree) amount is estimated at \$1,150 for 2013-14.

Full-time students enrolled in an approved program of study, who have been Virginia domiciliary residents for at least 12 consecutive months by the beginning of the fall term for the current academic year, may be eligible for an award. A student who is in Virginia solely to attend college is not considered to be a domiciled resident. Applicants must also be a citizen or permanent resident of the United States. The Tuition Assistance Grant award is determined by the Virginia Commonwealth and may be received for no more than eight (8) semesters as an undergraduate and six (6) semesters as a graduate student. Students moving from undergraduate to graduate must complete a new VTAG application.

Students pursuing a degree in religious training or theological education may not receive VTAG. Students pursuing the Worship and Music Studies or the Pastoral Leadership and Biblical Exposition majors are not eligible for VTAG.

Beginning in 2009-10, eligible graduate programs are limited to those in a health-related professional program. At Liberty University, the Masters of Science in Nursing (M.S.N.) and the Masters of Public Health (M.P.H.) with concentrations in Nutrition and Promotion are the graduate programs eligible for VTAG.

### VIRGINIA TWO-YEAR COLLEGE TRANSFER GRANT (CTG) AND CTG PLUS PROGRAMS

Up to \$1,000 can be awarded to students who received an Associate's degree at a Virginia two-year public institution with a cumulative GPA of 3.00 on a 4.00 scale who are enrolled at a participating four-year institution. The undergraduate, first-time, in-state student must be enrolled in an eligible degree program and have federally defined financial need with a federal expected family contribution of \$8,000 or less.

### REHABILITATIVE SERVICES

State and federal education benefits may be available to assist eligible students with varying degrees of physical disability (paralysis, sight, hearing, etc.). Eligibility requirements differ from agency to agency. For more information, contact the appropriate agency or the Financial Aid Office.

## *Department of Veterans Affairs (VA) Educational Assistance*

Students may receive benefits under one of the following programs:

- Selected Reserve Educational Assistance Program;
- Post-Vietnam Era Veterans' Educational Assistance Program (VEAP);
- Active Duty Educational Assistance Program;
- GI Bill;
- Vocational Rehabilitation; and
- Dependent's Educational Assistance (Chapter 35).

For further information, contact the nearest VA regional office or the Military Affairs Office at Liberty University.

### CERTIFICATION

Certification to the VA will be submitted on a VA 22-1999 after the drop period for the sub-term in which the student is enrolled. All discounts and scholarships applied to the student's account will be subtracted from the tuition and fees submitted to the VA. Any changes during the semester (hours and tuition) will be reported to the VA for adjustment.

### PAYMENT

The VA will send payment directly to the student in lump sum or a monthly check. If payment has not been received within a reasonable amount of time after certification, it is the student's responsibility to contact the VA directly to determine the cause. Questions concerning the amount of payment should also be directed to the VA. The VA may be contacted by phone at 888-442-4551 (888-GI BILL1) or by email at [buffipo@vba.va.gov](mailto:buffipo@vba.va.gov). The website for the Department of Veterans Affairs is <http://www.gibill.va.gov>.

### APPLYING FOR VA BENEFITS

Students who have previously used their VA educational benefits should complete a VA 22-1995 (Request for Change of Program or Place of Training form) and submit it to Liberty's Military Affairs Office. Students who have never used VA educational benefits should complete a VA 22-1990 (Application for Education Benefits form). Both forms may be obtained from any

local VA office, printed from the VA website, or they can be mailed from the University upon request.

Reservists under Chapter 1606 (New GI Bill for Selected Reservists) should obtain an approved DD 2384 and submit it to Liberty with the VA 22-1990. The DD 2384 may be obtained from the unit commander or the unit education counselor. Active duty personnel may obtain these forms from the Education Services Officer on base.

A certificate of eligibility from the VA will be mailed to the student approximately 6–8 weeks after the application has been processed. The student should then forward copies of the certificates to Liberty's Military Affairs Office. The VA will notify the student in writing if the student is not eligible for benefits.

### ***Tuition Assistance Program Eligibility for Active Duty Military, National Guard, and Reservists***

Active duty military and reservists interested in obtaining Tuition Assistance must check with their Education Services Officer to determine whether they are eligible. Students are encouraged to visit their Education Office at least 30 days prior to their anticipated enrollment date.

#### **UP-FRONT TUITION ASSISTANCE (TA)**

Students requesting Up-Front Tuition Assistance (TA) must request an application from their base Education Office. If the application is approved, the student must submit a copy of the authorized TA form (and all other forms required by the base) to the academic advisor for registration. Students are encouraged to keep copies of all forms for their records.

Students who are eligible for Tuition Assistance are required to pay the portion of their tuition and fees that are not covered by TA prior to registration. An invoice for the amount approved on the TA form will be sent to the student's Education Office after the activation of the term. The Education Office should send payment directly to the University.

A grade report will be submitted to the base Education Office after the student completes the course(s). Students consent to the release of their grade(s) by signing the Tuition Assistance form.

### ***Liberty University Scholarships***

#### **GENERAL SCHOLARSHIP REGULATIONS**

All recipients of Liberty University institutional scholarships, institutional aid, or any type of federal aid must complete and file a Free Application for Federal Student Aid (FAFSA) with the United States Department of Education and complete verification, if selected. Virginia residents must also apply for the Virginia Tuition Assistance Grant Program (VTAG) through the Financial Aid Office. Annual application is not required. In addition, each Liberty University Scholarship recipient must accept all federal and state grants for which they are eligible as a condition of awarding the Liberty University scholarships. All scholarships are awarded for a period of one year, unless otherwise noted.

**A scholarship recipient must complete and properly file all forms necessary in applying for a federal and/or state grant; and complete verification if selected.**

Federal aid (Pell, SEOG, Federal Direct Stafford Loans or Plus Loans) and institutional scholarships cannot be counted toward Financial Check-In until the FAFSA is received by the University and verification is completed when required.

#### **The General Scholarship Rule (GSR)**

A student's combined federal grants, state grants, and Liberty aid are not permitted to go above the combined cost of actual

tuition and room and board charges based on the lowest rate charged by the University. Students who are not charged for housing cannot exceed the cost of actual tuition only for federal grants, state grants, and Liberty aid. If the combined aid exceeds the total cost of tuition and room and board as specified, Liberty aid will be reduced to resolve the excess aid. The Federal Pell Grant is not included as a factor in the GSR for resident students.

**Liberty University Continuing Education and Dependent Grant in Aid educational benefits are not eligible for use in the online Doctor of Business Administration (DBA) program, COM Doctor of Osteopathy, School of Law Juris Doctor, undergraduate or graduate certificate programs, or the online Graduate of Theology (ThG) program.**

For recipients of institutional aid (and discounts) such as Continuing Education and Dependent Grant-In-Aid, and others including Resident FCA/LCA/Temple/TCS, who qualify for federal or state grants, the tuition scholarship will be reduced by these federal and state grant amounts.

Liberty University scholarships are not transferable. Any unused portion cannot transfer to the next semester or to another person. Liberty University scholarships will not cover any intensives or summer/winter internships.

Most admissions scholarships are awarded for, and are not to exceed, 8 semesters, as long as the student meets the Financial Aid Satisfactory Academic Progress (SAP) criteria and all the other rules according to the University Catalog and *The Liberty Way*.

Liberty University scholarships will be cancelled if the student is not enrolled in 12 undergraduate hours or more for each semester. Scholarships apply to the undergraduate program only.

A scholarship recipient must meet the academic standards of Liberty University as outlined in this catalog. Any scholarship may be revoked or reduced at any time for dismissal from the University because of failure to meet academic standards, failure to abide by the rules, regulations, and policies of the University, voluntary or administrative withdrawal, or misrepresentation of information on an application or other documents presented to the University.

For details regarding the scholarship guidelines, please check the Financial Aid website <http://www.liberty.edu/financialaid>.

Awards that cover the majority of direct costs (i.e., DGIA, Continuing Education, Private School Affiliation Scholarships, etc.) do not allow for stacking with other Liberty aid sources such as the Liberty Champion or-New Student Book Dollars.

### ***Corporate Tuition Assistance***

#### **ELIGIBILITY**

The student must contact his Personnel Office for information concerning continuing education benefits.

#### **FORMS**

All Tuition Assistance application forms must be obtained from the student's employer. The approval document should include the amount of tuition approved for payment, the address for invoicing, and an authorized signature. The form must be sent to the Financial Aid Office.

The Financial Aid Office will invoice the employer for tuition payments upon receipt of an original approval certificate or letter. Corporate Tuition Assistance must be paid upon receipt of billing.

#### **REIMBURSEMENTS**

Students who receive tuition benefits after they have completed their courses should request a receipt from the Student Accounts Office at the end of the semester.

## ***Admissions Scholarships***

### **Academic Achievement**

Scholarships are based on GPA and SAT or ACT scores. For further information, please contact the Office of Admissions at 1-800-543-5317 (option #2).

### **OTHER SCHOLARSHIPS**

#### **Athletic**

Athletic grant-in-aid is available in all intercollegiate sports programs for qualified athletes. **Inquiries should be addressed to the Head Coach of the specific sport of interest.**

#### **Endowment**

After one semester of attendance at Liberty, students who meet specific requirements may be eligible for endowment scholarships. For more information, e-mail financial aid at [financialaid@liberty.edu](mailto:financialaid@liberty.edu). Endowment applications must be submitted by the published deadline.

#### **Honors Program**

Academic Scholarships are available to students who apply to and are accepted into the Honors Program. For high school students, applying for admission to the program the requirements are test scores on the SAT of 1270 or a score on the ACT of 29. Transfer or Liberty University students continuing in the program must maintain a cumulative GPA of 3.50. **For more information, contact the Honors Program Office.**

#### **Music**

These scholarships require membership in either an instrumental (marching band or pep band) or a vocal group. **For more information, contact the Chair of the Department of Music.**

#### **National Merit**

Scholarships are awarded to students who have been designated National Merit Finalists, Semi-Finalists, or Commended students and who participate in the Honors Program. **For more information, contact the Resident Admissions Office.**

#### **Outside Scholarships**

Outside scholarships are scholarships that students will use as additional funding. Scholarships may be awarded from foundations, churches, retail businesses, etc. Outside scholarship awards combined with other financial aid cannot exceed the student's unmet need.

The Financial Aid Office requires written confirmation from the scholarship donor. Notification of the outside scholarship award should be sent as early as possible in order for the student to include the scholarship during Financial Check-In.

## ***Appeal and Complaint Policies***

Policies and processes for residential and online students who wish to file a complaint or appeal their financial aid awards are published online at <http://www.liberty.edu/financeadmin/financialaid/index.cfm?PID=19260>.

### **INSTITUTIONAL SCHOLARSHIP APPEAL PROCESS**

A student may appeal the decision to cancel eligibility for a scholarship by sending a detailed, signed letter stating any mitigating circumstances to be considered. The Financial Aid Scholarship Appeals Committee reviews the submitted appeal and supporting documentation. Within 30 days, the students will be notified of the decision in writing.

Appeals may be submitted to:

Financial Aid Scholarship Appeals Committee  
Liberty University Financial Aid Office  
1971 University Blvd.  
Lynchburg, VA 24515  
Fax: (434) 582-2053

### **FINANCIAL AID GENERAL APPEAL FOR ASSISTANCE**

The Resident and Liberty University Online Student Advocate Offices assist students who have gone through all the customary operating procedures but have not been able to resolve particular challenges related to financial aid. The primary function of these offices is to answer students' questions and resolve problems.

For Liberty University Online students, appeals and General Complaint forms may be submitted to:

Online Advocate Office  
Liberty University  
1971 University Blvd.  
Lynchburg, VA 24515  
Fax: (800) 628-7977

For Resident students, appeals may be submitted to:

Resident Advocate Office  
Liberty University  
1971 University Blvd  
Lynchburg, VA 24515  
434-582-7200  
[studentadvocate@liberty.edu](mailto:studentadvocate@liberty.edu)  
[www.liberty.edu/SAO](http://www.liberty.edu/SAO)

### **VIRGINIA STATE GRANT APPEAL PROCESS**

A formal appeal concerning the decision to deny approval for state grant eligibility may be filed by contacting the State Grants Coordinator in the Liberty University Financial Aid Office. If the appeal is denied, the State Grants Coordinator will notify the student within 30 days.

State Grant Appeals to the State Grants Coordinator may be submitted to:

State Grants Coordinator, Appeal  
Liberty University Financial Aid Office  
1971 University Blvd.  
Lynchburg, VA 24515  
Fax: (434) 582-2053

If the student disputes the decision made by the State Grants Coordinator, the student may appeal to the State Council of Higher Education (SCHEV). The student must submit a copy of the appeal and supporting documentation.

State Grant Appeals to the State Council of Higher Education (SCHEV) may be submitted to:

State Council of Higher Education for Virginia  
Office of Student Financial Aid  
2011-12 TAGP Appeals Committee  
James Monroe Building  
101 N 14th St.  
Richmond, VA 23219

The state office will then request any additional information that is needed. The office will also contact the school and request any documentation the school may have received and an explanation of the denial. They will ask for the school to fax the following:

1. Copy of the VTAG application
2. Date student's application was received
3. Date the student started school
4. Date the student moved to Virginia

5. Dates of enrollment and number of attempted hours for each semester
6. Copy of denial letter
7. Any other documentation that pertains to decision

The student may also submit a second appeal if they are denied by the first SCHEV Council at the state level. The state may also ask student for copy of:

1. Letter explaining case for approval
2. Driver's license, car registration, voter registration
3. Letter from employer, missionary agency, social workers, school officials, etc.
4. Copy of Virginia resident income taxes for parents, spouse, or student
5. Copy of federal taxes
6. Legal guardian documents
7. Ward of court documents
8. Custody documents
9. Copy of DD-214, LES, or Home of Record
10. Any other supporting documentation

#### FEDERAL STUDENT LOAN APPEAL PROCESS

Students who dispute how a federal student loan was processed or a decision regarding eligibility may contact the Federal Student Aid (FSA) Ombudsman. The FSA Ombudsman resolves disputes from a neutral, independent viewpoint. The Federal Student Aid (FSA) Ombudsman will informally conduct impartial fact-finding about student complaints. The Ombudsman will recommend solutions, but does not have the authority to reverse decisions. The Ombudsman will also work to bring about changes that will help prevent future problems for other student loan borrowers. This free service is provided by the United States Department of Education.

The Ombudsman will research the problem and determine whether the student has been treated fairly. If the student loan complaint is justified, the Ombudsman will work with the student and the office, agency, or company involved in the problem. On the student's behalf, the Ombudsman will contact other offices within the United States Department of Education, his or her private lender, his or her loan *guaranty agency*, and the *servicing agency* or firm collecting the loan.

If the student's complaint is not justified, the Ombudsman will take the time to explain how the United States Department of Education reached this conclusion. The Ombudsman may be contacted as follows:

U.S. Department of Education  
 FSA Ombudsman  
 830 First St., NE, Fourth Floor  
 Washington, DC 20202-5144  
 Phone: (877) 557-2575  
 Fax: (202) 275-0549

#### COMPLAINTS PROCESS:

##### OFFICE OF INSPECTOR GENERAL

Anyone suspecting fraud, waste or abuse involving U.S. Department of Education funds or programs should contact the Inspector General's Office by:

1. Submitting your online compliant information at: <http://www2.ed.gov/about/offices/list/oig/hotline.html>
2. Calling the OIG Hotline's toll free number 1-800-MIS-USED. Hotline Operators take calls during the hours of Monday and Wednesday 9:00 AM until 11:00 AM, Eastern Time; Tuesday and Thursday, 1:00 PM until 3:00 PM, Eastern Time except for holidays.
3. Downloading a hardcopy of the special complaint form, complete, and mail to:  
 Inspector General's Hotline

Office of Inspector General  
 U.S. Department of Education  
 400 Maryland Avenue, S.W.  
 Washington, D.C. 20202-1500

Your report may be made anonymously or in confidence. To report suspected fraud, waste or abuse involving other Inspector General agencies, access this webpage for a directory: <http://www.ignet.gov/igs/homepage1.html>.

#### ATHLETIC SCHOLARSHIP APPEAL

If a student-athlete wishes to appeal a scholarship decision and remain enrolled at Liberty, he or she has the right to a hearing by a body outside of athletics in accordance with NCAA Bylaw 15.3.2.4. Upon written notification of the intent to remove the scholarship, the student-athlete must request a hearing in writing to the Athletics Financial Aid Liaison within 14 calendar days of receiving the notification.

Liberty University  
 Financial Aid Office  
 Athletics Financial Aid Liaison – Appeal  
 1971 University Blvd.  
 Lynchburg, VA 24515

If a hearing is requested, the Athletics Financial Aid Liaison will organize a hearing at the earliest availability of the appellate committee. The committee shall consist of the following: Senior Vice President for Student Affairs, University Registrar, Faculty Athletics' Representative, Vice President for Financial Aid, and Assistant Director of Financial Aid – Student Services. If a committee member is unavailable to attend, a replacement will be selected by the Faculty Athletics Representative.

#### CONTINUING EDUCATION (CE) APPEAL

Employees who are not eligible to receive a portion of their CE benefits (due to simultaneous coursework crossing the enrollment beginning or ending dates of a sub-term or due to the desire to take additional coursework that exceeds the 18 credit hour maximum per academic year requirement) may appeal the denial of their eligibility. The employee must submit an explanation of mitigating circumstances and additional pertinent documentation. Additionally, to appeal the denial of CE benefits due to simultaneous enrollment, the employee must submit the CE Application Form with an explanation of mitigating circumstances and additional pertinent documentation to:

Liberty University  
 Office of Human Resources  
 1971 University Blvd.  
 Lynchburg, VA 24515

#### STATE CONSUMER COMPLAINT CONTACT INFORMATION

In accordance with requirements issued by the U.S. Department of Education, Liberty University is "providing its students or prospective students with contact information for filing complaints with its accreditor and with its state approval or licensing entity and any other relevant State official or agency that would appropriately handle a student's complaint." This information is now part of the standard Consumer Information and annual disclosure procedure of Liberty University. It is subject to revision. [34 CFR 668.43(a)(12)(iv)(b), p.66,954, vol. 75, no. 209, 10/29/10]

As required by regulations, the full URL is available here: [http://www.liberty.edu/media/1260/State\\_Complaint\\_Sites-Updated\\_05242013.pdf](http://www.liberty.edu/media/1260/State_Complaint_Sites-Updated_05242013.pdf)

## *Resident Student Affairs*

**Mark Hine, B.S., M.Div., D.Min.**

*Senior Vice President for Student Affairs*

**Robert Mullen, B.S., M.Div., J.D.**

*Dean of Students*

**Joshua Brown, B.S., M.Ed.**

*Director for Student Affairs Assessment*

**Todd R. Campo, B.S., M.A., M.A., Ph.D.**

*Vice President for Student Leadership*

**Melany Pearl, B.S., M.A.**

*Director for the Center for Multicultural Enrichment*

**Jamey Sublett, B.S.**

*Director for Student Housing*

**Lew Weider, B.S., M.A., Ed.D**

*Director for Christian/Community Service*

*Professor, Biblical Worldview*

**Theodore Whitney, B.S.**

*Director for Online Communities*

### **PURPOSE**

The purpose of the Office of the Senior Vice President for Student Affairs at Liberty University is to work with the administration, faculty, and staff, fostering an experience that promotes personal development and learning.

The Division contributes to the University's mission of preparing students for leadership and involvement in an increasingly diverse, technologically sophisticated and complex global society.

Student Affairs carries out this mission by:

- Responding to the needs of students as they grow, spiritually, academically, and socially
- Presenting leadership opportunities and offering leadership training
- Maintaining an atmosphere which provides fertile ground for spiritual growth
- Offering co-curricular programming which encourages students' academic growth
- Promoting and celebrating the rich cultural differences found at the University
- Assisting students in responsible decision-making

### **CODE OF CONDUCT**

The administration and faculty have committed Liberty to the highest standards of moral and ethical conduct. No one will become spiritual merely by observing rules; nonetheless, the spiritual student will desire to abide by the rules, regulations, and policies. Liberty holds as one of its foremost goals the development of men and women of strong Christian character. Firm moral conviction and dependable self-discipline are as important as academic competence.

The specific rules, regulations, and policies that govern student behavior are found in *The Liberty Way*, which is available online at <http://www.liberty.edu/libertyway> (login required).

The Academic Code of Honor is published in the Academic Information and Policies section of this Catalog.

### ***Office of the Dean of Students***

The Office of the Dean of Students is designed to provide holistic student development opportunities for the resident and commuter population. For additional information, visit the Office of the Dean of Students webpage at <http://www.liberty.edu/studentaffairs/deanofstudents>.

### ***Online Communities***

Online Communities provides online students with spiritual resources to encourage and strengthen. Online Communities also endeavors to engage online students in the events and services of the campus.

Various online resources are offered including streaming events (Convocation and Campus Church), live chat, blogs, Bible-reading challenge, student testimonies, prayer resources and more.

All of this is available through a community web page at <http://www.liberty.edu/communities>. Follow Online Communities on Twitter @LibertyUConnect for updates, announcements and encouragement.

### ***Office of Student Housing***

Liberty University requires all unmarried students under the age of 21 to live on campus. On-campus residents must be currently enrolled in a residential program and attending classes on campus.

All students must complete Financial Check-in prior to occupancy, and agree to the terms and policies as outlined in the On-Campus "Housing Agreement". Students who are age 25 or over (at any time during the semester) or are married are not allowed to live on campus. Rooms are assigned on a first-come, first-served basis. Detailed information is available online at <http://www.liberty.edu/studentaffairs/studenthousing>.

### **OFF-CAMPUS HOUSING**

The off campus living policy states that single students must be 21 years of age or older or be living with an immediate family member who is 21 years of age or older. No student who is 25 years or older may live in the residence hall. For specific information regarding the off-campus living policy, contact the Office of Commuter Affairs.

While the University has no housing facilities for married students, the Office of Commuter Affairs provides an online "Apartment Finder" that lists apartments, houses, rooms, etc., which are available for rent or sale in the Lynchburg area. This information can be found on the Office of Commuter Affairs website at <http://www.liberty.edu/apartmentfinder>. Rental fees generally range from \$500 to \$800 per month.

### ***Center for Multicultural Enrichment***

The purpose of the Center for Multicultural Enrichment is to unify the various cultural and ethnic populations on the campus by overcoming divisions. The Center serves as an advocate to minority students and seeks to celebrate cultural diversity by offering experiential learning opportunities to all students. For additional information, visit the Center4ME webpage at <http://www.liberty.edu/center4me>.



## ***Office of Student Leadership***

### **PURPOSE**

The purpose of the Office of Student Leadership is to train student leaders to minister, mentor and mobilize students in the residence halls. It collaborates with Student Affairs in the development of a holistic student life experience.

### **Resident Director**

Resident Directors (RD) oversee a group of residence halls including oversight of the student leadership teams on each floor as well as the resident hall facilities. Additionally, they are responsible to enforce the standards of *The Liberty Way* while promoting the overall well-being of the students residing in the halls.

### **Resident Assistant**

A Resident Assistant (RA) provides pastoral leadership to students in the resident hall in the form of discipline, discipleship and overall oversight.

### **Spiritual Life Coaches**

Spiritual Life Coaches (SLC) facilitate spiritual development on their residence hall through love, encouragement and counseling. SLCs work with Prayer and Life Group Leaders (PLGL) to minister, mentor and equip PLGLs for ministry.

### **Prayer and Life Group Leaders**

Every Liberty student on campus is part of a five-person prayer group led by the Prayer and Life Group Leader (PLGC). The PLGC prays for the students in their group daily by name and encourages the development of those students' personal and spiritual lives.

### **ADDITIONAL INFORMATION**

More information on the resources and services provided by the Office of Student Leadership is available at <http://www.liberty.edu/studentlife/index.cfm?PID=13203>.

## ***Student Government Association***

The purpose of the Student Government Association (SGA) is to involve the students in the administrative process, to promote well-being and a sense of responsibility among students, to hear student concerns, and to convey an understanding of the students' needs to the administration.

Membership in the Student Government Association shall be open to all resident and commuter students attending Liberty University who are not on any form of probation or suspension and who have professed their faith in Jesus Christ.

For additional information, visit the SGA webpage at <http://www.liberty.edu/sga>.

## ***Student Clubs and Organizations***

Student clubs or organizations must request and receive permission from the Liberty University administration before they may meet on campus, advertise, distribute or post materials, or use any University facilities for their activities or events. All such clubs or organizations and their activities or events must be consistent with the University's mission, and must be and remain in compliance with the Liberty Way, the Honor Code, and any policies or procedures promulgated by the University. The University reserves the right to refuse the use of its facilities for any reason to any student club, organization, activity or event.

Information and policies regarding student clubs as well as a list of approved clubs and organizations is available online at <http://www.liberty.edu/index.cfm?PID=19868>.

### **OFFICE LOCATIONS**

Departments within the Division of Student Affairs are located in Green Hall:

Senior Vice President for Student Affairs	GH 1661
Dean of Students	GH 1830
Campus Pastors Office	
Student Care Office	
Office of Student Conduct	
Commuter Services	
Office of Student Leadership	GH 1875
Center for Multicultural Enrichment	GH 1878
Office of Student Housing	GH 1886
Office of Online Communities	GH 1881a
Student Government Association	GH 1884

## Online Student Affairs

**Douglas F. Mann, B.A., M.A., Ph.D.**

*Dean of the Graduate School  
Associate Professor, History*

**Kevin D. Struble, B.S., M.A., Ed.S.**

*Chair of Graduate and Online Student Affairs & Center for  
Student Travel*

### PURPOSE

The purpose of the Office of Graduate and Online Student Affairs is to promote a positive Christian community both on campus and within the Liberty University Online community. In order to maintain this Christ centered environment, the Code of Honor is established and upheld through the office for student issues pertaining to academic and personal standards.

### BASIC REGULATIONS

The Administration and Faculty have committed Liberty to the highest standards of moral and ethical conduct. Liberty holds as one of its foremost goals the development of men and women of strong character. Firm moral conviction and dependable self-discipline are as important to the mission of the university as academic aptitude.

Students are expected to conduct themselves according to the rules of the University at all times. The specific rules, regulations, and policies that govern student behavior are outlined both in this catalog and in the Code of Honor, which is available on the Graduate Student Affairs website at <http://www.liberty.edu/thegraduateschool>.

Students enrolled in the Liberty University Graduate School and Liberty University Online are subject to the Liberty University Code of Honor as well as the Liberty Way (if living on campus). This information is published in the Academic Information and Policies – Online Program section of this *Catalog* and online at <http://www.liberty.edu/thegraduateschool>.

Students enrolled in the School of Law are subject to the Liberty University School of Law Academic Honor Code and Personal Code of Honor. This information is available on the School of Law website at <http://www.liberty.edu/law/>.

## *Liberty University Code of Honor for Graduate and Online Students*

### ACADEMIC AND PERSONAL CODE OF HONOR

Liberty University is comprised of a network of students, Alumni, faculty, staff and supporters that together form a Christian community based upon the truth of the Bible. This truth defines our foundational principles, from our Doctrinal Statement to the Code of Honor. These principles irrevocably align Liberty University's operational procedures with the long tradition of university culture, which remains distinctively Christian, designed to preserve and advance truth. Our desire is to create a safe, comfortable environment within our community of learning, and we extend our academic and spiritual resources to all of our students with the goal of fostering academic maturity, spiritual growth and character development.

Communities are predicated on shared values and goals. The Code of Honor, an expression of the values from which our Doctrinal Statement was born, defines the fundamental principles by which our community exists. At the core of this code lie two essential concepts: a belief in the significance of all individuals, and a reliance on the existence of objective truth.

While we acknowledge that some may disagree with various elements of the Code of Honor, we maintain the expectation that our students will commit to respect and uphold the Code while enrolled at Liberty University. Adherence to the principles and concepts established within facilitates the success of our students and strengthens the Liberty community.

The Code of Honor can be viewed in its entirety online at <http://www.liberty.edu/index.cfm?PID=19155>.

## *Spiritual Programs*

### ***Convocation and Campus Church***

Liberty University is interested and in meeting the physical, social, intellectual, and spiritual needs of the Liberty community. To meet these needs, Liberty provides opportunities for students to gather and serve as a community through convocations, campus church services and Christian/ Community Service.

#### **CONVOCATION**

Convocation is a thrice-weekly assembly of the University community for the purposes of building unity within the community, disseminating information, and providing forums for the socio-political issues of the day and other educational topics of diverse interest for the benefit of students, faculty and staff. Each year more than 80 guest speakers from the worlds of business, politics, education, the sciences and religion, talented faculty and staff members, music and timely messages from our Chancellor help make convocation a refreshing and challenging time. All students are required to attend all convocations.

#### **CAMPUS CHURCH SERVICES**

The Wednesday campus church services are designed to meet the spiritual needs of students. Complementing the instruction provided in the classroom is the spiritual exhortation provided in campus services, which is primarily concerned with the application of truth to life. Students are encouraged to attend Wednesday evening campus services.

### ***Center for Global Engagement***

**Tom Nylander, B.S., M.A.**

*Director, Center for Global Engagement*

The Center for Global Engagement exists to foster a global perspective within the Liberty University community that reflects God's love for all nations and produces involvement throughout the world. The CGE provides short-term cross-cultural opportunities for college students, hosts Global Focus Week each semester, and sponsors Global Retreats mentoring weekends for students interested in cross-cultural careers.

The Center for Global Engagement is actively engaged in assessing the cultural intelligence of the university community and adjusting its own programs to promote greater cultural intelligence within the institution. Contact by phone at 434-592-6500, email [cge@liberty.edu](mailto:cge@liberty.edu) or visit the website at <http://www.liberty.edu/academics/globalengagement> for more information.

#### **DEPARTMENT OF GLOBAL STUDIES**

**Melody Harper, B.S., M.S.W., M.A.**

*Chair, Department of Global Studies*

The Global Studies major and minor provide an academic foundation that equips students to live, work, and serve in a global context. Courses are designed to develop cultural intelligence skills that will enable students to excel as individuals, professionals, and followers of Christ as they engage a diverse world. For more information on the Global Studies major or minor go to <http://www.liberty.edu/academics/globalengagement>.

#### **GLOBAL TEAMS**

Global Teams offers students the opportunity to participate on a team of students serving in another part of the world for a couple of weeks at a time. Through this experience, students gain exposure to another culture and to what God is doing among that particular people. Students are able to take the educational experience they are gaining through their academics studies at Liberty University and apply them in practice amongst another cultural people group. The CGE sends students on upwards of twenty or more Global Teams per year, engaging upwards of three hundred students or more each year. Moreover, by registering for and completing the coursework for GLST 380, students can early collegiate credit in conjunction with their Global Team experience.

#### **GLOBAL INTERNSHIPS**

The Global Internship program serves as the primary bridge between the curricular Global Studies program, and the co-curricular Center for Global Engagement. Global Internships offer students the opportunity to fulfill internship requirements for most majors in an international context. Interns serve with international organizations involved in their field of study and give students an opportunity to live out their faith in a cross-cultural setting. Students learn language and culture, live in context, and complete.

# Campus Recreation

## **Lee Beaumont, B.S., M.S.**

*Senior Vice President for Auxiliary Services*

## **Kirk Handy, B.S.**

*Senior Director of Campus Recreation*

The Department of Campus Recreation provides a variety of options for resident and online students to interact socially through state of the art indoor and outdoor recreation facilities as well as programs and services that provide entertainment and physical fitness.

Campus Recreation helps to connect students to all that Liberty University has to offer beyond the classroom. By offering dozens of sporting options through the Intramural Sports and Club Sports departments, Campus Recreation gives every student an opportunity to participate in a competitive sport. In order to assist in the social atmosphere on campus, the Student Activities department plans weekly entertainment events. Several different fitness facilities are available for student use to stay physically fit, or they can relax with friends at one of the different lounge areas on campus. With all of these options, Campus Recreation offers something for everyone.

## **Student Activities**

### **Chris Misiano, B.S., M.A.R., M.R.E.**

*Senior Director of Campus Recreation*

The Student Activities Office is committed to the service of the students of Liberty University by providing a variety of culturally-relevant events and recreational activities throughout each semester, giving students a full calendar of social occasions to interact with one another and enhance their overall experience.

Student Activities provides an extensive variety of entertainment opportunities, both on and off-campus, usually free or at an exclusive Liberty University student discount price.

Options include everything from concerts featuring the biggest names in Christian music (Switchfoot, Toby Mac, David Crowder Band, Casting Crowns) to Open Mic Nights, movie nights, and outdoor recreation (whitewater rafting, skiing, horseback riding, hiking) Student Activities offers something for everyone. For detailed information call 434-592-3061 or access the Student Activities website at <http://www.liberty.edu/SA>.

## **Recreation Facilities**

Campus Recreation offers multiple opportunities for meeting the recreational, fitness, and wellness needs of the University family. These facilities include the LaHaye Student Union (which includes the LaHaye Recreation and Fitness Center, Tilley Student Center, and Thomas Indoor Soccer Center) as well as David's Place. More information is available online at <http://www.liberty.edu/lahayestudentunion> or by calling 434-592-3148.

### **LAHAYE RECREATION AND FITNESS CENTER**

The LaHaye Recreation and Fitness Center offers students a variety of co-curricular environments that provide vital social outlets for the development of a well-rounded collegiate experience. This includes five basketball courts, a fitness center, aquatic center, aerobic rooms, and more. Students can work out with the assistance of a personal trainer, take group exercise classes, use the work out equipment or climb the rock wall.

The Aquatic Center has a 25-yard, six-lane pool with a maximum depth of 12 feet for lap swimming and recreational

use. The aquatic facility includes two spas, and a one meter diving board. Aquatic equipment such as training fins, training paddles, flexible kickboards, jogger weight belts, hand bar exercisers, pull buoys, and water polo equipment is accessible for use.

### **TILLEY STUDENT CENTER**

The Tilley Student Center is a student recreational and lounge facility designed specifically for students. The facility features a coffee bar, game tables, couches, chairs and four flat screen televisions. There is also a billiard hall within the facility featuring pool tables and ping pong tables, as well as four flat screen television gaming stations. The facility includes a Starbucks, Sub Connection, Fresh Market, and Chick-fil-A.

### **THOMAS INDOOR SOCCER CENTER**

A part of the LaHaye Student Union, the Thomas Indoor Soccer Center was added in May, 2009 and is comprised of two turf fields partially surrounded by transparent walls and netting. The facility also features a spectator section, multiple televisions and wireless capability.

### **DAVID'S PLACE**

David's Place is dedicated to the memory of David A. DeMoss, a gentle and loving young man who died tragically in an automobile accident in January 1988. Formerly Campus East Clubhouse, David's Place is a recreational center that offers billiards, a theatre (featuring a Blu-ray player with a surround sound system), video gaming room (with Playstation 4), and a heated outdoor pool with patio heaters on the pool deck. The facility also features a Jamba Juice which is a great place for a healthy breakfast, quick lunch, or a delicious snack. Jamba Juice is also known for their great tasting fruit smoothies.

### **SCHILLING CENTER**

The Schilling Center was recently relocated and is now a part of the LaHaye Student Union. It includes two basketball courts and up to four volleyball courts for intramural sports, club sports, and general recreation.

### **EQUESTRIAN CENTER**

The Equestrian Center includes a newly constructed barn with eight 12'x12' rubber matted stalls with attached runs, grooming stalls, indoor wash rack with hot and cold water, outdoor wash rack, heated office/student lounge and tack room with washer and dryer, feed room, and men's and women's restrooms. More than thirty acres of small and large turnout pastures are available, as well as a small quarantine facility to accommodate incoming horses. The outdoor arena is a 160'x150' with sand mix footing. The arena includes a variety of tools to allow students to train and school in a variety of disciplines.

### **CAMP HYDAWAY**

The newly renovated Camp Hydayaw features a high and low ropes course, a zipline, new beach access for swimming, as well as, outdoor equipment rentals. Students will be able to check out items such as, canoes, kayaks, mountain bikes, ATV's, and fishing and camping gear.

The facility will have room for group meetings and events. The Student Activities department will host multiple Outdoor Recreational events throughout the school year.

**LAHAYE ICE CENTER**

This LaHaye Ice Center is the home of the Flames and Lady Flames hockey teams. During non-practice hours, students can enjoy ice skating, hockey and broomball. The LaHaye Ice Center also offers figure skating and Learn to Skate sessions. Additional information on programs and scheduling is available by calling 434-592-3953 or online at <http://www.lahayeicecenter.net/>.

**Outdoor Recreation****SAND VOLLEYBALL COMPLEX**

The Sand Volleyball Complex was completed in March 2012. Consisting of four courts, this facility is a premiere venue in the area. Lights provide the opportunity for evening play. The complex is the home for Liberty's men's and women's club sports teams and coed intramural sports leagues. It is also available for pick up play for the Liberty University community.

**EAST CAMPUS INTRAMURAL SPORTS AND ATHLETIC COMPLEX**

The Intramural Sports and Athletics Complex was completed in August 2011. Two fields are surfaced with an in-filled synthetic turf that is the home of men's and women's lacrosse teams. A third astro turf field is the home of the women's field hockey team. All three fields are used for intramural sports play that includes soccer, flag football and ultimate Frisbee. A fieldhouse with offices, team rooms and locker rooms is also located at the complex.

**LIBERTY MOUNTAIN INTRAMURAL SPORTS COMPLEX**

The newest recreational facility was completed on East Campus in fall 2012. It consists of four distinct areas. A 220,000 square foot, multi-purpose turf area is the home to flag football, softball and ultimate Frisbee. A natural grass, recreational softball field sits next to the turf area. Due to the enormous popularity of the sand volleyball courts built in spring semester 2012, four additional courts were added to make a total of eight courts at Liberty University.

Also part of the complex is a sand training area known as "The Patch," a large sand pit and training course similar to those used by Navy SEALs at the Naval Special Warfare Center in Coronado, CA. It allows individuals to utilize a "functional" training method, using body weight instead of free weights as resistance. The Patch offers not only functional strength training but also jump training, sand pit training, balance, stabilization training, and core training. The individual is able to develop many planes of training that is not possible in any other standardized workout method. For the student looking for a total body workout, the Patch is the perfect training facility.

**LIBERTY MOUNTAIN TRAIL SYSTEM**

The Liberty Mountain Trail System consists of over 65 miles of single and double track trails and logging roads that spans approximately 5,000 acres. The mountain rises to over 1,360 feet and offers something for all difficulty levels, from a leisurely stroll to the Liberty University Monogram, to cross country and gravity-fed trails for both hiking and mountain biking. A trail map and additional information is available online at <http://www.liberty.edu/campusrec/camphydaway/index.cfm?PID=28189>.

**LIBERTY MOUNTAIN SNOWFLEX® CENTRE**

**Drew Sherwood, B.S.**

*General Manager*

Liberty Mountain Snowflex® Centre, located off Candler's Mountain Road, consists of two main distinct ski runs. This includes a beginner slope, intermediate slope, advanced slope, terrain park, a 260-foot tubing run, and gravity park for air awareness training. The 550-foot terrain run has three jumps with a quarter pipe at the bottom, and a 550-foot ski slope with multiple rail features for all levels.

The ski lodge is an 8,000 square foot facility at the base of the ski runs. This building houses the ticket office, ski school, event scheduling, and rental area on the first floor with a seating and concession area on the second floor with a full view of the ski slope, amazing view of the campus and the Blue Ridge Mountains. The Snowflex Centre is a great venue for birthday parties, business meetings, classes, and events. It hosts multiple ski and snowboard summer camps along with fun activities all summer long. The Liberty Mountain Snowflex Centre is open all year round for Liberty University students and public access.

**SKATE PARK**

The Liberty Mountain Skate Park is located in the Candler's Mountain Shopping Center. The Skate Park is an indoor facility which allows students and the community to skate board, BMX, or inline skate all year round. The Park has various features for beginners through advanced, such as: three mini ramps, quarter pipe, hubba box, hand rails, foam pit, and a bowl.

**IVY LAKE**

Ivy Lake, located about 25 minutes from Liberty's campus in Forest, VA, spans 112 acres with a 6,000 square foot beach. It is available for a variety of activities for Liberty University students, faculty and staff. This is a great spot for fishing, canoeing, or just having a picnic with friends. Before going to Ivy Lake, students must complete a permission form and drop it off at the front desk of the LaHaye Student Union. Ivy Lake is the home of the Liberty Crew team.

**THE SPORTS RACQUET**

The Sports Racquet facility houses five indoor tennis courts, five hardwood racquetball courts, and a small fitness area. It is also the home of the Liberty University Racquetball Team. During non-member hours, students can enjoy playing indoor tennis, racquetball and wallyball. Private lessons are also available. This facility is located approximately seven miles from campus at 118 Davis Cup Drive in Lynchburg.

**PAINTBALL FIELDS**

Liberty University's Paintball Team now has a place on campus to prepare for competitions. The paintball complex consists of two fields with a retractable netting system made with a protective mesh. Students may watch the team behind the safety of the netting during practices. These fields are open for intramurals, special events, and recruitment events.

**DISC GOLF COURSE**

The Disc Golf Course is located on East Campus just past the intramural football fields. Disc golf is similar to traditional golf in that players tee off and attempt to reach a particular hole in the fewest number of strokes. Unlike normal golf, however, players throw discs, and the "holes" are actually elevated baskets made of metal. The 18-hole course includes tee pads for beginners and experts alike. Usage will vary from intramural sports leagues, to open recreational play among students.

**MOTOCROSS/ATV TRACK AND TRAIL SYSTEM**

Nestled in Liberty University’s Jack Mountain property, the mile-long wooded arena features numerous doubles, tabletops, loops, and off-camber turns. Encompassing the track is a trail system giving riders even more room to roam. New trails maintain the land’s natural elements while offering ATV riders of all skill levels a place to enhance their technique.

To complement the ATV trail system, the University has purchased several ATV’s for student use free of charge. To use the University-owned ATV’s, students must enroll and pass an ATV safety course. A safety range has been constructed to ensure that the maximum number of students can pass the class and enjoy the ATV Trail System.

**3-D ARCHERY RANGE**

Located on Liberty Mountain, is a 3-D Archery Range nestled in 10 acres for the Liberty Archery Club. The range consists of 20 life-like animal targets as well as several practice bag targets. In order to qualify as a potential state qualifier site, the range is setup to comply with Archery Shooters Association (ASA) standards. The Archery Club has access to shoot and hold tournaments on the 3-D Archery Range.

**HUNTING ON LIBERTY MOUNTAIN**

Students have the opportunity to bow hunt on Liberty’s Lone Jack Mountain property through membership in Camp Hydaway’s bow hunting program. In order to qualify you must provide proof of a Virginia resident hunting license, and pass a safety class/proficiency test. Students who meet these requirements will be permitted to bow hunt during the fall and spring seasons on Liberty’s Lone Jack Mountain.

**Club Sports**

A Club Sport is an organization recognized by Liberty University comprised of individuals who have an interest in competing in a particular sport. The club provides the opportunity for teams to compete against other colleges and universities with the same interests.

Our goal is to provide the availability to participate in a sport within the campus of Liberty University as well as develop values in leadership, fellowship and social skills.

Information on club sports offerings is available at <http://www.liberty.edu/campusrec/clubsports/>

**MEN’S CLUB SPORTS**

- |                  |                  |
|------------------|------------------|
| Archery          | Racquetball      |
| Beach Volleyball | Ski & Snowboard  |
| Crew             | Tae Kwon Do      |
| Disc Golf        | Triathlon        |
| Gymnastics       | Ultimate Frisbee |
| Ice Hockey       | Volleyball       |
| Lacrosse         | Wrestling        |
| Paintball        |                  |

**WOMEN’S CLUB SPORTS**

- |                  |                      |
|------------------|----------------------|
| Archery          | Ice Hockey           |
| Beach Volleyball | Racquetball          |
| Crew             | Ski & Snowboard      |
| Disc Golf        | Synchronized Skating |
| Equestrian       | Tae Kwon Do          |
| Figure Skating   | Triathlon            |
| Gymnastics       | Ultimate Frisbee     |

***Intramural Sports***

**Ed Barnhouse, B.S.**

*Director of Intramural Sports*

The University believes that sports, both inter-collegiate and intramural, have definite educational value, and that few other agencies offer so much that is potentially good for character building in American youth.

Intramural Sports are organized recreational sports leagues that allow students at Liberty to participate in a variety of team and individual sports. Competition exists, but the real focus of intramural sports is health and exercise, social interaction, stress reduction, sportsmanship, and teamwork.

During the fall and spring semester, a program of competitive intramural sports is sponsored that opens the way for wide participation on the part of both men and women. Information on intramural sports is available at <http://www.liberty.edu/ims>.

- |                          |                           |
|--------------------------|---------------------------|
| Men’s Ultimate Frisbee   | Table Tennis              |
| Women’s Ultimate Frisbee | Coed Volleyball           |
| Coed Ultimate Frisbee    | Men’s Basketball          |
| Open Paintball           | Women’s Basketball        |
| Men’s Broomball          | Men’s 4 v 4 Flag Football |
| Women’s Broomball        | Men’s 3-point Shootout    |
| Coed Broomball           | Women’s 3-point Shootout  |
| Men’s Flag Football      | Men’s Beach Volleyball    |
| Women’s Flag Football    | Women’s Beach Volleyball  |
| Fantasy Football         | Coed Beach Volleyball     |
| Men’s Outdoor Soccer     | Men’s Softball            |
| Women’s Outdoor Soccer   | Women’s Softball          |
| Men’s Indoor Soccer      | Men’s Dodgeball           |
| Women’s Indoor Soccer    | Women’s Dodgeball         |
| Billiards                | Coed Dodgeball            |
| Disc Golf                | Coed-Kickball             |
| Dunk Contest             |                           |
| Racquetball              |                           |

# Intercollegiate Athletics

## Administration

**Jeff Barber, B.S.**

*Director of Athletics*

**Mickey Guridy, B.S., M.B.A.**

*Senior Associate Athletics Director, Internal Operations*

**Erin McKeown, B.S., M.B.A.**

*Associate Athletics Director, Senior Woman Administrator  
Title IX Coordinator*

**Kristie Beitz, B.S., M.S., Ed.S.**

*Senior Associate Athletics Director for Academic Affairs*

**Bob Good, B.S., M.B.A.**

*Associate Athletics Director for Development  
Executive Director, Flames Club*

**Kevin Keys, B.S.**

*Director of Athletics Marketing*

**Bert Locklin, B.S., M.A.**

*Associate Athletics Director for Compliance*

**Mike Minyard, B.S.**

*Associate Athletics Director for Sales and Promotions*

**Todd Wetmore, B.S.**

*Associate Athletics Director for Communications*

**Anna Whitehurst, B.S.**

*Assistant Athletics Director, Ticket Operations*

## ATHLETIC PROGRAMS

Intercollegiate athletic programs are an integral part of American college life. At Liberty, athletics constitutes a vital segment of the area of physical education and an integral part of the total University program.

Liberty offers 20 NCAA Division I athletics programs, giving student-athletes the opportunity to compete at the highest level of intercollegiate athletics. The Flames have been a NCAA Division I program since 1988 and a dominant member of the Big South Conference since 1991, winning 11 Big South Sasser Cups (top team annually in the conference) and more than 120 conference titles since joining the league.

The men's and women's programs offer scholarship aid according to NCAA Division I standards. All interested students are encouraged to contact the head coach of the athletics program of interest. For more information, visit the official Flames website at <http://www.LibertyFlames.com>.

### MEN

Baseball	Soccer
Basketball	Tennis
Cross Country	Track and Field
Football	(Indoor and Outdoor)
Golf	

### WOMEN

Basketball	Swimming
Cross Country	Tennis
Field Hockey	Track and Field
Lacrosse	(Indoor and Outdoor)
Soccer	Volleyball
Softball	

## ACADEMIC AFFAIRS FOR ATHLETICS

The primary mission of Academic Affairs for Athletics at Liberty University is to provide continuous academic, athletic,

social, and spiritual development for each student athlete. Utilizing the expertise of our staff in collaboration with institutional programs at Liberty University, our student-athletes receive professional advising, career and academic skill development, tutoring, and mentoring services. Our program assists student-athletes in finding and maintaining a balance between the demands of athletics and academics while preparing them as socially responsible individuals for life after athletics.

## CHEERLEADING

**Jenny Sydnor, Head Coach**

### Mission and Philosophy

The mission of the Liberty University Cheerleading team is first and foremost to glorify the Lord Jesus in everything we do. We strive to maintain a positive image and be ambassadors for the University by upholding the values and expectations of the cheerleading program and the University. While on the Liberty University Cheerleading team, athletes are encouraged and guided spiritually, academically, socially, emotionally and physically. It is the goal of the program to help minister to the athletes and to help coach them not only in cheerleading, but in life, helping to shape them into confident and capable adults. Further, the purpose of the Liberty University Cheerleading team is to provide positive support for athletics teams, participate in various Liberty and community events, and participate in fundraising activities, as appropriate to support the program.

### Program Structure and Basic Information

Liberty University's cheerleading program is composed of two coed squads, the Red Squad and the White Squad. The Red Squad will consist of 16 to 20 members and will cheer at all home football games and most of the Men's basketball games. The Red Squad will also compete at UCA College Nationals. The White Squad will consist of 16 to 20 members and will cheer at all home football games and most of the women's basketball games. There may or may not be alternates for each squad. The Red Squad and most of the White Squad is chosen at the spring tryout. There will be a fall tryout to fill any additional places for the White Squad.

Cheerleaders practice on average three times per week for 2-3 hours each and have required weight room workouts two times per week. In addition to practices there are various community and University events the cheerleaders take part in.

For more information on the program or the application process, tryout procedures and scholarship aid, please visit us online at <http://www.LibertyFlames.com>.

## STUDENT FLAMES CLUB

Founded in 2006, the Student Flames Club (SFC) exists to promote school spirit, enhance the Game Day atmosphere at Liberty athletics events, and to give the student body an avenue to identify with the University's athletics programs. SFC Membership is \$25 for the entire school year. Membership benefits include an Exclusive Red SFC T-shirt and Drawstring Bag, discounts at the Liberty University Bookstore and local restaurants, and invitations to exclusive SFC events. The SFC also provides participating members priority premium tailgating for all football home games and ticketing for away games and postseason events. The SFC membership package is valued at \$50. For more information, visit the Athletics Marketing office on the Second floor of the Williams Stadium Tower, call 434-582-4450, email at [SFC@liberty.edu](mailto:SFC@liberty.edu), or visit the official Flames website at <http://www.LibertyFlames.com>.

## University Services

### **Liberty University Police Department**

**Col. Richard D. Hinkley, B.S.**

*Chief of Police*

Liberty University Police Department (LUPD), located in the southwest corner of the Green Hall, provides 24/7 patrol protection by police, emergency services and medical service personnel to the campus, parking lots, residence halls and other properties owned or controlled by the University. Liberty University Police Officers are duly sworn with full law enforcement powers and responsibilities, similar to the local police and sheriff's department. The officers are trained at Central Virginia Criminal Justice Academy and receive additional in-service and specialized training in first aid, firearms, defensive tactics, legal updates, human relations, sensitivity issues and criminal investigations.

University Police share concurrent jurisdiction with the Lynchburg Police Department for properties owned or controlled by the University and other properties agreed upon. University Police offer assistance to the city Police when requested according to an established mutual aid agreement. University Police Officers are responsible for a full range of public safety services, including all crime reports, investigations, medical emergencies, traffic accidents, enforcement of laws about underage drinking, controlled substances, firearms and other weapons and all other incidents requiring police assistance. In an effort to assist in combating crime, University Police share information on arrests and serious crimes with all surrounding police agencies.

LUPD can be contacted by phone at 434-592-7641 (non-emergencies) or 434-592-3911 (emergencies). Additional information is available online at <http://www.liberty.edu/lupd>.

#### **PUBLIC SAFETY SERVICES**

The LUPD provides several service-oriented functions to the University community consisting of more than 14,000 students, faculty, staff and visitors on campus during any given day. Officers are equipped with two-way radios as they patrol campus in marked and unmarked vehicles. University Police responsibilities range from responding to medical and fire emergencies, criminal investigations to providing an on-campus escort service during hours when the campus transit system is not running.

In conjunction with Student Affairs, the University Police help students engrave an identification number on personal property items kept on campus, such as bikes, computers, radios, and stereo systems. Operation Identification is a nationally recognized identification system which has shown to facilitate the recovery of stolen items.

The University Police, upon appointment, also provide Fingerprinting Services for Liberty University students, employees and their families for a small fee. Classes are also offered to students, free of charge, in firearms and range safety as well as RAD (Rape Aggression Defense – basic defense for women).

Extensive efforts are made to create a campus environment that fosters personal safety, property security, and learning for all members of the University community. All criminal actions or suspicious behavior should be reported immediately so University Police can take prompt action.

#### **EMERGENCY NOTIFICATION SYSTEM**

In conjunction with AtHoc, Liberty University has implemented the Campus Alerting System. This system allows all University constituents to receive notification when an emergency

situation occurs on campus. Messages can be transmitted to a cell phone, home phone, work phone or email address. Specific notification for emergency road closures, fires, school closings and severe weather are also features of this system.

Register your contact information online at <http://www.liberty.edu/lupd>.

#### **CAMPUS CRIME REPORT**

Liberty University abides by the Student Right-to-Know, the Campus Security Act of 1990 and the Higher Education Act Reauthorization of 2008. The University makes information concerning campus crime statistics available to the campus community online at <http://www.liberty.edu/lupd>. This information is also available to prospective Liberty University employees and students upon request.

#### **AUTOMOBILE REGISTRATION**

Any vehicle owned or operated on campus must have a current Liberty University Parking Decal properly displayed on that vehicle. Liberty University Parking Decals are **only** issued by the Liberty University Police Department.

The following documents are required to register a vehicle:

1. Valid Vehicle Registration, issued by a Department of Motor Vehicles.
2. Valid Driver's License of person registering the vehicle.
3. Complete a form online, print it, and bring it with you to the LUPD office. The link to the form is on the LUPD home page.

Visitors must obtain a parking pass to park on campus. Passes are available at the Hancock Welcome Center.

For additional information on Traffic and Parking Regulations see <http://www.liberty.edu/lupd>.

### **Liberty University Transit Services**

Liberty University Transit Services operates a comprehensive transportation system that is designed to make the campus and the surrounding community accessible to students, faculty, and staff, while reducing the dependency on single occupancy vehicles. This is accomplished through an efficient intra-campus transit system, a complete carpool program with park and ride and satellite parking programs, airport/train and bus station shuttle services, as well as partnerships with apartment communities to bring improved transportation service options to commuters.

#### **Intra Campus Service**

During the semester, service is available on weekdays from 4:30 AM–2:00 AM and weekends from 8:00 AM–2:00 AM. Intra Campus service is provided by five primary routes. Service frequency is every 20 minutes but can be as frequent as every five minutes depending on the time of day.

#### **Off Campus Services**

Service to various local apartments is available through two routes operating from 7:00 AM–9:00 PM Monday-Friday during school days. Students are also eligible to receive free bus passes good for use on the local public transit service provided through the Greater Lynchburg Transit Company (GLTC). Shuttle service to and from the Lynchburg Regional Airport, Kemper Street AMTRAK/Greyhound Station, and Roanoke Regional Airport is available through web reservation.

Intra campus and off campus services operating by Liberty University buses can be tracked in real-time with estimated



departures provided for every bus stop. The system can be accessed at <http://liberty.prod.ridesystems.net/>.

### Charter Services

A charter bus fleet of six mini buses, three mid-size 32-seat coaches, four full-size 52-seat motor coaches, and one 22-seat motorhome coach provides the University community with short to long range charter services. Buses and coaches are proudly branded with Liberty University marks and mid/full-size coaches feature onboard satellite TV and wireless Internet services. Power outlets are available on full-size coaches.

For more details regarding Liberty University Transit Services see <http://www.liberty.edu/transit>.

### Card Services

Located in Green Hall, Card Services is dedicated to connecting students to Liberty University via their Flames Pass ID card as well as assisting students in receiving financial refunds, per diems, and/or stipends via the Higher One card.

**Flames Pass:** The Flames Pass is your official Liberty University ID card and the key to many resources and privileges both on and off campus. It remains valid as long as you are actively enrolled. Students can receive a Flames Pass by visiting Card Services with a valid government issued photo ID or request one online via the Photo Upload Application.

**Higher One Card:** Liberty University uses the One Disburse service offered by Higher One, Inc. for the disbursement of student refunds, per diems, and stipends. Once a student is financially checked-in, the Higher One card\* is sent to their mailing address on file with Liberty University. Card Services can assist you with selecting a refund preference or receiving a Higher One Card.

For more information, contact Card Services at 434-582-7771 or visit <http://www.liberty.edu/cardservices>.

### Student Service Center

The Student Service Center houses the offices of **Financial Aid, Student Accounts**, and the **Registrar**. Our mission is to help our guests with any questions they may have and to guide as needed to the correct office for further assistance.

We will ensure that we understand your situation, research your situation, and provide accurate information in a timely manner.

The Student Service Center Lobby is open from 8:00 am - 5:00 pm Monday thru Friday. Our lobby is closed for Convocation on Monday and Friday from 10:00am - 11:15am and on Wednesday from 9:45am - 11:15am.

The Student Service Call Center is open 8:00am - 4:45pm on Monday - Friday and closed for Convocation on Wednesday from 9:45am - 11:15am.

If you have any questions regarding your academic account or student account, please visit the Student Service Center located at Green Hall in room 1569 or call our office at (434) 592-5100 or toll-free (888) 632-5551 for assistance. Additional resources and information are available online at <http://www.liberty.edu/studentsservicecenter>.

### Student Advocate Office

The Student Advocate Office (SAO) is a "one-stop" office for answers to all your questions.

It is normal for college students to have questions about financial aid, housing, account holds, balances, personal issues and roommate conflicts. We serve as a liaison for you to other departments to help you get your questions answered.

Our primary focus is to help each resident student from their first day at Liberty to graduation – whether through problem

solving, peer counseling, one-on-one appointments, financial aid guidance, scholarship assistance or just a helping hand and listening ear, we are here for you.

The Student Advocate Office is located in DeMoss Hall, Room 2247. For more information call 434-582-7200 or visit the website at <http://www.liberty.edu/sao>.

### International Student Center

**William Wegert, B.S., M.S., M.Div., D.Min.**

*Dean, International Student Programs*

The C. Daniel Kim International Student Center (ISC) opened its doors in the spring of 2004 to meet the needs of the growing body of international students at Liberty University. Since that time, the ISC staff has sponsored more than 50 year-round events to celebrate international students and their cultures.

The International Student Center is the primary location for information and activities for current international students. Foreign Student Advisors, the International Student Retention Specialist, the International Student Operations Coordinator and Office Manager and the International Student Operations Assistant and Health Insurance Representative are all housed in the International Student Center. More information regarding the ISC and additional information for international students is provided at [www.liberty.edu/international](http://www.liberty.edu/international).

### Liberty University Bookstore

Located at the entrance to Main Campus, the Liberty University Campus Bookstore is a two-story, 20,000 square foot, free standing brick facility that features a Barnes and Noble Café serving Starbucks® coffee and outdoor patio area. In addition to textbooks, the bookstore also sells leisure books, University apparel and more. For more information on the products and services available including hours of operation, access the webpage at <http://liberty.bncollege.com/>.

### Career Center

The Career Center provides professional resources in career planning and employment services to Liberty University men and women, equipping them with the ability to obtain a position that will utilize their God-given talents to impact the world for Christ.

Our purpose is to facilitate Christ-centered, positive partnerships and engagement opportunities among students, alumni, faculty, staff and employers locally, nationally and worldwide.

We assist all students, and alumni with:

- Planning and implementing career objectives focusing on their development and identity formation through assessments, cover letter and resume review, and interview critiques.
- Identifying internship and post-graduate employment opportunities meeting their post graduate career goals.

We assist employers in:

- Establishing and maintaining a relationship with Liberty University and its various departments, students and Alumni
- Meeting their staffing needs for internships and employment (both entry level and seasoned professionals) locally, nationally and worldwide.
- Organizing on-site, off-site and on-line introductions and informational sessions with the Liberty community.

## Information Technology Services

Matthew Zealand, B.S.

Chief Information Officer

Vice President of Analytics

### IT HELPDESK

The IT HelpDesk assists students with computer problems by phone, remote assistance, or walk-in service. HelpDesk hours and other resources such as the Liberty University Knowledge Base (Ask L.U.K.E.) are published online at <http://www.liberty.edu/helpdesk>. The HelpDesk is located at Green Hall, Room 1539; to contact by phone call 866-447-2869 or 434-592-7800.

### ON-CAMPUS WIRELESS INTERNET

Information Technology has implemented a 95% campus-wide wireless network. This network allows students to access the internet and other network resources while in range of one of our many wireless access points.

### COMPUTER LABS

Computer labs are available for students, faculty, and staff to use in various locations including the DeMoss Learning Center and the Jerry Falwell Library. Over 1500 computers, including Macs and Windows-based computers are open daily.

### ONLINE LEARNING PLATFORM

Liberty provides students with an online learning platform called Blackboard®. Blackboard serves a variety of purposes, allowing professors to make announcements, post assignments, and interact with students. Students will use Blackboard to submit coursework, complete online tests, and interact with their classmates.

### ADMINISTRATIVE SOFTWARE APPLICATION

Liberty uses a web application called Banner to house all Liberty user account information. Banner is accessible to all Liberty staff, faculty, alumni, and students and is used to manage accounts information such as financial aid, accounts receivable, finance, and, etc. Students access Banner (ASIST) from the main Liberty website and use ASIST to register for courses, complete financial check-in, view academic records, review applications, and update personal information.

### TECHNOLOGY EDUCATION CENTER

Liberty's Technology Education Center provides IT-related training to faculty and staff. Testing services are also offered to the University, students, and the general public for certification fields of expertise including Cisco®, Microsoft®, and Oracle®. For more information, visit <http://www.liberty.edu/TEC>; to contact by phone call 434-592-7820 or 434-592-4600.

### IT MARKETPLACE

The IT Marketplace is a one stop shop for recommended computers, software, and computer peripherals at educational pricing. The IT Marketplace place can be visited at <http://www.liberty.edu/ITMarketplace>.

### MOBILE APPLICATIONS

LUIT provides all Liberty users with three Liberty specific applications for mobile devices.

- **Bb Mobile Learn** is a free application that allows students and faculty to connect to their Blackboard courses. Currently Available for: Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.
- **MyLibertyU** is a free suite of applications that includes on-demand access to Liberty news, athletic updates,

scores and schedules, access to your courses through Blackboard Learn, a campus map with an interactive locator, access to Liberty images, videos, the course catalogue, and easy access to important phone numbers. Currently available for: Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.

- **LU Today** is a free application that houses access to numerous Liberty focused media and news channels including Liberty News, Liberty TV Channel, Liberty Journal, Victory FM Radio and others. Currently available for: Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.

Additional information, including how to download Liberty mobile applications, can be found at <http://www.liberty.edu/gomobile>.

### IPTV

IPTV allows students to watch 19 television channels anywhere on campus on their personal computer through Liberty's wireless internet connection. IPTV can be accessed at <http://www.IPTV.liberty.edu>.

### MYLU PORTAL

The MyLU portal is a customizable website that allows students to access a wide variety of Liberty information. It features widgets (small software programs) that display a specific piece of information such as Blackboard, Flames Cash, Liberty news, class schedule, Liberty announcements, financial aid information, and more. The portal can be located at <http://www.MyLU.liberty.edu>.

### NETWORK PRINTING

Multiple network print stations are provided for students at Main Campus and Green Hall. A printer account is provided to every student and print costs are charged to their student account.

### ONLINE WEB PRESENCE

Liberty provides an official webpage that can be used to access all Liberty information and major services such as Webmail, Banner (ASIST), Blackboard, Official Announcements, University Calendar, and Financial Aid. Liberty's official webpage can be viewed at <https://www.liberty.edu>.

## Office of Disability Academic Support (ODAS)

Mr. Denny McHaney, B.S., M.Ed.

Director, Office of Disability Academic Support

Associate Professor of Education

Under the umbrella of the Center for Academic Support and Advising Services (CASAS), the Office of Disability Academic Support was created to coordinate academic support services for Liberty University students who have documented disabilities.

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination on the basis of disability against students in institutions of higher education. Section 504 mandates "reasonable" accommodations to provide equal program access to all students with disabilities. Faculty must provide accommodations that meet the special needs of each student with a disability.

The University has an obligation to make reasonable accommodations in policies, practices or procedures when accommodations are needed to prevent discrimination on the basis of disability unless making the accommodations would

fundamentally alter the nature of the service, program or activity, or would result in undue financial and administrative burdens.

A student who requests accommodations is required to sign a request form each semester giving Disability Support Advisors permission to send written summaries of the individual's disability, as well as the requests for accommodations. Then each student is instructed to individually seek a private meeting with professors to discuss any accommodations that may be necessary. Professors only need to arrange for those accommodations which have been identified.

Students with documented disabilities may be eligible for some of the following services:

- Extended time for testing
- Testing in a quiet environment
- Note-taking help
- Priority pre-registration
- Interpreters
- Assistive technology lab
  - JAWS for Windows – screen reading software for the visually impaired
  - Kurzweil 3000 – scanning and reading software for students with reading disabilities
  - Dragon Naturally Speaking – speech recognition software which can turn speech into print
  - CCTV – magnification hardware for the visually impaired

### ***Deaf and Hard of Hearing Services***

**Nicole D. Thorn, B.A., M.A., M.A., C.I., C.T.**

*Coordinator, Deaf and Hard of Hearing Services*

*Assistant Professor American Sign Language and Interpreting*

Housed within the Office of Disability Academic Support (ODAS) in Green Hall, Deaf and Hard of Hearing Services provides accommodations for students who are d/Deaf or hard of hearing. These services may include the provision of qualified Sign Language interpreters for academic classes and related events, cultural mediation, note takers, academic advising, priority classroom seating, and priority pre-registration.

### ***Health Services***

Liberty University Health Services located in Green Hall near the LaHaye Student Union is a service of Centra Medical Group, providing quality medical care and assisting students and faculty in maintaining and optimizing their health. On-campus healthcare services are provided by Centra Health as a convenience for students and staff. Payment for services rendered is the patient's responsibility. Liberty does not charge a universal health fee and allows students to choose their own healthcare provider.

Office hours are Monday – Friday, 8:00 AM to 6:00 PM. To schedule an appointment, please call (434) 200-6370. Additional information is provided on the Health Services webpage at <http://www.liberty.edu/index.cfm?PID=451>.

### ***Liberty University Dining Services***

Liberty University Dining Services are offered at several locations throughout the campus. Reber-Thomas Dining Hall, the main campus dining facility, offers three dining sessions during the fall and spring semesters: breakfast, lunch, and dinner. Other on campus dining locations include Doc's Diner, Simply To Go, Tilley Food Court, Tinney Café, Bistro 71, Jamba Juice, Jazzman's Café, Dunkin Donuts, Subconnection, and the Hill City Bistro.

Students residing on campus may select from a variety of meal plans and meal plan points which are added to the Flames Pass. Commuter students purchase meal plans and points on a semester basis. Many student meal plans can also be utilized at more than thirty off campus dining locations.

To assist with special dietary needs, a registered dietician works alongside the culinary team to ensure compliance with health food standards, make dietary restriction accommodations, and to help facilitate general nutritional education with the students.

Additional information on meal plans, nutritional information, locations, hours of operation, and other services provided can be accessed at <http://www.libertydining.com>.

### ***Liberty University Postal Services***

The Liberty University Postal Service exists to serve all postal needs of the University's students, staff and faculty. Offering domestic and international shipping options at a reduced rate than the general post office, Liberty University Postal Services is the best choice for all shipping and receiving needs.

The Liberty University Post Office is located in Green Hall Room 1943 and maintains hours of operation from 8:30 a.m. to 5:00 p.m., Monday-Friday

For more information related to Liberty University Postal Services, please see <http://www.liberty.edu/postalservices>.

## University Services – Online Program

### Online Advising

**Carissa Kregenow, B.S., M.B.A.**

*Director of Academic Advising*

Each student has access to professional Academic Advisors who will assist the student with choosing and scheduling courses. Academic Advisors are available to answer any questions the student may have or to help solve unexpected problems. In addition, every course is managed by a faculty member who is available to answer course-related and academic questions.

New students will need to contact an Admissions Specialist who will guide students in course selection for the first semester and assist in all other preparations until the first day of class. On the first day of the first sub-term in which students are enrolled, all questions concerning academic issues should be directed to the Academic Advising Department. Students are encouraged to contact the Academic Advising Department for help with any school-related problems they may encounter during the academic year.

Online services include Webmail and ASIST (Automated Student Information Services Tool). Webmail serves as the primary means of communication between the University and the student. Students are each assigned a personal webmail account, which they are advised to check on a weekly basis.

Using ASIST, students may register and drop courses, access and update their personal information, view their account balances, make online payments, view individual test and final course grades, email professors, view and calculate GPA, and apply for financial aid.

### Informational Webinars

The Academic Advising Office provides informational webinars to new and current students via web conferencing. Topics include:

- New Student Orientation,
- Fundamentals of Blackboard®
- Institute of Military Resilience
- Introduction to the Online Library

For more information about webinar offerings, or to register for a webinar event, visit the webpage at <http://www.liberty.edu/online/index.cfm?PID=16740>.

### Office of Military Affairs

**Emily Foutz, B.S., M.A.**

*Director of Military Affairs*

The Office of Military Affairs is a knowledgeable resource for servicemembers and veterans, to help those who serve achieve their academic goals. The services provided include military and veteran benefit counseling to help each student through the process of requesting Tuition Assistance and GI Bill benefits, processing and follow-through with the government agencies, and assistance when military deployment, temporary duty, and permanent change of station orders presents a challenge to academic progress.

Military Affairs partners with the military and veteran organizations to offer a wide variety of military-friendly programs, including Servicemembers Opportunity Colleges (SOC) Network, GoArmyEd, College of the American Soldier, Navy College Program Distance Learning Partnership (NCPDLP), Air University – Associate to Baccalaureate (AU-ABC) Program, and the Department of Veterans Affairs Yellow Ribbon Program.

For more information, please visit the Military Student web page at <http://www.liberty.edu/militaryaffairs>.

### Liberty University Online Library Services

**Jeffrey M. Dull, B.S., M.S.L.S.**

*Liberty University Online Librarian*

The Liberty University Jerry Falwell Library functions are organized and serviced through a well-qualified faculty and staff. The library provides a broad range of services to help students and faculty use information resources and technology effectively. These services include classroom-based instruction, personalized research assistance, and software support.

The library provides many of its services and resources to students in the Liberty University Online programs. Online students can access virtually all database resources through a proxy login system. In addition, they have direct toll-free telephone and email access to a librarian specializing in online support. The library is committed to being the primary source for Liberty University Online students by offering timely personal contact and document delivery in order to meet their specific needs. This includes the delivery of books and journal articles as well as research and reference services. Fees are assessed for copying, mailing, and faxing.

Liberty University Online students can contact the library by email [research@liberty.edu](mailto:research@liberty.edu) or phone 434-582-2821.

### University Online Writing Center

**Shelah Simpson, B.S., M.A.R., M.A.**

*Director, Online Writing Center*

*Assistant Professor of English*

The Online Writing Center (OWC) was established as part of Liberty's efforts to improve student writing and thus offers writing-related services tailored to the University's online student population. Through the Online Writing Center web page (<http://www.liberty.edu/onlinewritingcenter>), online students can submit drafts of upcoming assignments to receive tutor feedback, schedule appointments to speak with a tutor, live, via web conferencing, e-mail quick questions to tutors, and offer suggestions for further online writing aids that the OWC should consider developing. Students may contact the OWC by emailing [onlinewriting@liberty.edu](mailto:onlinewriting@liberty.edu).

### Tutor.Com

Liberty University Online has partnered with Tutor.com, the leading live, online tutoring service in the United States. Tutor.com may be accessed by students who are part of our online student body via an Internet web browser or mobile application, with a network of more than 2,200 expert tutors available around-the-clock. Subjects include math, science, finance, accounting, economics, social studies, English, real-time research paper review, and citizenship test preparation.

Liberty University en Español students can also receive tutoring services in Spanish. Bilingual tutors will assist in math, science, English and social studies.

This partnership also enriches and enhances the current services provided by Liberty University's Virtual Career Center, coupling its vast resources with Tutor.com's real-time resume/cover letter writing and review in addition to live assistance from certified career specialists.

## ***Bruckner Learning Center***

Heather Schoffstall, B.S., M.S., Ed.D.

*Director, Bruckner Learning Center*

*Associate Professor of Education*

The Liberty University Bruckner Learning Center (BLC) has compiled resources to assist students with study skills and test preparation. These resources are available through the web page <http://www.liberty.edu/academics/general/bruckner/index.cfm?PID=111>. The BLC can also be contacted by phone at 434-582-2226.

## ***Disability Support***

The Liberty University Online Office of Disability Academic Support (LU ODAS) exists to coordinate support services for online students with a documented disability. Under Section 504 of the Rehabilitation Act of 1973, we seek to provide "reasonable" accommodations and create equal program access to all students. Our office works in conjunction with students and faculty to ensure that reasonable accommodations are made for students with documented disabilities. For more information, visit the ODAS web page <https://www.liberty.edu/index.cfm?PID=25507> (login required) or contact the Liberty University Online ODAS staff at [luodas@liberty.edu](mailto:luodas@liberty.edu).

## ***Intensives***

Intensive course schedules, enrollment procedures, tuition and fees, transportation and lodging information are accessible online at <http://www.luonline.com/index.cfm?pid=14244>.

## ***Career Center***

The Career Center strives to assist students in realizing their God-given potential through developing career and education decisions that are rooted in their faith and values. They provide services and resources to help students utilize their academic training in preparation for their professional development. Through the Virtual Career Center, residential and online students, as well as alumni, have access to career services without closing hours.

### **CAREER SERVICES**

Website: <http://www.liberty.edu/career>

Career Assessment Test – Focus 2 (Free to Students)

Local and Regional Industry Specific Career Fairs

Online Job Database – LUNETWORK for internships, fulltime and part-time opportunities all over the country.

Resume and Cover Letter Workshops and Critiques

Job Search and Research

Graduate School Preparation

Internships and Externships

Washington Semester Fellowship Internship

Virtual Career Center

Several programs are available to assist students in determining career goals and implementing appropriate educational plans. Through the Virtual Career Center, online job listings, career counseling, and a computerized career assessment, students are encouraged to explore various occupational fields, develop job-hunting skills, and research graduate education programs. Students are also encouraged to participate in externships and internships, which provide practical work experience and complement their formal education.

For more information on any of the stated topics, please visit the Career Center website at <http://www.liberty.edu/career>.

## **LUNETWORK – JOB DATABASE**

Liberty University's exclusive employer relationship database, LUNETWORK, is the on-line database that has thousands of employers looking for Liberty students, recent graduates, and alumni. Employers from all over the country (and world) are purposefully posting positions looking for Liberty talent. Postings include internships and full time positions for both new graduates and seasoned professionals. Students and alumni can post their resume and search the database for positions all over the world. Residential and Online Students and Alumni are eligible to utilize LUNETWORK for life.

## **INTERNSHIP PROGRAM**

All students are encouraged to complete an internship to assist with career planning and gain practical experience within their chosen field of study. Approximately sixty-percent of all interns receive a full-time job offer. Students may earn from one to six (in some cases nine) semester hours of credit. Many majors require at least three credits. All applicants for credit internships, which are listed in the University's Catalog, are processed through the Liberty University Career Center.

**Completed applications must be submitted to the Career Center by the appropriate deadline (NO EXCEPTIONS).**

The Career Center also provides a special internship opportunity through the Washington Semester Fellowship (WSF). This program allows students to live and work in Washington D.C. where they are placed in internships relevant to their career or academic interests. Students in the WSF earn six credits of internship while taking six online credits. Additional leadership and professional development training are also available to participants.

## **IMPORTANT INFORMATION REGARDING LICENSURE-BASED DEGREE PROGRAMS, INTERNSHIPS AND CLINICAL PLACEMENTS**

Students who are pursuing degrees leading to application for professional licensure or certification, and/or who will be participating in clinical placements, internships, or practica through their Liberty University program should be aware that a criminal background check, finger printing, or drug screening may be required by Liberty University and/or the host facility.

### ***Internships, Practica, and Clinical Placements***

In such situations, each student is responsible for obtaining and paying for the background check or other screening process and for delivering required documentation to the facility. Although the university will make reasonable efforts to place admitted students in field experiences and internship, it will be up to the host facility to determine whether a student will be allowed to work at that facility.

### ***Licensure-Based Degree Programs***

Students in licensure-based degree programs are responsible for understanding the requirements of the program by becoming thoroughly familiar with the Degree Completion Plan (DCP) and the academic school's web page that outlines degree requirements.

Students should further be aware that a criminal record may jeopardize licensure by the State certification body. Students seeking licensure are urged to contact the relevant licensing agency to determine the licensing requirements for the jurisdiction. Successful completion of a program of study at Liberty University does not guarantee licensure, certification, or employment in the relevant occupation.

## Online Student Advocate Office

Jason Byrd, B.S., M.B.A.

Director of Online Advocate Office

The Liberty University Online Student Advocate Office is committed to making the distance student's experience at Liberty University both positive and life changing. The office works directly with advisors as well as university support offices to help students overcome obstacles on the journey from enrollment through graduation. Online students have a unique email to access these services. The Liberty University Online Advocate team is available via email at [luostudentadvocate@liberty](mailto:luostudentadvocate@liberty) or online at: [www.liberty.edu/online/student-advocate-office](http://www.liberty.edu/online/student-advocate-office).

## Liberty University Bookstore

Students purchase all course materials from MBS Direct. Purchases can be made online by accessing the web page at <http://www.mbsdirect.net/liberty>. Students should purchase materials after registration but prior to the sub-term start date (course activation). Liberty does not guarantee that required course materials will be available after the sub-term start date.

Materials for practica and required intensives can be purchased from MBS Direct. Tuition does not cover the cost of course materials.

## Information Technology Services

Matthew Zealand, B.S.

Chief Information Officer

### IT HELPDESK

The IT HelpDesk assists students with computer problems by phone, remote assistance, or walk –in service. HelpDesk hours and other resources such as the Liberty University Knowledge Base (Ask L.U.K.E.) are published online at <http://www.liberty.edu/helpdesk>. The HelpDesk is located at Green Hall Room 1539; to contact by phone call 866-447-2869 or 434-592-7800.

### ONLINE LEARNING PLATFORM

Liberty provides students with an online learning platform called Blackboard®. Blackboard serves a variety of purposes, allowing professors to make announcements, post assignments, and interact with students. Students will use Blackboard to submit coursework, complete online tests, and interact with their classmates.

### ADMINISTRATIVE SOFTWARE APPLICATION

Liberty uses a web application called Banner to house all Liberty user account information. Banner is accessible to all Liberty staff, faculty, alumni, and students and is used to manage accounts information such as financial aid, accounts receivable, finance, and etc. Students access Banner (ASIST) from the main Liberty website and use ASIST to register for courses, complete financial check-in, view academic records, review applications, and update personal information.

### IT TESTING AND TRAINING

IT Testing and Training provides IT-related training to faculty and staff. Testing services are also offered to the University, students, and the general public for certification fields of expertise including Cisco®, Microsoft®, and Oracle®. For more information, visit <http://www.liberty.edu/training>; to contact by phone call 434-592-7820 or 434-592-4600.

### IT MARKETPLACE

The IT Marketplace is a one stop shop for recommended computers, software, and computer peripherals at educational

pricing. The IT Marketplace place can be visited at <http://www.liberty.edu/ITMarketplace>.

### MOBILE APPLICATIONS

LUIT provides all Liberty users with three Liberty specific applications for mobile devices.

- **Bb Mobile Learn** is a free application that allows students and faculty to connect to their Blackboard courses. **Currently Available for:** *Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.*
- **MyLibertyU** is a free suite of applications that includes on-demand access to Liberty news, athletic updates, scores and schedules, access to your courses through Blackboard Learn, a campus map with an interactive locator, access to Liberty images, videos, the course catalog, and easy access to important phone numbers. **Currently available for:** *Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.*
- **LU Today** is a free application that houses access to numerous Liberty focused media and news channels including Liberty News, Liberty TV Channel, Liberty Journal, Victory FM Radio and others. **Currently available for:** *Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.*

Additional information, including how to download Liberty mobile applications, is available online at: <http://www.liberty.edu/gomobile>.

### MYLU PORTAL

The MyLU portal is a customizable website that allows students to access a wide variety of Liberty information. It features widgets (small software programs) that display a specific piece of information such as Blackboard, Flames Cash, Liberty news, class schedule, Liberty announcements, financial aid information, and more. The portal is accessed at <https://www.liberty.edu/secure/?service=https%3A%2F%2Fmylu.liberty.edu%2Fc%2Fportal%2Flogin>.

### ONLINE WEB PRESENCE

Liberty provides an official webpage that can be used to access all Liberty information and major services such as Webmail, Banner (ASIST), Blackboard, Official Announcements, University Calendar, and Financial Aid. Liberty's official webpage can be viewed at <https://www.liberty.edu>.

## Liberty Online Communities

Liberty University Online Communities exists to engage our students and be a source of spiritual encouragement. Various online resources are offered including:

- Live church sermons
- Chat with other viewers
- View a schedule of events
- Submit a prayer request
- Find a church

More information is available at <http://www.liberty.edu/aboutliberty/index.cfm?PID=26187>.

## Convocation and Campus Church

As a dynamic institution vitally interested in the whole person, Liberty provides for physical, social, intellectual, and spiritual needs of the Liberty community. To meet these needs, Liberty provides opportunities for students to gather and serve as a community through convocations and campus church services. Liberty University Online students are encouraged to attend church services as well as convocation when completing on campus intensives.

# Jerry Falwell Library

## Library Administration

**Angela M. Rice, B.A., M.L.S.**

*Dean, Jerry Falwell Library*

**Rachel E. Schwedt, B.A., M.L.S.**

*Associate Dean, Research and Customer Services*

**Lowell Walters, B.S., M.S.L.S.**

*Associate Dean, Library Technologies and Collection Services*

**Gregory A. Smith, B.A., M.L.S.**

*Director, Finance and Assessment*

## Library Faculty

**Michael A. Cobb, A.A.S., B.A., M.L.S., M.A.**

*Electronic Resources Librarian*

**Kathryn Cox, B.A., M.S.L.S.**

*Research Assistance Librarian*

**Erin R. Crane, B.A., M.S.L.S.**

*Electronic Books Librarian*

**Jessica Daly, B.S., M.L.S.**

*Research Assistance Librarian*

**Kimberly J. Day, B.S., M.L.S.**

*Resource Sharing Librarian*

**Jeffrey M. Dull, B.S., M.S.L.S.**

*Liberty University Online Research Assistance Librarian*

**Thomas W. Fesmire, B.A., M.A., M.L.I.S.**

*Head, Cataloging and Metadata Services*

**Anne Foust, B.S., M.L.S.**

*Cataloging Librarian*

**Carl Merat, B.S., M.S.L.S.**

*Acquisitions Librarian*

**Randy L. Miller, B.S., M.S.**

*Graduate Research Assistance Coordinator*

**Shelley Oakley, B.S., M.L.I.S.**

*Curriculum Librarian*

**Rory Patterson, B.A., M.A., M.L.I.S.**

*Coordinator, Undergraduate and Online Research Assistance*

**Elisa Rollins, B.A., M.P.P., M.L.I.S.**

*Research Assistance Librarian*

**Abigail R. Sattler, B.S., M.S.**

*Archivist*

**Cynthia Schmidt, B.S., M.S.**

*Head, Communication and Customer Services*

**Timothy Siegel, B.S., M.A.**

*Systems Librarian*

**Lori Beth Snyder, B.A., M.S.L.S.**

*E-Resource Cataloging Librarian*

**Howard "Rusty" Tryon, B.A., M.L.S., M.Div.**

*Head, Collection Management*

**Robert Weaver, B.A., M.L.S.**

*Collection Management Librarian*

## PURPOSE

The Jerry Falwell Library is the focal point of academic life at Liberty. Strategically located in the center of campus, the library supports teaching, learning, and research by providing information, instruction resources, spaces, and related services for the Liberty University community.

A collection of approximately 65,000 highly used and recently published titles is available for browsing. The rest of the collection is housed in an automated storage and retrieval system allows the library to conserve space for student use. With over thirty group study rooms, seven learning commons, outside terraces, and a spacious atrium, the library has spaces to support the needs of all students. The library is open across a wide range of hours each week during the academic term.

## INSTRUCTIONAL RESOURCES

The Jerry Falwell library has state-of-the-art technology, including an active learning classroom where classes are offered in finding and using information. It also houses pixel tables, collaborative technologies for group study, a media wall and self-serve kiosks.

The computing resources within the library consist of 160 computers housed in a computer learning commons and stand-up stations throughout the facility. With the exception of machines reserved for library catalog searching, all library computers are pre-loaded with a variety of software titles available for student use, including Microsoft® Office, Adobe® Creative® Suite, Mathematica, and SPSS.

All library computers have a high-speed connection to the Internet. In addition, wireless network signal is available throughout the facility, allowing laptop computer users to access the full array of network resources.

## COLLECTIONS

The library is an integral part of the educational process, providing digital and traditional information resources to support the University curriculum and mission. The Jerry Falwell Library collects and organizes resources across a wide range of media, including books, periodicals, audio-visual resources in various formats, musical scores, curriculum, and archival materials. Its physical collections consist of approximately 368,000 volume equivalents and 638 current periodical subscriptions.

While the Jerry Falwell Library expects to collect print resources for the foreseeable future, it has shifted to a significant degree from physical ownership to electronic access – a model that serves both residential and distance students. Digital information resources provided by the library include over 250,000 electronic items and content from more than 69,000 unique full-text journals. The library provides access to more than 400 online research resources from companies such as Dow Jones, EBSCO, JSTOR, LexisNexis, OCLC, ProQuest, the American Psychological Association, Elsevier, Standard and Poor's, and Gale Cengage. A large majority of these print and electronic resources are now available by searching a single discovery tool, Summon. Resources can be accessed directly from this one source or users are able to make a request for materials to be purchased which are not currently owned by our library.

Students and faculty can request materials from libraries across the United States through the interlibrary loan service. Books and media borrowed from local and in-state libraries are often available in less than three days. Copies of periodical articles

are typically delivered in digital form, often within two days or less.

The Jerry Falwell Library bears responsibility for collecting and providing access to academic publications and historical records created by members of the Liberty University community through their online repository known as the Digital Commons. Physical resources related to the history of the institution are housed in the Archive department.

### **CURRICULUM LIBRARY**

The Curriculum Library, housed in the DeMoss building, supports the School of Education at Liberty University by providing access to a variety of instructional resources. Offerings include textbooks and teaching materials for pre-school through grade twelve as well as standardized tests. Educational games, manipulatives, and models enhance the collection.

An extensive selection of juvenile titles provides reinforcement for classes in Children's Literature and Adolescent Literature in addition to classes in curriculum development. Materials related to educational theory and research can be found on the shelves of the main collection of the Jerry Falwell Library.

### **SERVICES**

The Jerry Falwell Library functions are organized and serviced through a well-qualified faculty and staff. A broad range of services is provided to help students and faculty use information resources and technology effectively. These services include classroom-based instruction, topic-specific workshops, personalized research assistance, and software support. The Customer Service Center on the main floor of the library serves as a starting point for help with borrowing services, research questions, and basic computer assistance.

The Jerry Falwell Library provides many of its library services and resources to students in the Liberty University Online programs. Online students can access virtually all database resources through a proxy login system. In addition, online students have direct toll-free telephone and email access through the library's Online Call Center, which provides access to a librarian specializing in online support. A Customer Service Center, staffed with librarians and specially trained research support specialists, is available during all hours the library is open. The Jerry Falwell Library is committed to being the primary library for Liberty University Online students by offering timely personal contact and document delivery in order to meet their special needs. This includes the delivery of books and journal articles as well as research and reference services. Fees are assessed for copying, mailing, and faxing.

### **MEMBERSHIPS**

Academic libraries are undergoing significant changes as they adapt to the terms of a new information economy. Not only are information and technology resources in unprecedented demand, but they must be configured to support teaching, learning, and research regardless of the end user's location. In this context, the Jerry Falwell Library benefits from collaboration with other agencies and professionals through membership in the Christian Library Consortium, the Consortium of College and University Media Centers, Lyasis, VICULA (Virginia Independent College and University Library Association), VIVA (the Virtual Library of Virginia), the Center for Research Libraries, and other information services organizations.



## Programs of Study

Liberty University's educational philosophy is based on the integration of fundamental Christian beliefs and the liberal arts tradition. Its programs are designed to prepare students to assume leadership roles in society.

### Academic Programs

At the undergraduate level, Liberty University defines a degree program as a major. *Concentrations and cognates* within given majors are listed under the major. Liberty University defines a Concentration as a specific grouping of 18 or more credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program. A Cognate is defined as a specific grouping of 9 to 17 credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program.

The requirements for graduation for all undergraduate programs are listed in this Catalog and on Degree Completion Plans (DCP) which can be accessed at <http://www.liberty.edu/index.cfm?PID=2981>. Specific Course Requirements and Course Sequences for all residential majors may be found at <http://www.liberty.edu/casas>.

A course planning schedule is provided in order for students to plan their classes for upcoming semesters. The planning schedule presents every class offered and the terms where it is scheduled to be taught. This schedule is sorted alphabetically by class. You can find the course planning schedule by visiting the following site: <http://www.liberty.edu/academics/registrar/index.cfm?PID=23103>.

Undergraduate students declare a major when they are accepted to Liberty. They may process a change of major at any time following matriculation through the Center for Academic Support and Advising Services (CASAS). Exceptions are majors which require acceptance into the program, i.e., Athletic Training, Education, Individualized Studies, Interdisciplinary Studies, and Nursing majors.

Unless published in this Catalog, no other undergraduate degree programs or major and minor fields can be offered by Liberty and students must be aware that Liberty has no responsibility to offer any degree program, major, or minor unless such information is found in this publication. *At least 50% of the semester hours in the major for any program of study or minor must be earned at Liberty University with the exception of the A.A. in Interdisciplinary Studies.*

### Teacher Licensure

Liberty University offers teacher licensure programs which are approved by the State of Virginia Department of Education.

Those who enter the teacher licensure program must complete the academic major, be subject to the same general education requirements as all other students, and complete academic and practicum experiences related to professional teacher training.

Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at <http://www.liberty.edu/uguide>.

### Bachelor of Science (B.S.)

**Accounting**<sup>2</sup>

**Aeronautics**<sup>2</sup>

*Concentration: Aviation Maintenance Management<sup>2</sup>*

*Concentration: Commercial/Corporate*

*Concentration: Missions*

*Concentration: Unmanned Aerial Systems*

*Cognate: Military*

**Applied Internet Technologies**

**Applied Web Technologies**<sup>3</sup>

**Athletic Training**

**Biblical and Educational Studies**<sup>3</sup>

**Biochemistry and Molecular Biology**

**Biology**<sup>1</sup>

*Biology/Environmental Science<sup>1</sup>*

*General Biology<sup>1</sup>*

**Biomedical Sciences**

**Biopsychology**

**Business Administration**<sup>1,2</sup>

*Concentration: Finance<sup>2</sup>*

*Concentration: Financial Planning*

*Cognate: Communications<sup>2</sup>*

*Cognate: Economics<sup>2</sup>*

*Cognate: Entrepreneurship<sup>3</sup>*

*Cognate: General<sup>3</sup>*

*Cognate: Green and Sustainable Management<sup>3</sup>*

*Cognate: Healthcare Management<sup>3</sup>*

*Cognate: Human Resource Management*

*Cognate: International Business<sup>2</sup>*

*Cognate: Leadership*

*Cognate: Marketing<sup>2</sup>*

*Cognate: Project Management<sup>2</sup>*

*Cognate: Public Administration<sup>3</sup>*

**Business Management Information Systems**<sup>2</sup>

*Cognate: Accounting Information Systems<sup>2</sup>*

*Cognate: Application Development<sup>2</sup>*

*Cognate: Data Networking<sup>2</sup>*

*Cognate: Database<sup>2</sup>*

*Cognate: Gaming Technologies<sup>2</sup>*

*Cognate: Global Studies*

*Cognate: Information Assurance<sup>2</sup>*

*Cognate: Intelligence<sup>2</sup>*

*Cognate: Web Development<sup>2</sup>*

**Cell and Molecular Biology**

**Chemistry**

**Christian Leadership and Church Ministries**

*Cognate: Adventure Leadership and Outdoor Ministries*

*Cognate: Biblical Studies*

*Cognate: Global Studies*

*Cognate: Technical Studies*

*Cognate: Theology and Apologetics*

*Cognate: Women's Leadership*

*Cognate: Worship*

**Christian Leadership and Management**<sup>3</sup>

**Cinematic Arts**

**Coaching**

**Computer Engineering**

**Computer Science**<sup>1</sup>

**Criminal Justice**<sup>2</sup>

*Cognate: Business Administration and Management<sup>3</sup>*

*Cognate: Criminal Psychology<sup>3</sup>*

*Cognate: Forensics<sup>2</sup>*

*Cognate: Homeland Security<sup>2</sup>*

*Cognate: Public Administration<sup>2</sup>*

*Cognate: Strategic Intelligence Studies<sup>2</sup>*

*Cognate: Youth Corrections<sup>2</sup>*

**Digital Media**

*Concentration: Audio*

*Concentration: Performance*

*Concentration: Social Networking and Interactive Media*

*Concentration: Transmedia Writing*

*Concentration: Video*

**Early Childhood Education Interdisciplinary Studies** <sup>3</sup>

**Electrical Engineering**

**Elementary Education Integrated Studies**

*Cognate: English*

*Cognate: Math*

*Cognate: Science*

*Cognate: Social Science*

*Cognate: Spanish*

**Elementary Education Interdisciplinary Studies** <sup>3</sup>

**Environmental Biology**

**Exercise Science**

*Concentration: Fitness Specialist*

*Concentration: Pre-Professional*

**Family and Child Development**

**Family and Consumer Sciences** <sup>1</sup>

**Fashion and Interiors**

*Concentration: Fashion Design*

*Concentration: Fashion Merchandising*

*Concentration: Interior Design*

**Forensic Science**

**Global Studies**

**Government** <sup>2</sup>

*Concentration: Politics and Policy* <sup>2</sup>

*Concentration: Pre-Law* <sup>3</sup>

*Concentration: Western Legal Traditions*

*Cognate: Public Administration* <sup>3</sup>

**Health Promotion**

*Concentration: Certified Health Education Specialist (CHES)*

*Concentration: Clinical*

**History** <sup>2</sup>

**Human Services**

**Individualized Studies**

**Industrial and Systems Engineering**

**Informatics** <sup>2</sup>

*Cognate: Healthcare Informatics*

**Information Technology** <sup>2</sup>

*Cognate: Application and Database Development*

*Cognate: Data Networking and Security*

*Cognate: Gaming Design*

*Cognate: Web Development*

**Interdisciplinary Studies** <sup>3</sup>

**Journalism**

**Kinesiology**

*Concentration: Health and Physical Education* <sup>1</sup>

*Concentration: Health and Physical Education, Non-Licensure*

**Mathematics** <sup>1</sup>

*Cognate: Actuarial*

**Mechanical Engineering**

**Music: Instrumental**

**Music: Vocal**

**Music and Worship**

*Concentration: Cinematic Arts*

*Concentration: Pastoral Leadership*

*Concentration: Worship Technology*

*Concentration: Youth Ministry*

*Cognate: Biblical Studies*

*Cognate: Business*

*Cognate: Theatre Ministries*

*Cognate: Women's Ministries*

**Paralegal Studies** <sup>3</sup>

**Pastoral Leadership**

**Psychology** <sup>2</sup>

*Concentration: Counseling, Clinical or Research*

*Concentration: Counseling and Human Development*

*Cognate: Addictions and Recovery* <sup>3</sup>

*Cognate: Christian Counseling* <sup>3</sup>

*Cognate: Crisis Counseling* <sup>3</sup>

*Cognate: Life Coaching* <sup>3</sup>

*Cognate: Military Resilience* <sup>3</sup>

**Religion** <sup>3,4</sup>

*Cognate: Biblical and Theological Studies* <sup>4</sup>

*Cognate: Christian Counseling*

*Cognate: Christian Ministries*

*Cognate: Evangelism*

**Religious Studies**

*Concentration: Biblical Languages*

*Concentration: Global Studies*

*Concentration: Jewish Studies*

*Concentration: New Testament*

*Concentration: Old Testament*

*Concentration: Theology and Apologetics*

**Social Sciences** <sup>1</sup>

**Special Education Integrated Studies**

**Special Education Interdisciplinary Studies (Non-Licensure)** <sup>3</sup>

**Speech Communication**

*Concentration: Professional Communication*

*Concentration: Speech Communication*

**Sport Management**

**Strategic Communication**

*Cognate: Social Media Management*

*Cognate: Strategic Communication*

**Studio and Digital Arts** <sup>1</sup>

*Concentration: Graphic Design*

*Concentration: Studio Art* <sup>1</sup>

**Youth Ministries**

*Cognate: Adventure Leadership and Outdoor Ministries*

*Cognate: Biblical Studies*

*Cognate: Christian Leadership*

*Cognate: Cinematic Arts*

*Cognate: Coaching*

*Cognate: Global Studies*

*Cognate: Pastoral Leadership*

*Cognate: Sport Outreach*

*Cognate: Technical Studies*

*Cognate: Theology and Apologetics*

*Cognate: Women's Leadership*

*Cognate: Worship*

**Zoo and Wildlife Biology**

**Zoology**

**Bachelor of Arts (B.A.)**

**American Sign Language and Interpreting**

**Biblical Studies**

**English** <sup>1</sup>

**Government**

*Concentration: International Relations*

*Concentration: Politics and Policy*

*Concentration: Western Legal Traditions*

**History**

**Individualized Studies**

**International Relations**

*Concentration: International Politics and Policy*

*Concentration: Strategic Intelligence Studies*

**Music: Instrumental**

**Music: Vocal**

**Philosophy**

**Spanish** <sup>1</sup>

**Teaching English as a Second/Foreign Language** <sup>1</sup>

**Theatre Arts**<sup>1</sup>

*Concentration: Arts Administration*  
*Concentration: Dramaturgy*  
*Concentration: Performance*  
*Concentration: Production*

**Bachelor of Fine Arts (B.F.A.)**

**Studio and Digital Arts**

*Concentration: Graphic Design*  
*Concentration: Studio Art*

**Bachelor of Music (B.M.)**

**Artist Development**

**Choral Music**<sup>1</sup>

*Concentration: Music Education*

**Commercial Music**

*Concentration: Film Scoring (Film and Media)*  
*Concentration: Jazz Studies*

**Guitar Performance**

**Instrumental Music**<sup>1</sup>

*Concentration: Music Education*

**Leadership Communication**

**Music in World Cultures**

**Piano Performance**

**Songwriting**

**String Performance**

**Vocal Performance**

**Woodwind, Brass, or Percussion Performance**

**Worship Studies**

**Bachelor of Science in Nursing (B.S.N.)**

**Nursing**

**RN to BSN**<sup>3</sup>

**Associate of Arts (A.A.)**

**Accounting**<sup>2</sup>

**Airline Flight Attendant**

**Aviation Maintenance Technician**

**Business**<sup>2,4</sup>

**Business Management Information Systems**<sup>3</sup>

**Criminal Justice**<sup>2,4</sup>

**Early Childhood Education (Non-Licensure)**<sup>3</sup>

**Education (Non-Licensure)**<sup>3,4</sup>

**Government**

**Interdisciplinary Studies**<sup>3,4</sup>

**Paralegal Studies**<sup>3,4</sup>

**Psychology**<sup>3,4</sup>

*Cognate: Christian Counseling*

**Religion**<sup>3,4</sup>

**Associate of Applied Science (A.A.S.)**

**Medical Office Assistant**<sup>3</sup>

**Technical Studies**

**Minors**

**Accounting**<sup>2</sup>

**Adventure Leadership and Outdoor Ministry**

**Aeronautics**

**Airline Flight Attendant**

**American Sign Language**

**Autism**<sup>3</sup>

**Biblical Greek**

**Biblical Languages**

**Biblical Studies**<sup>2</sup>

**Biology**

**Biomedical Sciences**

**Business**<sup>2</sup>

**Business Management Information Systems**<sup>2</sup>

**Carpentry**

**Chemistry**<sup>1</sup>

**Chinese**

**Christian Counseling**<sup>3</sup>

**Church Ministries**<sup>3</sup>

**Cinematic Arts**

**Coaching**

**Computer Science**<sup>1</sup>

**Creation Studies**

**Criminal Justice**<sup>2</sup>

**Electrical**

**English**

**Evangelism**<sup>3</sup>

**Expositional Preaching**

**Family and Consumer Sciences – Clothing and Textiles**

**Family and Consumer Sciences – Family and Child Development**

**Family and Consumer Sciences – Foods and Nutrition**

**Family and Consumer Sciences – General**

**French**

**Global Studies**

**Government**

**Graphic Design**

**Health Promotion**

**Heating, Ventilation, Air Conditioning (HVAC)**

**History**<sup>2</sup>

**Homeland Security**<sup>3</sup>

**Information Security**<sup>2</sup>

**International Relations**

**International Studies**<sup>2</sup>

**Jewish Studies**

**Kinesiology**

**Linguistics**

**Masonry**

**Mathematics**

**Military History**<sup>2</sup>

**Military Leadership**

**Music – Brass, Woodwind, or Percussion**

**Music – Liberal Arts**

**Music – Performance: Voice, Keyboard, Guitar or Strings**

**New Testament**

**Old Testament**

**Pastoral Leadership**

**Philosophy**

**Photography**

**Plumbing**

**Politics and Policy**

**Psychology**<sup>2</sup>

**Public Administration**<sup>3</sup>

**Sociology**

**Spanish**

**Special Education**<sup>2</sup>

**Special Education (Non-Licensure)**

**Sport Management**

**Sport Outreach**

**STEM (Science, Technology, Engineering, Math)**<sup>2</sup>

**Strategic and Intelligence Studies**<sup>2</sup>

**Studio Art**<sup>1</sup>

**Theatre Arts**<sup>1</sup>

**Theology**

**Theology and Apologetics**

**Welding**

**Western Legal Traditions**

**Women's Ministries**

**Youth Ministries**

### Undergraduate Certificates

- Certificate in Accounting<sup>3</sup>
- Certificate in Application Development<sup>3</sup>
- Certificate in Aviation Maintenance Technician
- Certificate in Biblical Studies<sup>3, 4</sup>
- Certificate in Business Administration<sup>3</sup>
- Certificate in Christian Ministry<sup>3, 4</sup>
- Certificate in Criminal Justice<sup>3</sup>
- Certificate in Data Networking<sup>3</sup>
- Certificate in Database<sup>3</sup>
- Certificate in Global Studies<sup>3</sup>
- Certificate in Health Sciences<sup>3</sup>
- Certificate in Healthcare Management<sup>3</sup>
- Certificate in Information Assurance<sup>3</sup>
- Certificate in International Business<sup>3</sup>
- Certificate in Military Resilience<sup>3</sup>
- Certificate in Paralegal Studies<sup>3</sup>
- Certificate in Preschool<sup>3</sup>
- Certificate in Public Administration<sup>3</sup>
- Certificate in Web Development<sup>3</sup>

### Graduate of Theology Certificate (Th.G.)

- Biblical Studies<sup>3</sup>

<sup>1</sup> Option available for Teacher Licensure Endorsement

<sup>2</sup> Also available through Liberty University Online

<sup>3</sup> Available through Liberty University Online ONLY

<sup>4</sup> Available through Liberty University en Español

### Course Numbering and Identification

Each course is identified by a four-letter prefix and a three-digit number. The letters represent the academic area. The first digit will be 1, 2, 3, or 4 to indicate that the course is a freshman, sophomore, junior, or senior level course, respectively. Graduate course numbers begin with 5 and above.

#### COURSE NUMBERING

100	Freshman Level
200	Sophomore Level
300	Junior Level
400	Senior Level
500 and above	Graduate Level

#### COURSE PREFIXES

ACCT	Accounting
AIRS	Air Force ROTC
ALOM	Adventure Leadership and Outdoor Ministry
AMOA	Medical Office Assistant
APOL	Apologetics
ARTS	Studio and Digital Art
ASLI	American Sign Language
ATHL	Athletics
ATTR	Athletic Training
AVIA	Aviation
AVMN	Aviation Maintenance Technician (Certificate)
AVMT	Aviation Maintenance Technician
BCHM	Biochemistry
BIBL	Biblical Studies
BIOL	Biology
BMIS	Business Management Information Systems
BUSI	Business
BWVW	Biblical Worldview
CARP	Carpentry
CCOU	Christian Counseling
CESL	Conversational English
CGRM	Conversational German

CHEM	Chemistry
CHHI	Church History
CHIN	Chinese
CHMN	Church Ministries
CINE	Cinematic Arts
CJUS	Criminal Justice
CLED	Christian Leadership
CLST	College Learning Strategies
COMS	Communication Studies
CRFT	Craft Skills
CRIS	Crisis Counseling
CRST	Creation Studies
CSCI	Computer Science
CSMA	Conversational Chinese
CSPA	Conversational Spanish
CSTU	Cultural Studies
DIGI	Digital Media
DMCA	Digital Media and Creative Arts
ECON	Economics
EDSP	Special Education
EDUC	Education
ELIL	English Language Institute
ELIO	English Language Institute Online
ELTC	Electrical
ENGC	Computer Engineering
ENGE	Electrical Engineering
ENGI	Industrial and Systems Engineering
ENGL	English
ENGM	Mechanical Engineering
ENGR	General Engineering
ENGS	Software Engineering
ENVR	Environmental Science
ESLP	Eagle Scholars Program
ESOL	English as a Second Language
ETHM	Ethnomusicology
EVAN	Evangelism
EXSC	Exercise Science
FACS	Family and Consumer Sciences
FREN	French
FRSM	Freshman Seminar
GBST	General Biblical Studies
GEED	General Education
GEOG	Geography
GLST	Global Studies
GOVT	Government
GREK	Greek
GRMN	German
HBRW	Hebrew
HIEU	European History
HIST	History Research and Methods
HIUS	United States History
HIWD	World History
HLTH	Health
HONR	Honors
HSER	Human Services
HVAC	Heating, Ventilation, Air Conditioning
INDS	Interdisciplinary/Individualized Studies
INFT	Information Technology
JOUR	Journalism
KINE	Kinesiology
LIFC	Life Coaching
LING	Linguistics
MASN	Masonry
MATH	Mathematics
MENT	Mentoring
MILT	Military Resilience
MISC	Military Science – Army ROTC
MUSC	Music

NASC	Natural Science
NSSR	New Student Seminar
NURS	Nursing
PHIL	Philosophy
PHSC	Physical Science
PHYS	Physics
PLAW	Paralegal Studies
PLED	Pastoral Leadership
PLMB	Plumbing
PRTH	Practical Theology
PSYC	Psychology
RLGN	Religion
RLST	Religious Studies
SCOM	Speech Communication
SMGT	Sport Management
SOCI	Sociology
SOWK	Social Work
SPAN	Spanish
STCO	Strategic Communication
STEM	Science/Technology/Engineering/Math
TESL	Teaching English as a Second Language
THEA	Theatre Arts
THEO	Theology
UNIV	University
WELD	Welding
WMIN	Women's Ministries
WRSP	Worship Studies
YOUT	Youth Ministries

\* Not listed in this publication. See the Christian/Community Service Website at: <http://www.liberty.edu/christianservice>

## Liberty University en Español

Liberty University en Español offers Spanish-language versions of Liberty University Online programs. The curriculum is the same as existing Liberty University Online programs, and the course requirements do not vary. The only difference in these programs is that Spanish-language versions of some of the course materials are available, and students are permitted to turn in written materials in their native language. Further information is available at <http://www.liberty.edu/online/lue-inicio/>.

Completing a course or program in a language other than English may reduce employability where English is required.

## The University Honors Program

**James H. Nutter, B.A., M.A., M.Ed., D.A.**

*Director, Honors Program and Quiz Bowl Coach  
Professor of English*

If you participated in Gifted and Talented programs in high school or if you are academically talented and serious about your studies and seek to be appropriately challenged, you should consider the academic enrichment of our Honors Program along with its merit-based Honors scholarship (\$4,000).

Additional academic scholarships are available for National Merit Finalists (full tuition, room, and board), National Merit Semi-Finalists (full tuition), and National Merit Commended students (full tuition) who participate in the Honors Program.

The University Honors Program is designed to provide highly motivated students of above average ability the opportunity to achieve their highest intellectual and creative potential through a combination of homogenous honors seminars in general education course work and independent honors petitioned projects within the students' major fields of study. Honors students also complete a Senior Honors Thesis as their capstone project during their last semester of college.

Qualified students may apply for admission to Liberty University and the Honors Program simultaneously, although application to the Honors Program must be made directly to that office. If admitted to the program, students must begin taking honors courses in their first semester at Liberty.

Criteria for applying to the Honors Program include the following:

1. Score at least 1270 on SAT (critical reading and math scores only) or 29 on the ACT;
2. Submit official high school or college transcripts indicating a GPA of at least 3.50 on an unweighted 4.00 scale;
3. Write an expository essay of four and one-half to five typed pages on the topic, "What I Hope to Gain from an Honors Program Education at Liberty University";
4. Submit three letters of recommendation from present or former teachers;
5. Complete the Honors Program Application.

Transfer or Liberty University students must have a cumulative GPA of 3.50 and have no more than 60 credits earned; their recommendation letters must come from professors.

The selection process is competitive, and Honors applications are reviewed on the first day of each month beginning February 1st. Applications will not be considered unless they are postmarked by April 1st. For more information or to receive an Honors application, contact the Honors Program Office by phone at 434-592-3304 or email the Director at [jhnutter@liberty.edu](mailto:jhnutter@liberty.edu). Visit the website at <https://www.liberty.edu/academics/honors> for additional information.

## Center for Student Travel

**Kevin D. Struble, B.S., M.A., Ed.S.**

*Chair of Graduate and Online Student Affairs & Center for Student Travel*

The mission of the Center for Student Travel is to provide Liberty University students with a unique opportunity to transform their national and global outlook and grow in their faith while reaching their academic goals. It will also be an opportunity for the student to develop character, learn more about themselves and form lasting relationships. The office provides students with travel opportunities through study abroad, faculty-led study tours, and domestic field trips for academic credit or professional experience.

In an increasingly global economy, it is imperative that students have access to national and international experiences that will help them to lead in the 21st century. The Center for Student Travel offers students a chance to serve, study, and even live in various settings that can broaden their intellectual horizons and expose them to other cultures in a way that is not always possible on campus. For this reason, student travel experiences in a national or cross-cultural environment are part of Liberty University's aim to contribute to a knowledge and understanding of others cultures and world events.

The Center for Student Travel, located in Green Hall 1837, assists students in selecting a program that best fits their educational needs. Semester, summer-long, and short-term programs both nationally and abroad are available through collaborations with strategic program partners and future Center for Student Travel programs.

For more information, contact the Center for Student Travel by email at [studenttravel@liberty.edu](mailto:studenttravel@liberty.edu), by phone at 434-592-4005, or visit the website at <http://www.liberty.edu/studenttravel>.

## *Liberty University Online Programs of Study*

### **Programs of Study**

Following is a complete listing of the majors and minors offered at Liberty. *Concentrations and cognates* within given majors are listed under the major. Liberty University defines a Concentration as a specific grouping of 18 or more credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program. A Cognate is defined as a specific grouping of 9 to 17 credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program.

Unless published in this Catalog, no other undergraduate degree programs or major and minor fields can be offered by Liberty and students must be aware that Liberty has no responsibility to offer any degree program, major, or minor unless such information is found in this publication. **At least 50% of the semester hours in the major for any program of study or minor must be earned at Liberty University with the exception of the A.A. in Interdisciplinary Studies.**

The requirements for graduation for all undergraduate programs are listed in this Catalog and on Degree Completion Plans (DCP) or Certificate Completion Plans (CCP) which are available on the web at <http://www.liberty.edu/index.cfm?PID=2981>.

A course planning schedule is provided in order for students to plan their classes for upcoming semesters. The planning schedule presents every class offered and the terms where it is scheduled to be taught. This schedule is sorted alphabetically by class. You can find the course planning schedule by visiting the following site:

<http://www.liberty.edu/academics/registrar/index.cfm?PID=23103>

### **Bachelor of Science (B.S.)**

#### **MAJORS:**

##### **Accounting**

##### **Aeronautics**

*Concentration: Aviation Maintenance Management*

##### **Applied Web Technologies (Fall 2014)**

##### **Biblical and Educational Studies**

##### **Business Administration**

*Concentration: Finance*

*Concentration: Financial Planning*

*Cognate: Communications*

*Cognate: Economics*

*Cognate: Entrepreneurship*

*Cognate: General*

*Cognate: Green and Sustainable Management*

*Cognate: Healthcare Management*

*Cognate: Human Resource Management*

*Cognate: International Business*

*Cognate: Leadership*

*Cognate: Marketing*

*Cognate: Project Management*

*Cognate: Public Administration*

##### **Business Management Information Systems**

*Cognate: Accounting Information Systems*

*Cognate: Application Development*

*Cognate: Data Networking*

*Cognate: Database*

*Cognate: Gaming Technologies*

*Cognate: Information Assurance*

*Cognate: Intelligence*

*Cognate: Web Development*

##### **Christian Leadership and Management**

##### **Criminal Justice**

*Cognate: Business Administration and Management*

*Cognate: Criminal Psychology*

*Cognate: Forensics*

*Cognate: Homeland Security*

*Cognate: Public Administration*

*Cognate: Strategic Intelligence Studies*

*Cognate: Youth Corrections*

##### **Early Childhood Education Interdisciplinary Studies**

*(non-licensure)*

##### **Elementary Education Interdisciplinary Studies**

*(non-licensure)*

##### **Government**

*Concentration: Politics and Policy*

*Concentration: Pre-Law*

*Cognate: Public Administration*

##### **History**

##### **Informatics**

*Cognate: Healthcare Informatics*

##### **Information Technology**

*Cognate: Application and Database Development*

*Cognate: Data Networking and Security*

*Cognate: Gaming Design*

*Cognate: Web Development*

##### **Interdisciplinary Studies**

##### **Paralegal Studies**

##### **Psychology**

*Cognate: Addictions and Recovery*

*Cognate: Christian Counseling*

*Cognate: Crisis Counseling*

*Cognate: Life Coaching*

*Cognate: Military Resilience*

##### **Religion <sup>1</sup>**

*Cognate: Biblical & Theological Studies*

*Cognate: Christian Counseling*

*Cognate: Christian Ministries*

*Cognate: Evangelism*

##### **Special Education Interdisciplinary Studies**

*(non-licensure)*

### **Bachelor of Science in Nursing (B.S.N.)**

#### **RN to BSN**

### **Associate of Arts (A.A.)**

##### **Accounting**

##### **Business <sup>1</sup>**

##### **Business Management Information Systems**

##### **Criminal Justice <sup>1</sup>**

##### **Early Childhood Education (non-licensure)**

##### **Education (non-licensure) <sup>1</sup>**

##### **Interdisciplinary Studies <sup>1</sup>**

##### **Paralegal Studies <sup>1</sup>**

##### **Psychology <sup>1</sup>**

*Cognate: Christian Counseling <sup>1</sup>*

##### **Religion <sup>1</sup>**

### **Associate of Applied Science (A.A.S.)**

#### **Medical Office Assistant**

**Minors**

Accounting  
 Autism  
 Biblical Studies  
 Business  
 Business Management Information Systems  
 Christian Counseling  
 Church Ministries  
 Criminal Justice  
 Evangelism  
 History  
 Homeland Security  
 Information Security  
 International Studies  
 Military History  
 Psychology  
 Public Administration  
 STEM (Science, Technology, Engineering, Math)  
 Special Education  
 Sport Outreach  
 Strategic Intelligence Studies

**Undergraduate Certificates**

Certificate in Accounting  
 Certificate in Application Development  
 Certificate in Biblical Studies <sup>1</sup>  
 Certificate in Business <sup>1</sup>  
 Certificate in Business Administration  
 Certificate in Christian Ministry<sup>1,2</sup>  
 Certificate in Criminal Justice  
 Certificate in Data Networking  
 Certificate in Database  
 Certificate in Global Studies  
 Certificate in Health Sciences  
 Certificate in Healthcare Management  
 Certificate in Information Assurance  
 Certificate in International Business  
 Certificate in Military Resilience  
 Certificate in Paralegal Studies  
 Certificate in Preschool  
 Certificate in Public Administration  
 Certificate in Web Development

**Graduate of Theology Certificate (Th.G.)**

Biblical Studies

<sup>1</sup> Available through Liberty University en Español  
<sup>2</sup> 100% en Español

**ADDITIONAL INFORMATION**

Additional information regarding specific degree programs can be found at <http://www.liberty.edu/online>.

**Liberty University en Español**

Liberty University en Español offers Spanish-language versions of Liberty University Online programs. The curriculum is the same as existing Liberty University Online programs, and the course requirements do not vary. The only difference in these programs is that Spanish-language versions of some of the course materials are available, and students are permitted to turn in written materials in their native language. Further information is available at <http://www.liberty.edu/online/lue-inicio/>.

Completing a course or program in a language other than English may reduce employability where English is required.

**Center for Professional and Continuing Education**

The Liberty University Center for Professional and Continuing Education (CPCE) offers, through its residential and online programs, professional development and personal enrichment courses to meet community and individual needs. The Professional and Continuing Education component consists of instructional services, consultation, technical assistance, and community education interests. *These opportunities are available in various residential and online venues: conferences, workshops, classes, etc.* The principal unit awarded for participation in these non-degree credit activities is the certificate of the Continuing Education Unit (CEU).

# Center for Academic Support & Advising Services

## Administration

**Brian C. Yates, B.S., M.Ed., Ed.D.**

*Dean, Center for Academic Support & Advising Services  
Associate Professor of Education*

**Dwayne K. Melton, B.S., M.B.A.**

*Executive Director for Administration  
Assistant Professor of Education*

**Heather J. Schoffstall, B.S., M.S., Ed.D.**

*Executive Director for Academics  
Associate Professor of the Bruckner Learning Center*

**Sylvia Hart Frejd, B.A., M.A., D.Min.**

*Executive Director, Center for Digital Wellness*

**Alisha P. Castañeda, B.A.S., M.A.**

*Director, Foreign Language Lab, Online Foreign Language Lab,  
and Spanish Writing Center*

**Richard Glass, B.B.A.**

*Director, Career Center*

**David Hart, B.S., M.A.R.**

*Director of Advising  
Assistant Professor of the Bruckner Learning Center*

**Lance McClure, B.S., M.A.R.**

*Director, Technical Studies  
Assistant Professor of Technical Studies*

**William Denton McHaney, B.S., M.Ed.**

*Director, Office of Disability Academic Support  
Associate Professor of Education*

**Kristen Libka, B.A., M.A.**

*Director, Undergraduate Writing Center*

**Barbara Sherman, A.A., B.A., M.Ed., M.A.**

*Director, Individualized Programs of Study  
Associate Professor of Education*

**George Sherman, B.S., M.A.**

*Director, Center for Professional and Continuing Education*

**Shelah Simpson, B.S., M.A.R., M.A.**

*Director, Online Writing Center*

*Associate Professor of English*

**Tess Stockslager, B.A., M.A.**

*Director, Center for Writing and Languages*

*Director, Graduate Writing Center*

*Assistant Professor of English*

**S. Denise Green, B.S., M.A.**

*Assistant Director of the Bruckner Learning Center for Academics  
Assistant Professor of the Bruckner Learning Center*

**James D. Wagner, Sr., B.A., M.A.**

*Assistant Director of the Bruckner Learning Center for Testing  
and Tutoring*

*Director, Academic Opportunity Program*

*Assistant Professor of Education*

**S. Brianna Morrison, B.S., M.A.**

*Assistant Director of Advising*

**David D. Bellows, B.S., M.A.R.**

*Coordinator of Academic Success*

**Frank DiGregorio, B.S., M.A.R.**

*Coordinator, Eagle Scholars Program*

**Clint Melton, B.S., M.B.A.**

*Coordinator of Special Projects and New Student Seminar  
Adjunct Instructor of CASAS and College of General Studies*

**Kathy Spradlin, B.S., M.S., Ed.D.**

*Coordinator, Math Emporium*

*Coordinator, Developmental Mathematics*

*Associate Professor of Developmental Mathematics*

**Jackie Owen, A.A.**

*Coordinator, Deaf and Hard of Hearing Services*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaID=22> where faculty can be searched for by Department.

### PURPOSE

The purpose of the Center for Academic Support and Advising Services (CASAS) is to maximize student success, enhance the university experience, and help students discover and achieve the plan God has for them. To accomplish this, the faculty and staff manage academic testing and advising, Integrative Studies requirements, New Student Seminar (NSSR 101), the Bruckner Learning Center, Disability Academic Support, Eagle Scholars Program, the Center for Writing and Languages, the Career Center, the Individualized Programs of Study and Technical Studies majors as well as Continuing Education courses.

### NEW STUDENT SEMINAR

*Coordinator: Clint Melton*

Prior to beginning the first year at Liberty University, all first-time college students enrolled in on campus programs are required to complete New Student Seminar, NSSR 101. This course is designed to give an orientation and overview of policies that govern life at Liberty.

The New Student Seminar is designed to introduce an environment for success while also providing structure and support as new students navigate the academic, spiritual, social and physical campus that is Liberty University.

### ACADEMIC ADVISING

*Director: David Hart*

Freshmen and Sophomores will receive personalized advising through their assigned Professional Advisor, based on the student's academic area of study. Professional Advisors will provide student support for questions concerning academic issues. Juniors and Seniors will meet with faculty, as needed, in the Academic Department that corresponds with their major. Both Professional Advisors and Faculty will assist students with reaching their spiritual, academic, and personal goals.

### Programs of Study

*Director: Barbara Sherman*

Bachelor degrees offered through the Center for Academic Support and Advising Services include Individualized Studies (B.A./B.S.) and Interdisciplinary Studies (B.S.). The Science, Technology, Engineering, and Math (STEM) cognate has some unique requirements listed below. Additional information is available online at <http://www.liberty.edu/individualstudy>.

### Individualized Studies Major (B.A. or B.S.)

#### PURPOSE

The Bachelor of Individualized Studies major is designed to provide an option for the exceptionally talented student who wishes to pursue a particular area of study not available through the structured major and minor programs.



**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate acquisition of core competencies in two content areas;
2. Assess the moral dimensions and ethical implications in two disciplines;
3. Demonstrate the integration of knowledge; and
4. Evidence the synthesis of academic knowledge and Christian values.

**DEGREE REQUIREMENTS**

1. Minimum cumulative GPA of 3.00 is required to apply and for degree completion;
2. Fulfill institutional General Education: Core Competency requirements;
3. Complete INDS 400;
4. Complete two cognates of at least 21 hours. One cognate must be composed of courses from a single major area, while the second may combine related courses from different departments;
5. STEM cognates – One cognate consists of 15 hours in core industrial processes and an internship. The second cognate of choice consists of 27 hours.
6. B.A. – Complete 0-5 hours of electives and 12 hours of language;
7. B.A. (STEM cognate) – Complete 0-4 hours of electives, 12 hours of language;
8. B.S. – Complete 10-17 hours of electives;
9. B.S. (STEM cognate) – Complete 9-16 hours of electives;
10. Complete at least 30 hours at the 300-400 level;
11. Complete 50 percent of the major at Liberty;
12. Complete 60 hours following admission to the program or prior to commencing the Junior year; and
13. Broken enrollment would necessitate renegotiation of the proposal.

**PROGRAM SPECIFIC ADMISSION REQUIREMENTS**

To gain admission to the Individualized Studies Program, the student must complete the application process and meet with the Director, Individualized Programs of Study as early as possible in the undergraduate program and complete 60 hours following admission to the program or **prior to commencing the Junior year**.

Proposed cognates must be approved by the respective departmental chairmen. Final approval for admission to the program is granted by the Director, Individualized Programs of Study.

The Individualized Studies Proposal and DCP are used to determine compliance for degree requirements, and may not be changed without the approval of the Director, Individualized Programs of Study and the respective Department Chairmen.

**Interdisciplinary Studies Major (B.S.)**

**PURPOSE**

The Bachelor of Science in Interdisciplinary Studies major is designed to offer a degree that enables the student to use both inter-college and interdepartmental combinations of courses that will provide a broad pattern of educational experience.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate acquisition of core competencies in at least two, but not more than three, content areas;

2. Assess the moral dimensions and ethical implications in at least two disciplines;
3. Demonstrate the integration of knowledge; and
4. Evidence the synthesis of academic knowledge and Christian values.

**DEGREE REQUIREMENTS**

1. Fulfill institutional General Education: Core Competency Requirements;
2. Complete INDS 400;
3. Complete 45-hours in at least two, but not more than three, academic disciplines with no more than 30 hours and no less than 15 hours from any one discipline. The courses may be in most fields offered by the University;
4. STEM cognate must consist of 15 hours in core industrial processes and an internship;
5. B.S. – Complete 7-14 hours of electives;
6. B.S. (STEM cognate) - Complete 6-13 hours of electives;
7. Complete at least 30 hours at the 300-400 level;
8. Complete 50 percent of the major at Liberty;
9. Complete 30 hours following admission to the program; and
10. Broken enrollment would necessitate renegotiation of the proposal.

**PROGRAM SPECIFIC ADMISSION REQUIREMENTS**

To gain admission to the Interdisciplinary Studies Program, the student must complete the application process and meet with the Director, Individualized Programs of Study as early as possible in his/her undergraduate program and prior to commencing the Senior year. The Professional Advisor for the Individualized Programs of Study will assist the student in developing a course and program plan to meet the requirements of the degree.

The cognates must be approved by the Department Chairmen of the disciplines involved. The Interdisciplinary Studies proposal is then submitted to the Director, Individualized Programs of Study, for final approval. The course and program plan, when accepted, becomes the student's DCP contract for graduation and may be modified only upon written request to the Director, Individualized Programs of Study.

**STEM Minor**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply industrial technology, technical math, and/or physical science skills to energy solutions.
2. Understand the basic science and mathematical theories behind energy resources and energy production.
3. Use various computer technologies that support the energy industry or other technical-related issues.

**STEM Minor (15 hrs)**

STEM 101	<i>Industrial Energy I</i>	3
STEM 201	<i>Industrial Energy II</i>	3
STEM 499	<i>STEM Internship</i>	3
ENVR 330	<i>Energy Resources and Efficiencies (D)</i>	3
ENVR 370	<i>Geographic Information Systems (GIS)</i>	3

**Associate of Applied Science in Technical Studies  
Major (A.A.S.)**

Director: Lance McClure

**PURPOSE**

The Associate of Applied Science (AAS) in Technical Studies degree is a 60 credit hour program consisting of 38 hours of general education required courses, 12 core hours and 10-16 hours of required technical requirements. Instruction in most technical coursework will be delivered at Virginia Technical Institute, 201 Ogden Road, Altavista, Virginia.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate a comprehensive knowledge of the skills required by craft workers and technicians employed in the construction industry.
2. Demonstrate appropriate safety and first aid procedures.

**Program of Study**

<b>Technical Studies Major (A.A.S.)</b>	
<b>General Education: Core Competency Requirements (37-44 hrs)</b>	
<b>Technical Studies (22-28 hrs)</b>	
<b>Core Courses (12 hrs)</b>	
BUSI 223	Personal Finance 3
CRFT 101	Introduction to Craft Skills* 3
ECON 110	Survey of Economics 3
HLTH 205	Accident Prevention and Care (First Aid) 3
<b>Technical Requirements (10-16 hrs)</b>	
Choose from CARP, ELEC, HVAC, MASN, PLMB, WELD	
<b>Free Electives (0-1 hrs)</b>	
Some Courses will be delivered at Virginia Technical Institute in Altavista, VA	
<b>TOTAL HOURS:</b> 60 hrs minimum required	

**Technical Studies Minors**

Minors in Technical Studies are available in six areas: Carpentry; Electrical; Heating, Ventilation and Air Conditioning (HVAC); Plumbing, and Welding. Instruction in these 16-hour minors in technical coursework will be delivered at Virginia Technical Institute, 201 Ogden Road, Altavista, Virginia.

**PROGRAM LEARNING OUTCOMES**

**Carpentry Minor**

The student will be able to demonstrate basic carpentry skills needed for a carpentry apprenticeship.

**Electrical Minor**

The student will be able to demonstrate basic electrical skills needed for an electrician apprenticeship.

**Heating, Ventilation, Air Conditioning (HVAC) Minor**

The student will be able to demonstrate basic HVAC skills needed for a HVAC apprenticeship.

**Masonry Minor**

The student will be able to demonstrate basic masonry skills needed for a masonry apprenticeship.

**Plumbing Minor**

The student will be able to demonstrate basic plumbing skills needed for a plumbing apprenticeship.

**Welding Minor**

The student will be able to demonstrate basic welding skills needed for a welding apprenticeship.

**Carpentry Minor (16 hrs)**

CARP 101	Foundations in Carpentry	4
CARP 201	Intermediate Carpentry	4
CARP 301	Advanced Carpentry	4
CARP 401	Special Topics in Carpentry	4

**Electrical Minor (16 hrs)**

ELTC 101	Foundations of Electricity	4
ELTC 201	Intermediate Electricity	4
ELTC 301	Advanced Electricity	4
ELTC 401	Special Topics in Electricity	4

**HVAC Minor (16 hrs)**

HVAC 101	Foundations in HVAC	4
HVAC 201	Intermediate HVAC	4
HVAC 301	Advanced HVAC	4
HVAC 401	Special Topics in HVAC	4

**Masonry Minor (16 hrs)**

MASN 101	Foundations in Masonry	4
MASN 201	Intermediate Masonry	4
MASN 301	Advanced Masonry	4
MASN 401	Special Topics in Masonry	4

**Plumbing Minor (16 hrs)**

PLMB 101	Foundations of Plumbing	4
PLMB 201	Intermediate Plumbing	4
PLMB 301	Advanced Plumbing	4
PLMB 401	Special Topics in Plumbing	4

**Welding Minor (16 hrs)**

WELD 101	Foundations of Welding	4
WELD 201	Intermediate Welding	4
WELD 301	Advanced Welding	4
WELD 401	Special Topics in Welding	4

**Honor Societies**

**TAU SIGMA HONOR SOCIETY**

Advisors: Dr. Brian C. Yates and Dr. Jacqueline J. Johnson

Tau Sigma is an academic honor society designed specifically to "recognize and promote the academic excellence and involvement of transfer students."

Tau Sigma was incorporated as a non-profit in 1999 with Auburn University being the home of the first chapter. At that time, Auburn University was becoming increasingly aware of the significant number of transfers on campus as well as the university's inability to adequately serve them. Tau Sigma was born out of Auburn University's desire to improve its service to and recruiting and retention of transfer students.

Today, over 60 other universities have established or are currently establishing Tau Sigma chapters in their efforts to improve the services that they provide to their transfer student population. Although Tau Sigma is a relatively young organization, many members in all parts of the country have become active at their universities, participating in such activities

as on-campus recruiting events for prospective transfer students, transfer student orientation, community service projects, assisting the admissions office with the recruitment of prospective transfers at junior colleges, and participating in intramural sports and socials that allow them opportunities to fellowship with one another and make new friends.

The Liberty University Chapter was approved in fall 2008, with the first class inducted in the spring 2009. To be eligible, a student must be a transfer student and achieve at least a 3.50 GPA during the first semester at Liberty University.

### ALPHA LAMBDA DELTA HONOR SOCIETY

*Advisors: Dr. Marilyn Gadowski and Mrs. Bessie Grayson*

Alpha Lambda Delta (ALD) is a national interdisciplinary honor society founded in 1924 at the University of Illinois to recognize academic excellence among first-year students. The Liberty University Chapter provides Christian, intellectual and social enrichment, along with leadership experience for the officers, for students who will become eligible for the honor societies of their majors.

An invitation for membership is sent to students who meet the following requirements:

- GPA of 3.50 or higher at the end of the first two semesters of college (with no repeats).
- Full-time enrollment pursuing a bachelor's degree.
- Freshman transfer students must have the required GPA on the courses taken during their first semester of enrollment combined with the cumulative average of their transfer credits.

## Bruckner Learning Center

*Assistant Director of the Bruckner Learning Center for Academics: S. Denise Green*

*Assistant Director of the Bruckner Learning Center for Testing and Tutoring: James D. Wagner*

The Bruckner Learning Center (BLC) provides a wide range of programs to enhance the academic success of Liberty University students. A valuable course available to incoming freshmen is MENT 101, which provides small group instruction/mentoring, accountability partners and topics such as study strategies, and life skills. CLST 101 is designed to teach students the study skills necessary for college success, while those desiring individualized lab work in study techniques may take CLST 103. Other offerings include CLST 105, which provides mentoring and accountability, and CLST 301, an advanced speed reading course designed to build vocabulary and accelerate reading speed. Additionally, CLST 104 is a transitional study skills course offered in the summer that incorporates Freshman Seminar. Any new freshman may take CLST 104. Applicants must apply and be accepted into the Summer Bridge Program in order to participate in CLST 104.

Students who are placed on Academic Warning/Probation will be required to complete a College Learning Strategies (CLST) course to assist them in their academic progress during **that semester** of Academic Warning/Probation. In such instances, if a student withdraws, or receives a grade lower than a C, the course must be retaken in the subsequent semester. A student may not drop or withdraw from the course without permission from the Assistant Director of Academics in the Bruckner Learning Center.

### DEVELOPMENTAL MATH

*Coordinator: Dr. Kathy Spradlin*

Developmental Math is a component of the Bruckner Learning Center. Placement of MATH 100 and MATH 110 into the developmental model allows students to be in an affective learning environment that focuses on improving student attitudes toward math, identifying individual learning styles and providing intensive personal attention through tutoring and computer assistance in our Math Emporium. The ultimate goal is to move the students toward further success in mathematics. MATH 100 is offered to students who do not have strong math skills; it is a review of basic arithmetic and elementary algebra. MATH 110 is offered for those who do not have prerequisite algebra skills for college-level math. Topics reviewed include exponents, factoring, graphing, equations, and rational expressions.

### TUTORING SERVICES

Free peer tutoring is offered in approximately 35 subject areas to residential students desiring academic assistance during the fall and spring semesters. Subjects are offered based on tutor availability. Many tutors are certified through the College Reading and Learning Association (CRLA). For more information, visit the website at [www.liberty.edu/tutoring](http://www.liberty.edu/tutoring).

### TESTING SERVICES

Make-up testing is provided in the Bruckner Learning Center, Testing Services at the direction of individual professors. Other forms of testing available include: CLEP, ICE (Institutional Challenge Exam), DSST (DANTES Subject Standardized Tests), and the proctoring of tests from other institutions or organizations. Fees are associated with these tests. For more information, visit the website at <http://www.liberty.edu/testing> for the current fee schedule.

## Center for Digital Wellness

The Center for Digital Wellness at Liberty University is the nation's first Digital Wellness Center dedicated to teaching a healthy use and theology of technology. Digital technology has invaded every area of our lives and relationships and we believe there is a great need to establish some digital boundaries. This will be accomplished through raising Awareness, Education and Prevention. Our goal is to transform a culture of distraction to a culture of engagement so that every Liberty student would practice digital wellness for a lifetime.

## Center for Professional and Continuing Education

*Director: George Sherman*

The Liberty University Center for Professional and Continuing Education (CPCE) provides residential and online professional development and community service activities through credit and noncredit offerings.

Credit offerings include certificate programs and Summer Programming. Certificate programs, generally delivered online, complement undergraduate or graduate degrees, and Summer Programming delivers in-residence academic classes through compressed schedules. Both programs award college credit which supports academic degrees.

Noncredit activities, including instructional services, consultation, technical assistance, and community education classes, conferences, workshops, etc., generally award Continuing Education Units (CEUs).

To effectively serve individuals and organizations, the CPCE offers its services through open enrollment and customized venues.

## Center for Writing and Languages

**Director:** *Tess Stockslager*

The Center for Writing and Languages (CWL), formerly known as the University Writing Program (UWP), was established in 2006 as part of Liberty's efforts to improve graduate student writing. The heart of the CWL is one-on-one tutoring. The CWL—the umbrella organization over the Graduate Writing Center (GWC), Undergraduate Writing Center (UWC), Online Writing Center (OWC), Spanish Writing Center (SWC), Foreign Language Lab (FLL), and Online Foreign Language Lab (OFLL)—employs advanced students with superior writing and teaching skills to offer individualized writing and language instruction to Liberty University students.

In addition to tutoring, the CWL also offers a variety of tools to help students with their writing. The CWL webpage (<http://www.liberty.edu/cwl>) includes a large collection of resources on common topics such as “commas” or “APA Documentation.” In addition, the web page offers a variety of links to reliable online sources for writing instruction. Through the web page, students can e-mail quick questions to writing-center tutors or offer suggestions for further online writing aids that the CWL should consider developing. Foreign language resources are also available on the Foreign Language Lab web page.

The Directors of the CWL are available to faculty for classroom presentations or for help in developing teaching aids, rubrics, or assignments. CWL staff members routinely make presentations on topics such as documentation, common grammar errors, plagiarism, and many other writing and language skills in classrooms and in faculty workshops. In addition, all faculty and staff are encouraged to bring their academic work to the GWC for review and commentary by the Director.

Currently, all CWL services are free of charge to Liberty University students, staff, and faculty. Faculty may download any CWL-produced online materials for use in their classes.

### GRADUATE WRITING CENTER

**Director:** *Tess Stockslager*

The GWC offers writing-related services tailored to the University's residential graduate population, and it supports faculty members as they seek to incorporate writing instruction in their classrooms. The GWC also offers help to any Liberty University affiliated scholars seeking to publish or present their work in professional venues. A trained tutor will review drafts and offer feedback, suggestions for revision, and personalized instruction on all aspects of the writing process. Tutors can help with brainstorming, grammar, punctuation, content, organization, and documentation, and help is available to students from the earliest stages of a program through the thesis or dissertation.

The GWC also has a Korean tutor dedicated to helping the university's large population of Korean students.

The GWC is located in Green Hall 2750. Tutoring for counseling and seminary students is also available, by appointment, in the Center for Counseling and Family Studies in the Carter building. Residential students or faculty may contact the center by calling (434) 592-4727 or by emailing [graduatewriting@liberty.edu](mailto:graduatewriting@liberty.edu).

### UNDERGRADUATE WRITING CENTER

**Director:** *Allison Scoles*

The Undergraduate Writing Center (UWC) was established as part of Liberty's efforts to improve student writing. Formed in 2008, the UWC builds on the programs and services already established in the Graduate Writing Center (GWC).

The heart of the UWC is one-on-one tutoring. The UWC employs advanced students with superior writing and teaching skills to offer individualized writing instruction to any Liberty University undergraduate student. Residential students can schedule appointments with the UWC, and a tutor will review their drafts and offer feedback, suggestions for revision, and personalized instruction on all aspects of the writing process. Tutors can help with brainstorming, grammar, punctuation, content, organization, and documentation, and they are available from the earliest stages of a program through the capstone project.

The UWC is located in Green Hall 2750. Residential students or faculty may contact the center by calling (434) 592-3174 or by e-mailing [undergradwriting@liberty.edu](mailto:undergradwriting@liberty.edu).

### ONLINE WRITING CENTER

**Director:** *Shelah Simpson*

The Online Writing Center (OWC) was established as part of Liberty's efforts to improve student writing and thus offers writing-related services tailored to the University's online student population. Through the Online Writing Center web page (<http://www.liberty.edu/onlinewritingcenter>), online students can submit drafts of upcoming assignments to receive tutor feedback, schedule appointments to speak online with a tutor, e-mail quick questions to tutors, or offer suggestions for further online writing aids that the OWC should consider developing. Students may contact the OWC by emailing [onlinewriting@liberty.edu](mailto:onlinewriting@liberty.edu).

### FOREIGN LANGUAGE LAB

**Director:** *Alisha P. Castañeda*

In addition to the writing centers, the Center for Writing and Languages offers foreign language tutoring services through the Foreign Language Lab. The lab offers foreign language-related services customized to the needs of the university's residential population and works to support the needs of faculty members as they instruct and educate their students. The primary purpose of the Foreign Language Lab is to provide one-on-one and group tutoring sessions for students studying Chinese, French, German, Spanish, American Sign Language (ASL), and English as a second language (ESL).

The Foreign Language Lab employs highly qualified individuals who have native speaking ability in the offered foreign languages and advanced knowledge of the grammar and writing skills correlated to those languages. Individuals can schedule a tutoring session ahead of time or come for a walk-in appointment. The lab offers personalized instruction on all areas related to language acquisition, including grammar, vocabulary, and appropriate writing style, as well as oral, auditory, and sign perception practice and development.

In addition to providing language tutoring, the Foreign Language Lab offers conversation groups in each language, including English conversation groups for non-native speakers. Conversation groups help language learners practice their listening and speaking skills in a relaxed and open setting. Conversation topics are varied, and tutors are open to suggestions.

The Director of the Foreign Language Lab is available to faculty for classroom presentations or for help in developing teaching aids, rubrics, or assignments. In addition, all foreign language faculty are welcome to make the FLL part of their students' class experience, either by holding classes in the lab classroom or requiring students to visit for tutoring services.

All Foreign Language Lab services are free of charge for individuals associated with Liberty University—students, faculty, and staff. Persons interested in utilizing the services offered by the Foreign Language Lab may contact the lab by emailing [foreignlanguage@liberty.edu](mailto:foreignlanguage@liberty.edu), calling (434) 592-3175, or

visiting [www.liberty.edu/foreignlanguage/foreignlanguage.htm](http://www.liberty.edu/foreignlanguage/foreignlanguage.htm). The Foreign Language Lab tutoring service is located in Green Hall 2750. The Sanako-equipped lab classroom is located in DeMoss Hall, room 2052 and may be reserved by contacting the Computer Labs administration at [computerlab@liberty.edu](mailto:computerlab@liberty.edu).

### ONLINE FOREIGN LANGUAGE LAB

*Director: Alisha P. Castañeda*

In August 2012, the CWL opened the Online Foreign Language Lab (OFLL). While the residential Foreign Language Lab (FLL) offers customized foreign language tutoring services for residential students, the OFLL reaches out to Liberty University's online population. The OFLL provides free one-on-one tutoring sessions for students studying German, Spanish, and English as a second language (ESL) through LUO's conversational language courses.

The OFLL employs highly qualified individuals with native-speaking ability who not only meet the language standards but are also skilled in effectively tutoring and teaching essential language skills. These tutors provide personalized instruction in all areas related to language acquisition, including grammar, vocabulary, appropriate writing style, and oral and auditory practice and development.

Considering the long-distance nature of online learning, students will meet with tutors via Skype and MSN Messenger and can find out more information about this center and scheduling an appointment by visiting [www.liberty.edu/onlineforeignlanguage/onlineforeignlanguage.htm](http://www.liberty.edu/onlineforeignlanguage/onlineforeignlanguage.htm), emailing [onlinefill@liberty.edu](mailto:onlinefill@liberty.edu), or calling (434)592-3175.

### SPANISH WRITING CENTER: CENTRO DE ESCRITURA EN ESPAÑOL

*Director: Alisha P. Castañeda*

In May 2012, the CWL opened the Spanish Writing Center (SWC), or Centro de Escritura en Español (CEE), to provide writing tutoring services for Liberty University en Español (LUE) students. The SWC aims to improve LUE's undergraduate and graduate student populations' writing skills by providing written and live feedback on essays and other written assignments, administering writing skills development exercises, and developing flyers and presentations with quick reference information regarding grammar, formal/academic writing standards, writing styles (MLA, APA, and Turabian), and more. By providing these free services, the SWC improves the students' chances for academic success.

While other universities have Spanish writing centers geared toward tutoring students learning the Spanish language, Liberty University's SWC is a unique and innovative center that assists Spanish-speaking students who are writing in their native language. Please visit [www.liberty.edu/spanishwritingcenter](http://www.liberty.edu/spanishwritingcenter), write [spanishwritingcenter@liberty.edu](mailto:spanishwritingcenter@liberty.edu), or call (434)592-3175 for more information.

## Career Center

*Director: Richard Glass*

The Career Center provides services that equip students with the professional development skills to combine with their academic training in preparation for their career goals. Many services are also available to alumni, including resume critiques, job searching information, and other services to further career advancement or career change.

### CAREER SERVICES

Website: <http://www.liberty.edu/career>

Career Assessment Test – Focus 2 (Free to Students)

Career Counseling

Local and Regional Industry-Specific Career Fairs

Online Job Database – LUNETWORK for internships, full-time and part-time opportunities all over the country

Career Workshops and Professional Skills Development

Resume and Cover Letter Workshops and Critiques

Job Search and Research

Mock Interviews

Graduate School Preparation

Internships and Externships

The Washington Fellowship

Virtual Career Center

The Career Center is located on the first-floor of DeMoss Hall, a highly visible and easily accessible location that includes state-of-the-art meeting facilities, interview rooms, computer lab, and professional development facilities. The Focus 2 assessment combined with career counseling is available to assist students in determining career goals and implementing appropriate educational plans. Through the website, online job listings, career resource library, and a computerized interest assessment, students are encouraged to explore various occupational fields, develop job-hunting skills, and research graduate education programs. Staff, alumni, and employers conduct training workshops on topics such as resume writing, interviewing techniques, and job search strategies. Further networking opportunities are provided through Career Fairs, on-campus interviewing, and networking. Students are also encouraged to participate in experiential education programs, such as externships and internships, including the Washington Fellowship and job shadowing opportunities, which provide practical work experience and complement their formal education.

The Virtual Career Center (VCC) provides online access to career services without closing hours. Our goal is to deliver professional development services, workshops and resources through online mediums without compromising the quality of service between Career Center staff and students. VCC services and resources help students become professionals prepared for the world of work.

For more information on any of the stated topics, please visit the Career Center website at <http://www.liberty.edu/career>.

### LUNETWORK – JOB DATABASE

Liberty University's exclusive employer relationship database, LUNETWORK, is the on-line database that has thousands of employers looking for Liberty students, recent graduates, and alumni. Employers from all over the country (and world) are purposefully posting positions looking for Liberty talent. Postings include internships and full time positions for both new graduates and seasoned professionals. Students and alumni can post their resume and search the database for positions all over the world. Residential and Online Students and Alumni are eligible to utilize LUNETWORK for life.

### INTERNSHIP PROGRAM

All students are encouraged to complete an internship to assist with career planning and gain practical experience within their chosen field of study. Approximately sixty-percent of all interns receive a full-time job offer. Students may earn from one to six (in some cases nine) semester hours of credit. Many majors require at least three credits. All applicants for credit internships, which are listed in the University's Catalog under a 499 number, are processed through the students' Faculty Internship Advisor located within their department. Zero-credit internships are also available; they will be

listed on the student's transcript with an appropriate departmental prefix under a 299 number. The zero-credit internships are processed through the Liberty University Career Center. For additional information regarding internships contact [internships@liberty.edu](mailto:internships@liberty.edu).

**Completed applications for internships must be submitted to the Faculty Internship Advisor (FIA) for the Department of the student's major. Check with your department for forms and deadlines. Students are encouraged to apply for internships a semester in advance. Previous work experience does not qualify for an internship and will not be considered for academic credit.**

#### THE WASHINGTON FELLOWSHIP

Students are also encouraged to consider participating in The Washington Fellowship. This program allows students, from all majors, to be placed in a semester-long internship in Washington, DC. Students are required to register for a six credit internship (the zero-credit internship is not open to students in this program) and take at least six credits through online courses, thus maintaining their full-time residential status as Liberty University students. On-site housing is required for all students participating in The Washington Fellowship. For more information, contact [washington@liberty.edu](mailto:washington@liberty.edu) or visit <http://www.liberty.edu/washington>.

#### IMPORTANT INFORMATION REGARDING INTERNSHIPS AND CLINICAL PLACEMENTS

Students who are pursuing degrees leading to application for professional licensure or certification, and/or who will be participating in clinical placements, internships, or practica through their Liberty University program should be aware that their host facility may require a criminal background check, finger printing, or drug screening. In such situations, each student is responsible for obtaining and paying for the background check or other screening process and for delivering required documentation to the facility. Although the university will make reasonable efforts to place admitted students in field experiences and internship, it will be up to the host facility to determine whether a student will be allowed to work at that facility.

Students should further be aware that a criminal record may jeopardize licensure by the State certification body. Students seeking licensure are urged to contact the relevant licensing agency to determine the licensing requirements for the jurisdiction. Successful completion of a program of study at Liberty University does not guarantee licensure, certification, or employment in the relevant occupation.

### *Eagle Scholars Program*

*Coordinator: Frank DiGregorio*

The Eagle Scholars Program provides high achieving freshman and sophomore students the training necessary for personal and professional development to become leaders throughout college and beyond. This program fosters a sense of community, bolsters academic knowledge and provides leadership and professional experience. For more information, please visit the Eagle Scholars website at <http://www.liberty.edu/eaglescholars>.

Students in the Eagle Scholars Program take a series of four courses to complete the program (ESLP 101, ESLP 102, ESLP 201, and ESLP 202). Please see the Courses of Instruction – Residential Program for complete course information.

#### ESLP 101 *Introduction to Leadership: Connecting with Others* 1 hour

This course is part one in a course sequence initiated for the Eagle Scholars program. The course focuses on introduction to leadership skills, attitudes, and practices, particularly connecting with others within a university context.

#### ESLP 102 *Self-Leadership Development* 1 hour

This course is part two in a course sequence initiated for the Eagle Scholars program. The course focuses on developing self-leadership skills, attitudes and practices, particularly within the university context.

#### ESLP 201 *The Art and Science of Leading Others* 1 hour

This course is part three in a course sequence initiated for the Eagle Scholars program. The course focuses on continued development in understanding leadership thinking, practices and identity. Special emphasis is placed on biblical perspectives in leadership.

#### ESLP 202 *The Art and Science of Changing Culture* 1 hour

This course is part four in a course sequence initiated for the Eagle Scholars program. The course focuses on continued development in understanding leadership thinking, practices and identity. Special emphasis is placed on biblical perspectives in leadership and assessing cultural and community needs and creating effective solutions.

### *Office of Disability Academic Support*

*Director: William Denton McHaney*

The Office of Disability Academic Support (ODAS) provides academic support services for students with **documented disabilities**. A student who has a disability may be assigned to a Disability Academic Support advisor who has had training in accommodation of disabled students. That faculty member acts as a liaison between instructors and the individual regarding classroom accommodations and will function in a dual advising role with the CASAS Professional Advisor in the student's chosen major. With the student's permission, each instructor is informed that the student has a disability, and suggestions for appropriate accommodations are made, as needed and desired.

The **Osborne Assistive Learning Technology Center** provides access to computers with text reader software with synthetic speech, speech recognition software to turn speech into print, and organizational software.

**Deaf and Hard of Hearing Services** provides accommodations for students who are d/Deaf or hard of hearing. These services may include the provision of qualified Sign Language interpreters for academic classes and related events, cultural mediation, note takers, academic advising, priority classroom seating, and priority pre-registration.

## Center for Academic Support & Advising Services – Online Programs

### Interdisciplinary Studies Major (B.S.)

#### PURPOSE

The Bachelor of Science in Interdisciplinary Studies degree program is designed for traditional students and adult learners with an interdisciplinary history attained through academic and/or work experience. Academic instruction is structured within a Christian worldview.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate acquisition of core competencies in at least two, but not more than three, content areas
2. Assess moral dimensions and ethical implications in at least two disciplines;
3. Demonstrate the integration knowledge; and
4. Evidence the synthesis of academic knowledge and Christian values.

#### APPLICATION PROCESS

1. Complete the Application for Interdisciplinary Studies major.
2. Submit the Cognate Selection form by going to [www.liberty.edu/cognate](http://www.liberty.edu/cognate) and selecting two or three cognate choices.
3. Review of the Cognate Selection is made by the Interdisciplinary Studies Degree Plan Coordinator. Students who have not completed enough hours in a specific area to develop a cognate will be contacted by email encouraging them to pursue a specific program area.
4. Approval is granted by the Interdisciplinary Studies Degree Plan Coordinator in the Liberty University Online Office of Transfer Evaluations and Degree Planning and by the Registrar's Office.
5. Students who break enrollment must resubmit the Cognate Selection form.

### Program of Study

**Interdisciplinary Studies Major (B.S.)**

Liberty University Online offers cognates in Accounting, Business, Business Management Information Systems, Christian Counseling, Crisis Counseling, Criminal Justice, Education, Life Coaching, Paralegal Studies, Psychology, Religion, Social Sciences, Special Education, and STEM. A cognate represents a broad discipline of study at Liberty University.

The Interdisciplinary Studies degree program is individualized to provide flexibility and to give students options to select courses that will help them meet their academic goals. Students may take any course that fits within the discipline of study as indicated by approved prefixes on the following chart, as long as the prerequisite requirements have been met.

This program is not available for students pursuing teacher licensure. This program does not comprise a double major. Liberty's Interdisciplinary Studies program **requires 48 credit hours for the major** which can be distributed between two or three cognates. A minimum of 15 credit hours in each cognate is required.

Students must also take INDS 400 *Knowledge Synthesis for Professional and Personal Development*, a 3-hour course designed to assess student mastery of content knowledge of the Interdisciplinary Studies program.

Online Cognates	Courses can be taken online or transferred with the following prefix:	Upper Level Credits (Minimum)
Accounting	ACCT only	9 credits
Business	Any combination of ACCT / BUSI / ECON	9 credits
Business Management Information Systems	BMIS only	9 credits
Christian Counseling	CCOU only	9 credits
Crisis Counseling	CRIS only	9 credits
Criminal Justice	Any combination of CJUS / GOVT	9 credits
Education	EDUC only	9 credits
Life Coaching	LIFC only	9 credits
Paralegal Studies	PLAW only	9 credits
Psychology	PSYC only	9 credits
Religion	Any combination of BIBL / CHHI / CHMN CHLD EVAN / GLST THEO / PHIL / PLED YOUT / WRSP	9 credits
Special Education	EDSP only with exception of PSYC 345 and EDUC 307	9 credits
STEM	STEM and ENVR	9 credits

Transfer cognates are approved for disciplines indicated on the following chart. These cognates may not be offered online, or may only have limited options; however, transfer students may choose one or two of the following cognates as long as a minimum of 15 hours have been transferred per cognate. Upper-level credits are not required in transfer cognates; however, students must meet the institutional requirement of 30 upper-level credits for the degree program.

At least 50% of the courses for this degree must be completed through Liberty University, with the exception of students approved for the Servicemembers Opportunity Colleges.

Credit may be awarded based on the American Council on Education (ACE) *Guide to Educational Experience in the Armed Services*.

Transfer Cognates	Disciplines Included	Transfer Credits Required	LU Prefix Identifiers
Aviation Science	Aerospace, Aeronautics, Air Safety, Aircraft, Hydrodynamics, Hydrostatics, Maintenance	15 minimum	AVIA
Communication Studies	Business Communication, Digital Arts, Journalism, Speech Communication, Strategic Communication	15 minimum	BUSI 300 DIGI JOUR SCOM STCO
Computational Science	Computer Science, Engineering, Information	15 minimum	CMIS CSCI

Transfer Cognates	Disciplines Included	Transfer Credits Required	LU Prefix Identifiers
	Technology, Management Information Systems		ENGE INFT
English and Literature	Composition, Rhetoric, Creative Writing, Literature, English as a Second Language	15 minimum	ENGL ESOL 200+
Fine Arts	Music, Theatre, Studio and Digital Arts, Classical Studies	15 minimum	MUSC THEA ARTS VCAR CSTU
Health Science	Any health science or health technology field which includes a broad range of field from the community colleges	15 minimum	ATTR HLTH KINE EXER NURS PHED
Language Studies	Acquisition, Foreign, Modern, Biblical, Classical, Linguistics, Sign Language, Sign Interpreter	15 minimum	FREN GREK HBRW LANG MLAN LING
Social Science	Anthropology, Government, Economics, History, Global Studies, Intercultural Studies, Psychology, Sociology, Social Work, Geography,	15 minimum	ANTH GOVT SOCI PSYC ECNC HIUS HIEU HIWD HLTH 216, HLTH 252 SOWK ICST/GLST GEOG
Mathematics	Algebra, Calculus, Finite, Discrete, Geometry, Trigonometry, Statistics	15 minimum	MATH
Military Science	Any military science including military training	15 minimum	MISC
Natural Science	Astronomy, Biology, Chemistry, Life Science, Earth Science, Geology, Physical Science, Physics	15 minimum	BIOL BCHM CHEM PHSC PHYS NASC

**Graduation Requirements:**

- 120 total hours; 30 hours of upper-level courses;
- 24 hours (50%) of the major must be taken through LU;
- 30 hours must be completed through LU (Online and/or Residential);
- 2.00 grade point average;
- Grades of "C" or higher in upper-level courses in major

**STEM Minor**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply industrial technology, technical math, and/or physical science skills to energy solutions.
2. Understand the basic science and mathematical theories behind energy resources and energy production.
3. Use various computer technologies that support the energy industry or other technical-related issues.

**STEM Minor (15 hrs)**

STEM 101	<i>Industrial Energy I</i>	3
STEM 201	<i>Industrial Energy II</i>	3
STEM 499	<i>STEM Internship</i>	3
ENVR 330	<i>Energy Resources and Efficiencies (D)</i>	3
ENVR 370	<i>Geographic Information Systems (GIS)</i>	3

**Interdisciplinary Studies Major (A.A.)**

**PURPOSE**

The Associate of Arts degree in Interdisciplinary Studies is designed as an intermediate, close-range goal for the adult learner and may act as a bridge to a Bachelor of Science degree. It enables the student to use both inter-college and interdepartmental combinations of courses that will provide a broad pattern of educational experience.

**PROGRAM LEARNING OUTCOMES**

The student will be able to evidence the synthesis of academic knowledge and Christian values.

**Program of Study**

**Interdisciplinary Studies Major (A.A.)**

*General Education: Core Competency requirements for an Associate of Arts degree are listed in the College of General Studies section of this Catalog.*

General Education:	
Core Competency Requirements	33
Skills and Knowledge	6
General Electives	<u>21</u>
Total hours required	60
<ul style="list-style-type: none"> <li>• A minimum of 15 hours must be completed through Liberty University.</li> <li>• Minimum 2.00 grade point average.</li> </ul>	

**Liberty University en Español**

The Center for Academic Support and Advising Services also offers the Associate of Arts in Interdisciplinary Studies online through Liberty University en Español. Additional information is available at <http://www.liberty.edu/online/lue-inicio/>.

**Center for Professional and Continuing Education**

Liberty University Online provides opportunities for individuals to enrich their online education in a variety of fields including undergraduate and graduate certificate programs.

Additional information is available online at <http://www.liberty.edu/online/programs/certificate>.



# College of Arts & Sciences

## Administration

**Roger Schultz, B.A., M.A., Ph.D.**  
 Dean, College of Arts & Sciences  
 Professor of History

**Carey Roberts, B.A., M.A., Ph.D.**  
 Associate Dean, College of Arts & Sciences  
 Chair, Department of History  
 Professor of History

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CID=22> where faculty can be searched for by Department.

## PURPOSE

The purpose of the College of Arts & Sciences is to develop Christ-centered lifelong learners who think critically, live morally, and act skillfully to make contributions in their workplaces, communities, and around the world. They will be equipped with the essential knowledge, values, and skills in disciplines focused on philosophical, cultural, and scientific achievements. Graduates from the College of Arts & Sciences will be able to apply, communicate, and expand the knowledge they have gained as they seek to glorify God in fulfilling the Great Commission.

Departments of the College include English & Modern Languages, Family & Consumer Sciences, Mathematics, History, and Philosophy. The College offers learning opportunities in American Sign Language, family and consumer sciences, fashion merchandising, child development, interior design, Chinese, English, French, Spanish, Teaching English as a Second/Foreign Language, geography, history, humanities, linguistics, mathematics, military science, philosophy, physical science, physics, and social sciences.

## TEACHER LICENSURE

Liberty University offers teacher licensure programs which are approved by the State of Virginia Department of Education. Among the options available to students through the College of Arts & Sciences are courses of study leading to licensure in English, family and consumer sciences, history/social science, mathematics, Spanish, and Teaching English as a Second/Foreign Language.

Those who enter the teacher licensure program must complete the academic major, be subject to the same general education requirements as all other students, and complete academic and practicum experiences related to professional teacher training.

Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at [www.liberty.edu/uguide](http://www.liberty.edu/uguide).

## DEGREE COMPLETION PLANS (DCP)

Degree Completion Plans for degree programs offered by the College of Arts & Sciences can be found online at: <http://www.liberty.edu/index.cfm?PID=2981>.

## Air Force – ROTC

### PURPOSE

The Air Force Reserve Officer Training Corps (AFROTC) offered to Liberty University students through the University of Virginia affords students the opportunity to receive United States Air Force officer training while completing undergraduate studies. AFROTC is the largest of three programs available through the Air Force to earn a commission and serve as an officer in the United States Air Force.

AFROTC offers commissioning opportunities for undergraduate students. The 4-year program is designed for students who join during their first year of college. Students take all four years of Air Science classes and attend a 4-week summer field training encampment at an Air Force Base between their second and third years.

Students may also enroll in AFROTC during their second year of college. Those seeking to complete the program in three years will dual enroll in both the AIRS 100 and AIRS 200 courses during their second year of college and attend a 4-week summer field training encampment between their second and third years.

Unless the student earns an AFROTC scholarship, there is no service obligation in the first two years of the 4-year program. However, all students who enter into the Professional Officer Course (the last two years) enter into a contractual obligation with the Air Force to serve on active duty upon commissioning.

After graduation and commissioning as second lieutenants in the Air Force, graduates serve in any number of career fields for a 4-year active duty service commitment. Interested and qualified students may compete to become Air Force pilots or combat systems officers. Successful pilot and combat systems officer candidates serve ten and six year active duty service commitments, respectively. Active duty may be delayed after graduation for those who wish to immediately pursue a graduate degree.

### SCHOLARSHIP PROGRAM

Merit-based financial scholarships may be offered to highly academically competitive and qualified students already enrolled in the program. Qualified students may be offered an AFROTC scholarship for full or partial college tuition, incidental fees, textbook allowances, and a monthly subsistence allowance of at least \$300. Scholarship students incur a military obligation.

### CONTACT INFORMATION

AFROTC Detachment 890; University of Virginia; P.O. Box 400188; Charlottesville, Virginia 22904-4188.

Phone number: 434-924-6832.

Fax number: 434-982-2842.

Email: [afrotc@virginia.edu](mailto:afrotc@virginia.edu)

Website: <http://www.virginia.edu/~afrotc>

## Program of Study

### Air Force R.O.T.C. (16 hrs)

AIRS A	Leadership Laboratory (required with every AIRS course)	0
AIRS 110	The Foundations of the US Air Force I	1
AIRS 120	The Foundations of the US Air Force II	1
AIRS 210	The Evolution of Air and Space Power I	1

AIRS 220	<i>The Evolution of Air and Space Power II</i>	1
AIRS 310	<i>Concepts of Air Force Leadership and Management I</i>	3
AIRS 320	<i>Concepts of Air Force Leadership and Management II</i>	3
AIRS 410	<i>National Security Affairs I</i>	3
AIRS 420	<i>National Security Affairs II</i>	3

## Army – ROTC

### PURPOSE

The Army Reserve Officers Training Corps (ROTC) offers a general military science curriculum that prepares eligible men and women to compete for a commission as an officer in the United States Army.

### SCHOLARSHIP PROGRAM

Merit based financial incentives are offered to qualified students through two, three, and four-year scholarships (full tuition fees), a book allowance of \$1,200 annually, and a monthly stipend of up to \$500 per month. Scholarship students incur a military obligation.

### INTERNSHIP

Internships are available during the summer of the sophomore year for qualified students that did not participate in ROTC during their freshmen and sophomore years. Participants are provided transportation, food, lodging, uniforms, and are paid during the 28-day camp. Students that successfully complete the internship are eligible to compete for a two-year scholarship.

### CONTACT INFORMATION

Army ROTC; Liberty University; 1971 University Blvd.; Green Hall, Room 2601; Lynchburg, VA 24502. Toll-free phone number: 1-888-LU-AROTC. Email: [arotc@liberty.edu](mailto:arotc@liberty.edu).

### Program of Study

Army R.O.T.C. (20 hrs)		
MISC 001	<i>Leadership Application</i> (each semester)	8
MISC 101	<i>Fundamental Concepts</i>	1
MISC 102	<i>Basic Leadership</i>	1
MISC 201	<i>Advanced Leadership</i>	1
MISC 202	<i>Tactics and Officership</i>	1
MISC 301	<i>Small Unit Leadership</i>	2
MISC 302	<i>Small Unit Operations</i>	2
MISC 401	<i>Leadership, Management and Ethics</i>	2
MISC 402	<i>Transition to Lieutenant</i>	2

### Military Leadership Minor

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Develop and implement principles in agreement with US Army leadership doctrine.
2. Employ Army technical and tactical skills in small unit operations to formulate solutions to complex problems.

Military Leadership Minor (23 hrs)		
MISC 001	<i>Leadership Application</i> (each semester)	8
MISC 101	<i>Fundamental Concepts</i>	1
MISC 102	<i>Basic Leadership</i>	1
MISC 201	<i>Advanced Leadership</i>	1
MISC 202	<i>Tactics and Officership</i>	1
MISC 301	<i>Small Unit Leadership</i>	2

MISC 302	<i>Small Unit Operations</i>	2
MISC 401	<i>Leadership, Management and Ethics</i>	2
MISC 402	<i>Transition to Lieutenant</i>	2
HIUS 380	<i>Modern American Military History</i>	3
Note: Available for students accepted into the Army ROTC program		

## Center for Creation Studies

**David A. DeWitt, B.S., Ph.D., Director**

*Professor of Biology*

The Center for Creation Studies is an interdisciplinary education and research institute committed to the study of the origin of the universe, the earth, life, and species. This study draws upon knowledge from religion, science, philosophy, and history.

The primary educational activity of the Center is the presentation of CRST 290, *History of Life*. This course is required of all Liberty students and is designed to provide a thorough understanding of the creation-evolution controversy.

Exhibits, currently located in the Science Hall and back hallway of DeMoss Hall, teach concepts of the creation model, describe creationist research, and glorify the Creator of earth and life.

### PURPOSE

The purpose of the Center for Creation Studies is to promote the development of a consistent biblical view of origins in our students. The Center seeks to equip students to defend their faith in the creation account in Genesis using science, reason, and the Scriptures. The minor in Creation Studies provides a flexible program with a broad training in scientific disciplines that relate to origins as well as the Bible. Students in science or non-science majors can benefit from the in depth study of creation and evolution.

### Creation Studies Minor

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Analyze the data relating to the issues of creation and evolution.
2. Provide scientific and biblical arguments that support a literal interpretation of the biblical account of world history.

Creation Studies Minor (19-20 hrs)		
CRST 290	<i>History of Life</i>	2
CRST 390	<i>Origins</i>	3
BIBL 410	<i>Genesis</i>	3
<b>Select three courses (12 hrs) from the following:</b>		
PHSC 210/	<i>Elements of Earth Science /</i>	3
211	<i>Lab - OR</i>	1
ENVR 220/	<i>Physical Geology /</i>	3
221	<i>Laboratory - OR</i>	1
PHSC 310	<i>Astronomy: An Integrated Approach - OR</i>	4
PHSC 121/	<i>Introduction to Astronomy/</i>	3
122	<i>Elements of Astronomy Lab - OR</i>	1
BIOL 415	<i>Cell Biology - OR</i>	4
BIOL 371	<i>Vertebrate Paleontology</i>	3
*BIOL 102/	<i>Principles of Human Biology /</i>	4
104	<i>Lab - OR</i>	
*BIOL 225	<i>General Biology II- OR</i>	4
*BIOL 213 /	<i>Human Anatomy and Physiology I</i>	3
214	<i>/ Lab - OR</i>	1
*BIOL 215 /	<i>Human Anatomy and Physiology II</i>	3
216	<i>/ Lab - OR</i>	1
*BIOL 321	<i>Comparative Anatomy of the Vertebrates</i>	4
* Only one of these courses will count toward the minor. If BIOL 213/214/ 215/216 is selected, students must take all courses, but only 4 credits count toward the minor.		

## Department of English & Modern Languages

**Matthew D. Towles, B.A., M.A., Ph.D.**  
Chair, Department of English & Modern Languages  
Associate Professor of English

### PURPOSE

The Department of English & Modern Languages provides instruction in the theory and practice of writing, in linguistics, modern languages, and the acquisition of languages, and in the analysis and criticism of literature, in order to prepare students for careers and for graduate study in language arts and language arts education, and for a life of growing appreciation for language and the language arts.

### Honor Societies

#### SIGMA TAU DELTA ENGLISH HONOR SOCIETY

##### Purpose

- To confer distinction for high achievement in the English language and in literature.
- To provide cultural stimulation and promote interest in literature and the English language in the community.
- To foster the discipline of English in all its aspects, including creative and critical writing.
- To promote good citizenship among its members.
- To exhibit high standards of academic excellence.
- To uphold the spiritual standards of the University.

##### Requirements

- Twelve hours of English;
- At least a B in every English course;
- GPA of 3.25.

#### SIGMA DELTA PI SPANISH HONOR SOCIETY

##### Purpose

- To recognize those who attain excellence in the study of the Spanish language and in the study of the literature and culture of the Spanish-speaking peoples.
- To honor those who have contributed to the furthering excellence in the study of the Spanish language and culture through honorary membership.
- To foster interest in Spanish language and culture among students of Liberty University and in the Lynchburg community.
- To encourage the involvement of both native and non-native Spanish speakers in community service and leadership.
- To promote student scholarship and encourage continued language study after graduation.

##### Requirements

- 3.00 overall GPA
- 3.25 GPA in Spanish coursework
- At least one class in upper division Spanish coursework (300+)

### Career Opportunities

Business	Second-language Instruction
Civil Services	Sign Language Interpreter
Graduate school	Teaching
Ministry	Translation
Law	Writing
Professions	

## American Sign Language and Interpreting Major (B.A.)

### PURPOSE

The purpose of the program is to equip students with the knowledge base and skill set to prepare them for effective Sign Language interpreting and meaningful interaction with the Deaf community.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

- Communicate in a linguistically and culturally appropriate way through the use of American Sign Language.
- Recognize and model various sociolinguistic elements, values, and concerns of the culturally Deaf.
- Facilitate communication effectively between hearing individuals and the Deaf.
- Evaluate the interpreter's professional ethics, identity and role against a Christian worldview.

### Program of Study

#### American Sign Language and Interpreting Major (B.A.)

**General Education: Core Competency Requirements (52-59 hrs)**

**Courses in the Major (51 hrs)**

ASLI 101	American Sign Language I	3
ASLI 102	American Sign Language II	3
ASLI 201	American Sign Language III	3
ASLI 202	American Sign Language IV	3
ASLI 212	Fingerspelling and Numbers	3
ASLI 302	American Sign Language V	3
ASLI 305	Introduction to Interpreting	3
ASLI 310	Deaf Studies	3
ASLI 320	Sociocultural Linguistic Process	3
ASLI 401	English to ASL Interpreting I	3
ASLI 402	English to ASL Interpreting II	3
ASLI 403	ASL to English Interpreting I	3
ASLI 404	ASL to English Interpreting II	3
ASLI 405	ASL Linguistics	3
ASLI 410	Interpreter Professional Identities, Function and Ethics and Current Trends	3
ASLI 498	Practicum	3
ASLI 499	Internship	3

**Directed Courses (Required) (6 hrs)**

ENGL 333	Modern Grammar – OR	3
LING 213	Introduction to Linguistics	
THEO 324	Theology of Suffering and Disability – OR	3
SOCI 349	Sociology of Disability	

**Free Electives (0-7 hrs)**

**TOTAL HOURS:** 122 hours minimum required; at least 45 hours must be 300-400 level.

## English Major (B.A.)

### PURPOSE

Liberty University's English program provides instruction in the theory and practice of writing and in the analysis and criticism of literature in order to prepare students for careers and for graduate study in language arts and language arts education, and for a life of growing appreciation for the language arts. Toward this end, the program seeks: 1) to develop the necessary curricular offerings and practical opportunities for student achievement in the areas of literary criticism; syntactical, rhetorical, critical and creative features of writing; and a well-developed understanding of the Christian worldview; 2) to develop strategies for providing students with both curricular and practical opportunities which

make the most efficient and effective use of the department's academic, physical, and budgetary resources; and 3) to provide graduates with the highest quality of professional preparation and, for teacher candidates, to meet licensure requirements.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Interpret and evaluate literary and critical texts in the context of a Christian worldview.
2. Formulate and express original ideas based on critical analysis of texts.
3. Analyze relationships between texts and literary and cultural history.
4. Write according to the complex demands of grammar and mechanics, purpose, audience, and discursive style.
5. Research and write in the style appropriate to the field of English.

**Programs of Study**

<b>English Major (B.A.)</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus:</b>	
<b>Language Requirements (12 hrs) Must be <u>one</u> language;</b>	
<b>Integrative Studies (6 hrs)</b>	
<b>Courses in the Major (42 hrs)</b>	
ENGL 301	Literary History: Ancient 3
ENGL 302	Literary History: Modern 3
ENGL 322	Shakespeare 3
ENGL 333	Modern Grammar 3
ENGL 364	History of the English Language 3
ENGL 433	Literary Criticism 3
ENGL	Writing: 307 or 416 3
ENGL	Author: 308 or 412 3
ENGL	Period: 304 or 413 3
ENGL	Genre: 305 or 414 3
ENGL	Diversity: 306 or 415 3
ENGL	Electives (300-400 level) 6
ENGL 491	Senior Capstone 3
<b>Directed Courses (Required) (0-6 hrs)*</b>	
ENGL 102	Composition and Literature 3
HIEU 201	History of Western Civilization I 3
<b>Free Electives (3-10 hrs)</b>	
* These courses are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 122 hours minimum; at least 48 hours must be 300-400 level.	

<b>English Major (B.A.) Endorsement: English (6-12)</b>	
<b>Teacher Licensure Requirements</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus:</b>	
<b>Language Requirements (12 hrs) Must be <u>one</u> language;</b>	
<b>Integrative Studies (6 hrs)</b>	
<b>Courses in the Major (39 hrs)</b>	
ENGL 301	Literary History: Ancient 3
ENGL 302	Literary History: Modern 3
ENGL	Author: 308 or 412 3
ENGL	Period: 304 or 413 3
ENGL	Genre: 305 or 414 3
ENGL	Diversity: 306 or 415 3
ENGL	Writing: 307 or 416 3
ENGL	Electives (300-400 level) 6
ENGL 322	Shakespeare 3

ENGL 333	Modern Grammar	3
ENGL 364	History of the English Language	3
ENGL 433	Literary Criticism	3
<b>Directed Courses (required) (3-9 hrs)*</b>		
ENGL 102	Composition and Literature*	3
HIEU 201	History of Western Civilization I*	3
PSYC 210	Developmental Psychology	3
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning	2
EDUC 235	Content Instructional Design / Practicum /236	1/2
EDUC 240	Introduction to Applied Educational Technology Practicum	2
EDUC 360	Foundations of Education	2
EDUC 425	Content Measurement and Evaluation	3
EDUC 435	Content Curriculum /436	2/1
ENGL 419	Methods and Materials in Teaching /420	2/1
<b>Professional Semester</b>		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 143 hours minimum; at least 68 hours must be 300-400 level.		

**Spanish Major (B.A.)**

**PURPOSE**

Liberty University's Spanish program exists to equip candidates to communicate in Spanish at a high level of proficiency in a wide variety of contexts with native Spanish speakers or to pursue advanced study in the field. Toward this end, the program seeks: 1) to develop the necessary curricular offerings and practical opportunities for student achievement in the areas listening, speaking, reading, writing, and culture; 2) to develop strategies for providing students with both curricular and practical opportunities which make the most efficient and effective use of the department's academic, physical, and budgetary resources; and 3) to provide graduates with the highest quality of both professional preparation and professional accreditation and licensure.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Critique, analyze, and interpret authentic Spanish language texts.
2. Analyze Hispanic culture and its various expressions in terms of a biblical worldview.
3. Communicate orally in Spanish, demonstrating listening comprehension skills, speaking proficiency, correct grammar, and appropriate vocabulary.
4. Demonstrate written communication skills, including the ability to produce clear, logical, and grammatically and syntactically appropriate Spanish-language compositions.
5. Evaluate Hispanic cultural practices and perspectives within a broad political, social, and historical framework.

**Program of Study**

<b>Spanish Major (B.A.)</b>		
<b>General Education: Core Competency Requirements (52-59 hrs)</b>		
<b>Liberal Arts Focus:</b>		
<i>Integrative Studies (6 hrs)</i>		
<b>Courses in the Major (36 hrs)</b>		
SPAN 301	<i>Advanced Spanish Grammar and Composition</i>	3
SPAN 302	<i>Advanced Composition and Conversation</i>	3
SPAN 310	<i>Introduction to Translation: Spanish-English</i>	3
SPAN 321	<i>Modern Spanish Literature</i>	3
SPAN 330	<i>Introduction to Hispanic Linguistics</i>	3
SPAN 450	<i>Senior Seminar: Comparison Between Spanish and Latin American Literature</i>	3
SPAN**	<i>Elective</i>	6
SPAN 304	<i>Civilization and Culture of Latin America – OR</i>	3
SPAN 305	<i>Civilization and Culture of Spain</i>	
<b>Choose three courses (9 hrs) from the following:</b>		
SPAN 320	<i>Cinema and Dramatic Literature</i>	
SPAN 322	<i>Peninsular Literature</i>	
SPAN 323	<i>Latin American Literature</i>	
SPAN 325	<i>Modern Spanish Short Stories</i>	
SPAN 410	<i>Advanced Translation</i>	
<b>Directed Courses (Required) (0-6 hrs)*</b>		
HIEU 201	<i>History of Western Civilization I</i>	3
ENGL 221	<i>World Literature I – OR</i>	3
ENGL 222	<i>World Literature II</i>	
<b>Free Electives (19-26 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
** 6 hours of internship or the equivalent to be taken abroad in a country where Spanish is the language of business and government.		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 36 hours must be 300-400 level.		

<b>Spanish Major (B.A.)</b>		
<b>Endorsement: Spanish (PreK-12)</b>		
<b>Teacher Licensure Requirements</b>		
<b>General Education: Core Competency Requirements (53-57 hrs)</b>		
<b>Liberal Arts Focus:</b>		
<i>Integrative Studies (6 hrs)</i>		
<b>Courses in the Major (36 hrs)</b> [see above]		
<b>Directed Courses (required) (3-9 hrs)‡</b>		
HIEU 201	<i>History of Western Civilization I*</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
ENGL 221	<i>World Literature I‡ – OR</i>	3
ENGL 222	<i>World Literature II‡</i>	
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235	<i>Content Instructional Design / Practicum</i>	1/2
	/236	
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Content Measurement and Evaluation</i>	3
EDUC 435	<i>Content Curriculum Fundamentals / Practicum</i>	2/1
	/436	
TESL/SPAN	<i>Methodology and Curriculum in Teaching</i>	2/1
	419/420	
	<i>Modern Languages / Practicum</i>	
<b>Professional Semester</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5

<b>NOTE:</b> Spanish majors must achieve a minimum of Advanced Low on the Oral Proficiency Interview (OPI) in order to obtain licensure.
* These courses are approved General Education courses and may be counted in the Core Competency Requirements
<b>TOTAL HOURS:</b> 129 hours minimum required; at least 56 hours must be 300-400 level.

**Teaching English as a Second/Foreign Language Major (B.A.)**

**PURPOSE**

Liberty University's TESL program exists to equip candidates to teach English in a wide variety of contexts to speakers of other languages or to pursue advanced study in the field. Toward this end, the program seeks: 1) to develop the necessary curricular offerings and practical opportunities for student achievement in the areas of general linguistics, the linguistic features of the English language, cross-cultural dynamics, and curriculum and methodology in TESFL; 2) to develop strategies for providing students with both curricular and practical opportunities while making the most efficient and effective use of the department's academic, physical, and budgetary resources; and 3) to provide graduates with the highest quality of both professional preparation and professional accreditation and licensure.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Adapt the principles of language learning to multiple contexts.
2. Analyze and communicate the syntactic, morphological, phonological and discourse features of English.
3. Analyze and apply the ways in which the Christian worldview affects the TESL practitioner's work.
4. Conduct linguistic analysis of various world languages and present findings both orally and in writing.
5. Evaluate differences and problems that occur in human behavior and values in cross-cultural and cross-linguistic settings.

**Programs of Study**

<b>Teaching English as a Second /Foreign Language Major (TES/FL) (B.A.)</b>		
<b>General Education: Core Competency Requirements (52-59 hrs)</b>		
<b>Liberal Arts Focus: 18</b>		
<b>Courses in the Major (39 hrs)</b>		
ENGL 307	<i>Expository Writing</i>	3
ENGL 364	<i>History of the English Language</i>	3
ENGL 415	<i>Diversity: Advanced World Literature</i>	3
LING 213	<i>Introduction to Linguistics</i>	3
LING 305	<i>Linguistics Analysis</i>	3
LING 453	<i>World Languages</i>	3
SOCI 340	<i>Human Societies: A Global View</i>	3
TESL 333	<i>Modern Grammar</i>	3
TESL 403	<i>Second Language Acquisition</i>	3
TESL 405	<i>Issues and Practices in Teaching English as a Second or Foreign Language</i>	3
TESL419	<i>Methodology and Curriculum in Teaching</i>	2/1
	/420	
TESL 499	<i>TES/FL Internship<sup>1</sup></i>	3
FREN 304	<i>Francophone Culture and Civilization – OR</i>	3
SPAN 304	<i>Spanish Culture and Civilization</i>	
<b>Directed Courses (Required) (3-12 hrs)*</b>		
HIEU 201	<i>History of Western Civilization I*</i>	3
HIEU 202	<i>History of Western Civilization II*</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
ENGL 221	<i>World Literature I* – OR</i>	3
ENGL 222	<i>World Literature II*</i>	

<b>Free Electives (1-8 hrs)</b>	
<sup>1</sup> Teacher Licensure students who complete Student Teaching do not need to take TESL 499	
* These courses are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 42 hours must be 300-400 level.	

<b>Endorsement: Teaching English as a Second /Foreign Language (B.A.)</b>	
<b>Teacher Licensure Requirements</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus:18</b>	
<b>Courses in the Major (33 hrs)</b> [see above]	
<b>Directed Courses (required) (3-12 hrs)*</b> [see above]	
<b>Teacher Licensure Requirements (31 hrs)</b>	
EDUC 125	Introduction to Education 1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning 2
EDUC 235	Content Instructional Design / Practicum /236 1/2
EDUC 240	Introduction to Applied Educational Technology Practicum 2
EDUC 360	Foundations of Education 2
EDUC 425	Content Measurement and Evaluation 3
EDUC 435	Content Curriculum Fundamentals / Practicum /436 2/1
TESL419	Methodology and Curriculum in Teaching /420 Modern Languages / Practicum 2/1
<b>Professional Semester</b>	
EDUC 475	Seminar in Classroom Management 2
EDUC 476	Student Teaching I 5
EDUC 477	Student Teaching II 5
* These courses are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 137 hours minimum; at least 59 hours must be 300-400 level.	

### American Sign Language Minor

#### PURPOSE

The purpose of the American Sign Language Minor is to equip students with the knowledge base and skill set to prepare them for effective communication in American Sign Language and meaningful interaction with the Deaf community.

<b>American Sign Language Minor (18 hrs)</b>	
ASLI 101	American Sign Language I 3
ASLI 102	American Sign Language II 3
ASLI 201	American Sign Language III 3
ASLI 202	American Sign Language IV 3
ASLI 305	Introduction to Interpreting 3
ASLI 310	Deaf Studies 3

### Chinese Minor

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate orally in Chinese, demonstrating speaking proficiency, correct grammar, and appropriate vocabulary.
2. Produce logical, grammatically and syntactically appropriate Chinese-language compositions.

<b>Chinese Minor (15 hrs)</b>	
CHIN 101	Elementary Chinese I 3
CHIN 102	Elementary Chinese II 3
CHIN 201	Intermediate Chinese I 3
CHIN 202	Intermediate Chinese II 3
CHIN 497	Special Topics in Chinese 3

### English Minor

<b>English Minor (15 hrs)</b>	
<b>Choose one from each category:</b>	
ENGL 307, 416, or 433	3
ENGL 333 or 364	3
ENGL 304 or 413	3
ENGL 305 or 414	3
ENGL 322, 308, or 412	3
* Prerequisites: ENGL 101, ENGL 102, and a 200-level course in literature	

### French Minor

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate orally in French, demonstrating listening comprehension skills, speaking proficiency, correct grammar, and appropriate vocabulary.
2. Demonstrate written communication skills, including the ability to produce clear, logical, and grammatically and syntactically appropriate French-language compositions.

<b>French Minor* (15 hrs)</b>	
FREN 102	Elementary French II 3
FREN 201	Intermediate French I 3
FREN 202	Intermediate French II 3
FREN	Electives (300-400 level) 6
* Those students with prior language study are encouraged to consider CLEP for lower level language credits.	

### Linguistics Minor

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Analyze language data based on linguistic concepts.
2. Explain the functions of fundamental linguistic constructs in relation to how language works.

<b>Linguistics Minor (18 hrs)</b>	
<b>Foundations:</b>	
LING 213	Introduction to Linguistics 3
LING 305	Linguistics Analysis 3
LING 451	Phonetics and Phonology 3
LING 452	Morphology and Syntax 3
<b>Choose two of the following courses (6 hrs):</b> 6	
LING 280	Field Language Learning
LING 300	Cultural Anthropology
LING 453	World Languages

### Spanish Minor

<b>Spanish Minor* (15 hrs)</b>	
SPAN 201	Intermediate Spanish I 3
SPAN 202	Intermediate Spanish II 3
SPAN	Electives (300-400 level) 9
* Those students with prior language study are encouraged to consider CLEP for lower level language credits.	

## *Department of Family & Consumer Sciences*

**Dr. Debbie Benoit, B.S., M.A., M.A.T.S., D.Min.**  
*Chair, Department of Family & Consumer Sciences*  
*Assistant Professor of Family & Consumer Sciences*

### **PURPOSE**

The purpose of the Family & Consumer Sciences Department is to prepare the student to acquire the values, knowledge, and skills necessary to be proactive to strengthen the function of the contemporary family from a biblical perspective, specifically in the areas of human development /family studies, interior design/housing, food/ nutrition, consumer economics/management, and clothing/textiles. The Department actively strives to help the student integrate the knowledge base to synergistically focus on the welfare of the family.

### **INTERNSHIPS**

**Advisor: Matalie Howard, B.S., M.S.**

Internships (FACS 499) are required for all FACS majors. Students must be of Senior status, FACS major and must have completed 21 hours of major course work.

### **FACS ASSOCIATION**

**Advisor: Matalie Howard, B.S., M.S.**

The Family & Consumer Sciences (FACS) Association is a pre-professional student organization the purpose of which is to promote student involvement in the profession throughout the University and the community. The FACS Association offers students opportunities for leadership, friendship, ministry, and career exploration. Officers are elected each spring for the following academic year. The FACS Association sponsors University activities, community projects, club meetings with special speakers, support for all FACS majors and is an exciting springboard for professional involvement.

### **INTERIOR DESIGN SOCIETY**

**Advisor: Ruth Gomes, B.S., M.S.**

The purpose of the Interior Design Society (IDS) student chapter is to offer interior design students professional opportunities and exposure within the interior design industry. Liberty University is the first student chapter (2008) in the United States. The student chapter is a part of the large IDS professional organization which is the largest residential design organization in the country. The student chapter promotes student involvement in the profession throughout the University and community. The IDS offers students opportunities for leadership, friendship, professional experience, and exposure to the interior design industry which includes field trips to places such as the Furniture Market in High Point, NC.

### **OMICRON GAMMA PHI HONOR SOCIETY**

**Advisor: Debbie Benoit, B.S., M.A., M.A.T.S., D.Min.**

FACS Honor Society: The Family and Consumer Sciences Department sponsors a FACS honor society that seeks to recognize excellence and Christian commitment among Family and Consumer Science students.

The purpose of the society is symbolized in its name, OMICRON GAMMA PHI. Omicron represents the first letter in the Greek word for family. Gamma is the first letter in the word for science. Phi is the first letter in the word for light. Omicron Gamma signifies that Family and Consumer Sciences is an applied science. The Phi signifies the Christian aspect of the Honor Society.

The purpose of the society is threefold. First, Omicron Gamma Phi encourages and recognizes excellence in scholastic achievement. Second, it seeks to maintain a Christian worldview through the integration of biblical principles with academic content. Third, the society encourages service by the membership.

### **Criteria for membership:**

A student must have:

1. 3.25 cumulative GPA;
2. 45 hours completed; and
3. A major in the FACS department.

## ***Career Opportunities***

### **Clothing/Textiles**

Designer or Assistant Designer  
Fashion Coordinator/Buyer  
Manager of Apparel Store  
Manufacturer Representative  
Owner of an Alterations and Sewing Service

### **Consumer Economics/Management**

Consumer Education Consultant  
Free-Lance Journalist  
Manufacturer's Representative in Industry  
Public Relations Specialist  
Research Specialist

### **Foods/Nutrition**

Dining Supervisor  
Dining Room Manager  
Director of Quality Control  
Food Service Director  
Restaurant Manager

### **Human Development/Family**

Commission of Aging Worker/Director  
Elder/Child Day Care Administrator  
Social Service Worker: City, State, Federal  
Family and Consumer Sciences Teacher:  
Middle School, High School with teacher licensure  
Early Childhood Educator  
Child Life Specialist/Family Life Educator  
Youth Services Administrator

### **Interior Design/Housing**

Housing Analyst or Consultant  
Product/Sales Representative  
Real Estate Property Manager/Sales Associate  
Residential Interior Designer  
Staging

## ***Family and Child Development Major (B.S.)***

### **PURPOSE**

The Family and Child Development program seeks to prepare students to become early childhood educators and family-related professionals who support the God-given potential of families and children. A study of human growth and development within the context of family and community provides a framework for an understanding of how people grow, learn and form relationships through the lifespan.

### **PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply family and child developmental theories.
2. Evaluate issues regarding family structures, parenting and family and child development.
3. Develop a strategic plan of management and implementation of a family and child education program.

4. Communicate as an educator of a family and child education program.

### Program of Study

Family and Child Development Major (B.S.)		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (42 hrs)</b>		
FACS 204	Introduction to Family and Child Development	3
FACS 205	Development of Contemporary Families	3
FACS 260	Early Childhood Education	3
FACS 350	Family Economic Decisions	3
FACS 361	Therapy and Theory of Play in Early Childhood	3
FACS 365	Administration of Family and Childlife Programs	3
FACS 370	Parenting	3
FACS 455	Balancing Work and Family	3
FACS 470	Internal Dynamics of Families	3
FACS 475	Families Under Stress	3
FACS 499	Family/Consumer Internship	3
<b>Choose three courses (9hrs) from the following:</b>		
ENGL 310	Children's Literature	
PSYC 221	Psychology of Childhood	
PSYC 231	Psychology of Adolescence	
PSYC 305	Overview of Theory and Treatment of Substance Abuse	
PSYC 309	Healthy Sexuality	
PSYC 336	Gerontology	
FACS 380	Program Planning and Evaluation	
SOCI 201	Social Problems	
SOWK 200	Introduction to Social Work and Human Services	
<b>Directed Courses (Required) (13-19 hrs)</b>		
BIOL 102	Principles of Human Biology*	3
BIOL 104	Principles of Human Biology Laboratory	1
EDUC 215	Wellness in the Early Childhood Setting	3
PSYC 210	Developmental Psychology*	3
PSYC 317	Crisis Intervention	3
PSYC 345	Exceptional Child	3
PSYC 361	Marriage and Family	3
<b>Free Electives (0-7 hrs)</b>		
* These are approved General Education courses and may be counted in the Core Competency Requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 33 hours must be 300-400 level.		

### Family and Consumer Sciences Major (B.S.)

#### PURPOSE

The Family and Consumer Sciences (FACS) program seeks to strengthen the individual, institution of family and communities through the dissemination of biblical knowledge and the education of professionals. This program includes family and child development, clothing, interiors, consumer economics, and foods.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Create/produce a Sewing Construction Samples Portfolio using standard sewing construction techniques.
2. Analyze the contents of foods for proper nutrition.
3. Evaluate issues regarding family structures, parenting and child development.
4. Plan programs within communities that deal with family and consumer issues.

5. Communicate as a leader and an educator of family and consumer sciences issues.

### Program of Study

Family and Consumer Sciences Major (B.S.)		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (36 hrs)</b>		
FACS 103	Introduction to Family and Consumer Sciences	1
FACS 130	Introduction to Food Safety and Hospitality	3
FACS 205	Development of Contemporary Families	3
FACS 330	(or HLTH 330) Human Nutrition	3
FACS 350	Family Economic Decisions	3
FACS 380	Program Planning and Evaluation	3
FACS 403	Professional Development	2
FACS 455	Balancing Work and Family	3
FACS 499	Family/Consumer Internship	3
FACS 221	Design and Construction I for Interiors	3
OR		
FACS 222	Design and Construction I for Apparel	3
FACS	Electives	9
[Two courses (6 hrs) must be upper level]		
<b>Directed Courses (Required) (1-10 hrs)</b>		
BIOL 102	Principles of Human Biology*	3
NAT SCI	LAB	1
PSYC 210	Developmental Psychology	3
ECON 110	Survey of Economics* – OR	3
ECON 214	Principles of Macroeconomics*	3
<b>Free Electives (18-25 hrs) [9 hours must be upper level]</b>		
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 32 hours must be 300-400 level.		

### Family and Consumer Sciences Teacher Licensure (B.S.)

#### PURPOSE

The NCATE approved Family and Consumer Sciences Teacher Licensure program seeks to prepare Christ-centered worldview teachers with a broad-spectrum of content knowledge and instructional skills recognized by the Virginia Department of Education Standards of Learning. This program includes family and child development, clothing, interiors, consumer economics, and foods.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Create/produce a Sewing Construction Samples Portfolio using standard sewing techniques.
2. Analyze the contents of foods for proper nutrition.
3. Evaluate issues regarding family structures, parenting and child development.
4. Plan programs within communities that deal with family and consumer issues.
5. Communicate as a leader and an educator of family and consumer sciences issues.

Teacher preparation and endorsement in Family and Consumer Sciences is available through the Department. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at [www.liberty.edu/uguide](http://www.liberty.edu/uguide).



**Program of Study**

<b>Family and Consumer Sciences (B.S.)</b>		
<b>Teacher Licensure Requirements (Grades 6–12)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (33 hrs)</b>		
FACS 103	Introduction to Family and Consumer Sciences	1
FACS 130	Introduction to Food Safety and Hospitality	3
FACS 205	Development of Contemporary Families	3
FACS 240	Concepts in Interior Design	3
FACS 330	(or HLTH 330) Human Nutrition	3
FACS 350	Family Economic Decisions	3
FACS 370	Parenting	3
FACS 380	Program Planning and Evaluation	3
FACS 403	Professional Development	2
FACS 455	Balancing Work and Family	3
FACS 475	Families Under Stress	3
FACS 221	Design and Construction I for Interiors– OR	3
FACS 222	Design and Construction I for Apparel	3
<b>Directed Courses (Required) (1-10 hrs)</b>		
BIOL 102	Principles of Human Biology*	3
NAT SCI	LAB*	1
PSYC 210	Developmental Psychology*	3
ECON 110	Survey of Economics* – OR	3
ECON 214	Principles of Macroeconomics*	3
<b>Teacher Licensure Requirements (25 hrs)</b>		
EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning	2
EDUC 235	Content Instructional Design / Practicum /236	1/2
EDUC 240	Technology Practicum	2
EDUC 360	Foundations of Education	2
FACS 480	Teaching Family and Consumer Science / /481 Practicum	2/1
<b>Professional Semester</b>		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
<b>Free Electives (0-3 hrs) [2 hrs must be upper level]</b>		
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 39 hours must be 300-400 level.		

**Fashion and Interiors Major (B.S.)  
Fashion Merchandising Concentration**

**PURPOSE**

The Fashion Merchandising concentration seeks to prepare Christ-centered professionals for the fashion apparel industry in product development, management, merchandising, and distribution.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Communicate as a marketer and merchandiser in the business world.
2. Evaluate fibers and fabrics for intended use.
3. Apply business principles and practices to planning and evaluations.
4. Create/produce a Sewing Construction Samples Portfolio using standard sewing techniques.

**Program of Study**

<b>Fashion and Interiors Major (B.S.)</b>		
<b>Fashion Merchandising Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (39 hrs)</b>		
<b>Core Courses (15 hrs)</b>		
FACS 103	Introduction to Family and Consumer Sciences	1
FACS 320	Textiles: Fibers and Fabrics	3
FACS 350	Family Economic Decisions	3
FACS 403	Professional Development	2
FACS 455	Balancing Work and Family	3
FACS 499	Family and Consumer Sciences Internship	3
<b>Concentration Courses (24 hrs)</b>		
FACS 222	Design and Construction I for Apparel	3
FACS 225	Introduction to the Fashion Industry	3
FACS 324	Specialty Fashion Markets	3
FACS 325	Psycho-Social Aspects of Clothing	3
FACS 351	Event Management	3
FACS 353	Retail Merchandising for Apparel	3
FACS 423	Fashion Promotion and Visual Merchandising	3
FACS ____		3
<b>Directed Courses (Required) (22-31 hrs)</b>		
CHEM 105	Elements of General Chemistry	4
ECON 214	Principles of Macroeconomics*	3
PSYC 210	Developmental Psychology*	3
MATH 115	Mathematics for Liberal Arts*	3
ARTS 211	Drawing I	3
ACCT 211	Principles of Accounting I	3
BUSI 301	Business Law	3
BUSI 310	Principles of Management	3
BUSI 472	Organizational Ethics	3
BUSI 303	International Business – OR	3
BUSI 330	Principles of Marketing	3
<b>Free Electives (0-3 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 122 minimum; at least 41 hours must be 300-400 level.		

**Interior Design Concentration**

**PURPOSE**

The Interior Design concentration at Liberty University seeks to prepare Christ-centered professionals with skills to design innovative, functional, and environmentally responsible interior environments. The focus will be on preparation for the National Council for Interior Design Qualification licensing examination.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Communicate as a marketer and merchandiser in the business world.
2. Evaluate fibers and fabrics for intended use.
3. Evaluate interior spaces based on ergonomic design
4. Create interior spaces based on the principles and elements of design, function and selection of material and appropriate to the needs of the consumer.
5. Create/produce a Sewing Construction Samples Portfolio using standard sewing techniques.

**Program of Study**

<b>Fashion and Interiors Major (B.S.)</b>	
<b>Interior Design Concentration</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (39 hrs)</b>	
<b>Core Courses (15 hrs)</b>	
FACS 103	Introduction to Family and Consumer Sciences 1
FACS 320	Textiles: Fibers and Fabrics 3
FACS 350	Family Economic Decisions 3
FACS 403	Professional Development 2
FACS 455	Balancing Work and Family 3
FACS 499	Family and Consumer Sciences Internship 3
<b>Concentration Courses (24 hrs)</b>	
FACS 221	Design and Construction I for Interiors 3
FACS 240	Concepts in Interior Design 3
FACS 243	CAD I: Computer Aided Design for Interiors 3
FACS 245	Decorative Arts for the Interiors 3
FACS 340	Housing: Consumer and Community 3
FACS 345	Interior Architecture 3
FACS 445	History of Interiors 3
<b>Choose one course from the following:</b> 3	
FACS 113	Introduction to Design
FACS 497	Special Topics in Family and Consumer Sciences
<b>Directed Courses (Required) (19-28 hrs)</b>	
BIOL 102	Principles of Human Biology/Lab 3/1
ECON 214	Principles of Macroeconomics* 3
PSYC 210	Developmental Psychology* 3
ARTS 211	Drawing I 3
ACCT 211	Principles of Accounting I 3
BUSI 301	Business Law 3
BUSI 310	Principles of Management 3
BUSI 472	Organizational Ethics 3
BUSI 303	International Business OR 3
BUSI 330	Principles of Marketing 3
<b>Free Electives (0-4 hrs)</b>	
* These courses are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required. (Of this total, at least 35 hours must be 300-400 level.)	

**Fashion Design Concentration**

**PURPOSE**

The Fashion Design concentration seeks to prepare professionals for the fashion apparel industry with a focus on unique individual designs in an educational setting that finds its basis in biblical values.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply professional skills in designing and constructing fashion apparel.
2. Develop a professional portfolio of creative fashion designs.
3. Create/produce a sewing construction samples portfolio using standard sewing construction techniques.

**Program of Study**

<b>Fashion and Interiors (B.S.)</b>	
<b>Fashion Design Concentration</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (39 hrs)</b>	

<b>Core Courses (15 hrs)</b>		
FACS 103	Introduction to Family and Consumer Sciences	1
FACS 320	Textiles: Fibers and Fabrics	3
FACS 350	Family Economic Decisions	3
FACS 403	Professional Development	2
FACS 455	Balancing Work and Family	3
FACS 499	Family and Consumer Sciences Internship	3
<b>Concentration Courses (24 hrs)</b>		
FACS 222	Design and Construction I for Apparel	3
FACS 225	Introduction to the Fashion Industry	3
FACS 322	Design and Construction II for Apparel	3
FACS 329	Fashion and Textile Design with Computers	3
FACS 420	Apparel Illustration and Design	3
FACS 422	Draping for Apparel Design	3
FACS 429	History of Costume	3
FACS ___		3
<b>Directed Courses (Required) (22-28 hrs)</b>		
CHEM 105	Elements of General Chemistry	4
ECON 214	Principles of Macroeconomics*	3
PSYC 210	Developmental Psychology*	3
ARTS 211	Drawing I	3
ACCT 211	Principles of Accounting I	3
BUSI 301	Business Law	3
BUSI 310	Principles of Management	3
BUSI 472	Organizational Ethics	3
<b>Choose one of the following:</b> 3		
BUSI 303	International Business	3
BUSI 330	Principles of Marketing	3
<b>Free Electives (0-3 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 122 minimum; at least 41 hours must be 300-400 level.		

**Family and Consumer Sciences Minors**

<b>Family and Consumer Sciences Minor</b>		
<b>Clothing and Textiles (15 hrs)</b>		
FACS 222	Design and Construction I for Apparel	3
FACS 225	Introduction to the Fashion Industry	3
FACS 320	Textiles: Fibers and Fabrics	3
<b>Choose two courses (6 hrs) from the following:</b> 6		
FACS 325	Psycho-Social Aspects of Clothing	
FACS 423	Fashion Promotion and Visual Merchandising	
FACS 322	Design and Construction II for Apparel	
FACS 429	History of Costume	

<b>Family and Consumer Sciences Minor</b>		
<b>Family and Child Development (15 hrs)</b>		
FACS 205	Development of Contemporary Families	3
FACS 370	Parenting	3
FACS 475	Families Under Stress	3
<b>Choose two courses (6 hrs) from the following:</b> 6		
FACS 260	Early Childhood Education	
FACS 365	Daycare Administration	
FACS 455	Balancing Work and Family	
PSYC 361	Marriage and Family	

<b>Family and Consumer Sciences Minor</b>		
<b>Foods and Nutrition (15 hrs)</b>		
FACS 130	Introduction to Food Safety and Hospitality	3
FACS 230	Food Science and Management	3
FACS 335	Food and Culture	3

<b>Choose two courses (6 hrs) from:</b>	6
FACS 330 / <i>Human Nutrition</i>	
HLTH 330	
FACS 430 <i>Gourmet Foods</i>	
FACS 435 <i>Event Catering</i>	
FACS <i>Food/Nutrition Electives</i>	

<b>Family and Consumer Sciences Minor</b>	
<b>General (16 hrs)</b>	
FACS 103 <i>Introduction to Family and Consumer Sciences</i>	1
FACS 130 <i>Introduction to Food Safety and Hospitality</i>	3
FACS 205 <i>Development of Contemporary Families</i>	3
FACS 340 <i>Housing: Consumer and Community</i>	3
FACS 221 <i>Design and Construction I for Interiors OR</i>	3
FACS 222 <i>Design and Construction I for Apparel</i>	3
<b>Choose one course (3 hrs) from the following:</b>	3
FACS 225 <i>Introduction to the Fashion Industry</i>	
FACS 230 <i>Food Science and Management</i>	
FACS 325 <i>Psycho-Social Aspects of Clothing</i>	
FACS 350 <i>Family Economic Decisions</i>	
FACS 455 <i>Balancing Work and Family</i>	

Investment Firms	Public Policy Director
Diplomat	Records and Information Manager
Genealogist	Research Assistant
Historian for Government Agencies	Research/Reference Librarian
Historian for Business Corporations	Researcher/Writer for Historical Films
Historical Editor	Researcher/Writer for Media
Historical Preservationist	Social Scientist
Information Consultant	Teacher
Lawyer	

### History Major (B.A. and B.S.)

#### PURPOSE

The purpose of the History major is to provide students with a breadth of understanding of U.S., European, and World History.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate mastery of a breadth of general knowledge of the field of history.
2. Apply biblical principles to the problems and issues of history.
3. Research historical topics and critically analyze historical literature, documents and data with historiographical and interpretative sophistication.
4. Convey and analyze ideas in writing.
5. Evaluate the significance of world societies and cultures.

## Department of History

### Carey Roberts, B.A., M.A., Ph.D.

Associate Dean, College of Arts & Sciences

Chair, Department of History

Professor of History

### Samuel C. Smith, B.A., M.A., Ph.D.

Associate Chair, Department of History

Director, Graduate Program History

Professor of History

#### PURPOSE

The History Department is committed to teaching and training students toward a Christian worldview of history. Offering general education courses, major programs and graduate courses, the Department provides comprehensive instruction in history and historical methodology, encourages students to develop an integrated Christian worldview and an appreciation for America's cultural distinctives, equips them for service, and prepares them for further education and careers.

#### PHI ALPHA THETA HONOR SOCIETY

Advisor: Dr. David Snead

Phi Alpha Theta is dedicated to recognizing and encouraging excellence in the study of history. Chapter activities provide members with opportunities for sharing and advancing their professional interests. Lectures and field trips are designed to awaken historical interest, and to promote interaction between students and faculty. An annual regional meeting builds rapport with chapters at neighboring institutions.

**Criteria for membership:** An undergraduate student must have completed at least twelve semester hours in history with a grade in all history courses averaging at least a 3.10 and must have a general average of at least a 3.00 in all classes.

#### Career Opportunities

Archaeologist	Market Researcher
Architectural Historian	Museum Curatorship
Archival Management	Oral Historian
Bibliographer	Manager of Historical Societies
Data Processor for	

### Programs of Study

#### History Major (B.A.)

**General Education: Core Competency Requirements (52-59 hrs)**

**Liberal Arts Focus: 18 hrs**

**Courses in the Major (39 hrs)**

**Core Courses (12 hrs)**

HIUS 221 <i>Survey of American History I</i>	3
HIUS 222 <i>Survey of American History II</i>	3
HIST 300 <i>Historical Methodology</i>	3
HIST 491 <i>Senior Capstone Seminar</i>	3

**Concentration: History (27 hrs)**

All History courses must be upper level. <sup>1</sup> At least one course is to be selected from each of 5 clusters: Early Europe, Modern Europe, U.S. before 1865, U.S. since 1865, and World History

HIST 490 <i>Senior Research Seminar</i>	3
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**Directed Courses (Required) (9 hrs)**

GEOG 200 <i>Introduction to Geography</i>	3
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**Choose two courses (6 hrs) from the following:**

BUSI 303 <i>International Business</i>	3
ECON 110 <i>Survey of Economics</i>	3
ECON 213 <i>Principles of Microeconomics</i>	3
ECON 214 <i>Principles of Macroeconomics</i>	3
GEOG 320 <i>Regional Studies in Geography</i>	3
GOVT 220 <i>American Government</i>	3

**Free Electives (0-4 hrs) [3 hrs must be upper-level]**

<sup>1</sup>At least one course to be selected from each of the five clusters: Early Europe, Modern Europe, United States before 1865, United States after 1865, and World History.

**TOTAL HOURS:** 122 hours minimum required; 42 hours must be 300-400 level.

<b>History Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (39 hrs)</b>	
<b>Core Courses (12 hrs)</b>	
HIUS 221	Survey of American History I 3
HIUS 222	Survey of American History II 3
HIST 300	Historical Methodology 3
HIST 491	Senior Capstone Seminar 3
<b>Concentration: History (27 hrs)</b>	
(All History courses must be upper level) <sup>1</sup>	
<b>Directed Courses (Required) (6-9 hrs)</b>	
HIEU 202	History of Western Civilization II 3
<b>Choose two courses (6 hrs) from the following:</b>	
ECON 110	Survey of Economics* 3
ECON 213	Principles of Microeconomics* 3
ECON 214	Principles of Macroeconomics* 3
GOVT 220	American Government* 3
GEOG 320	Regional Studies in Geography 3
<b>Free Electives (10-17 hrs) [9 hours must be upper-level]</b>	
<sup>1</sup> At least one course to be selected from each of the five clusters: Early Europe, Modern Europe, United States before 1865, United States after 1865, and World History.	
*Approved General Education courses may be counted in Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; 42 hours must be 300-400 level.	

### Social Sciences Major (B.S.)

#### PURPOSE

The Social Sciences major is designed to have a core in history with additional coursework in geography, government, and economics.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Evaluate how various factors have influenced the development of history and civilization.
2. Apply biblical principles to the problems and issues of history.
3. Demonstrate mastery of a breadth of general knowledge of the field of history.
4. Convey and analyze ideas in writing.
5. Evaluate the significance of world societies and cultures.

#### TEACHER LICENSURE

Teacher preparation and endorsement in social studies is available through the Department of History in cooperation with the Teacher Education Department. Those wishing to pursue teaching-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at <http://www.liberty.edu/uguide>. All teacher licensure programs have been approved by the National Council for Accreditation of Teacher Education (NCATE).

### Programs of Study

<b>Social Sciences Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (45 hrs)</b>	
<b>History Requirements (15 hrs)</b>	
HIUS 221	Survey of American History I 3
HIUS 222	Survey of American History II 3
HIWD 370	Comparative Civilizations 3
HIST 300	Historical Methodology 3
HIST 491	Senior Capstone Seminar 3

<b>History Cluster Courses<sup>1</sup> (15 hrs)</b>	
One upper level course selected from each of the five clusters: Early Europe, Modern Europe, U.S. before 1865, U.S. since 1865, and World History	
<b>Social Sciences Requirements (15 hrs)</b>	
GOVT 220	American Government 3
GOVT	Elective (upper level) 3
ECON 213	Principles of Microeconomics 3
GEOG 200	Introduction to Geography 3
GEOG	Elective (300-400 level) 3
<b>Directed Courses (Required) (0-9 hrs)</b>	
GOVT 200	Constitutional Government and Free Enterprise* 3
HIEU 201	History of Western Civilization I* 3
HIEU 202	History of Western Civilization II* 3
<b>Free Electives (10-17 hrs) [9 hrs must be upper level]</b>	
<sup>1</sup> One upper-level course selected from the five clusters: Early Europe, Modern Europe, United States before 1865, United States since 1865, and World History.	
* Approved General Education courses may be counted in Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; 39 hours must be 300-400 level.	

### Social Sciences Major (B.S.)

#### Teacher Licensure Requirements (Grades 6-12)

<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (39 hrs)</b>	
<b>History Requirements (9 hrs)</b>	
HIUS 221	Survey of American History I 3
HIUS 222	Survey of American History II 3
HIST 300	Historical Methodology 3
<b>History Cluster Courses (15 hrs)</b>	
One upper-level course selected from the five clusters: Early Europe, Modern Europe, United States before 1865, United States since 1865 (HIWD 370 satisfies requirement for World History)	
	Upper level elective 12
HIWD 370	Comparative Civilization 3
<b>Social Sciences Requirements (15 hrs)</b>	
GOVT 220	American Government 3
GOVT	Elective (upper level) 3
ECON 213	Principles of Microeconomics 3
GEOG 200	Introduction to Geography 3
GEOG	Elective (300-400 level) 3
<b>Directed Courses (Required) (3-12 hrs)*</b>	
HIEU 201	History of Western Civilization I 3
HIEU 202	History of Western Civilization II 3
PSYC 210	Developmental Psychology 3
GOVT 200	Constitutional Government and Free Enterprise 3
<b>Teacher Licensure Requirements (31 hrs)</b>	
EDUC 125	Introduction to Education 1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning 2
EDUC 235	Content Instructional Design / Practicum 1/2
/236	
EDUC 240	Technology Practicum 2
EDUC 360	Foundations of Education 2
EDUC 425	Content Measurement and Evaluation 3
EDUC 435	Content Curriculum Fundamentals / Practicum 2/1
/436	
HIST 419	Secondary Social Studies Teaching Methods/Practicum 2/1
/420	
<b>Professional Semester</b>	
EDUC 475	Seminar in Classroom Management 2
EDUC 476	Student Teaching I 5
EDUC 477	Student Teaching II 5
*Approved General Education courses may be counted in Core Competency Requirements.	
<b>TOTAL HOURS:</b> 131 hours minimum required; 47 hours must be 300-400 level.	

## History Minor

### History Minor (18 hrs)

<b>Choose three courses (9 hrs) from:</b>		9
HIUS 221	<i>Survey of American History I</i>	
HIUS 222	<i>Survey of American History II</i>	
HIEU 201	<i>History of Western Civilization I</i>	
HIEU 202	<i>History of Western Civilization II</i>	
HIEU/HIST/HIUS/HIWD	<i>Electives (300-400 level)</i>	9

## International Studies Minor

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Identify major civilizations from ancient times to the present, including geographical, chronological, and cultural distinctive positions.
2. Apply Biblical principles to the understanding of world civilizations.

### International Studies Minor (18 hrs)

HIEU 201	<i>History of Western Civilization I</i>	3
HIEU 202	<i>History of Western Civilization II</i>	3
HIWD 370	<i>Comparative Civilizations</i>	3
<b>Choose three courses (9 hrs) from:</b>		9
HIEU 390	<i>Modern Europe</i>	
HIUS 470	<i>American Foreign Relations Since 1776</i>	
HIWD 320	<i>History of Africa</i>	
HIWD 341	<i>Modern Islamic Civilization</i>	
HIWD 350	<i>East Asian Civilization</i>	
HIWD 372	<i>Latin American Civilization: National Period</i>	
HIWD 375	<i>Korean and Vietnam Wars</i>	

## Military History Minor

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Explain how a variety of issues including political, economic, diplomatic, and cultural factors influenced American and world military development since 1900.
2. Apply Biblical principles in making interpretations of American and world military history.

### Military History Minor (18 hrs)

HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIUS 380	<i>Modern American Military History</i>	3
<b>Choose three courses (9 hrs) from:</b>		9
HIEU 425	<i>French Revolution and Napoleonic Era</i>	
HIEU 455	<i>World War II</i>	
HIUS 312	<i>Era of the American Revolution</i>	
HIUS 420	<i>Civil War and Reconstruction</i>	
HIUS 470	<i>American Foreign Relations Since 1776</i>	
HIWD 375	<i>Korean and Vietnam Wars</i>	

## Department of Mathematics

**Robert B. Young, Jr., B.S., M.S.**

*Chair, Department of Mathematics*

*Associate Professor of Mathematics*

**Timothy Van Voorhis, B.S., M.S., Ph.D.**

*Associate Chair, Department of Mathematics*

*Associate Professor of Mathematics*

## PURPOSE

The Department of Mathematics plans, develops and maintains quality bachelor degree programs that comply with regional accreditation standards. The Department of Mathematics also seeks to maintain efficient, cost effective strategies in the administration and delivery of its degree programs.

The Department of Mathematics offers a major and minor in mathematics. In addition, courses for general education credit are offered in physical science and physics, as well as mathematics. The purpose of the department is to provide:

1. General education courses and support courses for all students, resident and non-resident;
2. Education in both the theory and applications of the mathematical sciences for its majors;
3. An appreciation of the importance of the role the mathematical sciences play in society; and
4. Experience in the use of a Computer Algebra System (CAS) in a laboratory setting.

## KAPPA MU EPSILON HONOR SOCIETY

**Advisor: Professor Robert Young**

Kappa Mu Epsilon (KME) is a specialized honor society in Mathematics. Each chapter is encouraged to be a working organization throughout the academic year, functioning as an integral part of the mathematics department in the promotion of a number of worthwhile extra-curricular activities. The objective of KME since its inception has been the fulfillment of its motto which is to "develop an appreciation for the beauty of mathematics." The purposes of KME are to further the interests of mathematics in those schools which place their primary emphasis on the undergraduate program and to recognize and honor outstanding scholastic achievement among undergraduate students in mathematics.

The criteria for membership are as follows:

1. Must be or have been a faculty member or a regularly enrolled student at an institution where a Kappa Mu Epsilon chapter is installed;
2. Must have completed at least three semesters (or five quarters) of the college course and rank in the upper 35% of his/her class;
3. Must have completed at least three college courses in mathematics including at least one semester (or two quarters) of calculus and attained an average of "B" or better in all mathematics courses; and
4. Must have completed at least one semester (one quarter) at the institution, or must have transferred from another institution, and have completed at least one mathematics course with a "B" or better at the institution prior to his/her induction into membership.

Election to membership shall be irrespective of membership in any other organization, and no person shall be excluded on the grounds of sex, race, creed, or color.

## Career Opportunities

### Graduate School

Mathematics	Sciences (medical and non-medical)
Statistics	Computer Science
Actuarial Science	Finance/Economics
Applied Mathematics	

### Job Market

Any industry requiring problem solving and computer use	
Computer Science	Operations Research
Data Processing	Financial and Insurance Industries
Engineering	

### Teaching

Private Schools	Public Schools
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## Mathematics Major (B.S.)

### PURPOSE

The purpose of the mathematics major is to present the basic concepts and methods in modern mathematics, to develop the student's ability to think critically using the axiomatic method, and to apply these ideas to other disciplines. This major provides the mathematical background for students preparing for (1) certification in secondary education; (2) graduate study in a mathematical discipline; (3) a career in an area using mathematics, such as engineering, economics, statistics, or actuarial science.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Solve problems using the appropriate mathematical expertise.
2. Use abstract reasoning to rigorously evaluate mathematical hypothesis, and formulate and communicate mathematical analysis and arguments.
3. Critically analyze and investigate complex phenomena of the physical and/or socio-economic worlds by representing these problems mathematically.
4. Articulate how a biblical/Christian worldview informs one's vocation and professional practices.
5. Use appropriate technology to solve practical problems, access mathematical information, and develop mathematical insight.

### TEACHER LICENSURE

Teacher preparation and endorsements in mathematics are available through the Department of Mathematics. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. The Department is NCATE accredited for teacher education. Licensure information is also available at <http://www.liberty.edu/uguide>.

### Programs of Study

Mathematics Major (B.S.)		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (41 hrs)</b>		
MATH 131	<i>Calculus and Analytic Geometry I</i>	4
MATH 132	<i>Calculus and Analytic Geometry II</i>	4
MATH 133	<i>Calculus with Mathematical Lab</i>	1
MATH 200	<i>Introduction to Mathematical Reasoning</i>	3
MATH 211	<i>Introduction to Statistical Analysis</i>	3
MATH 231	<i>Calculus and Analytic Geometry III</i>	4
MATH 321	<i>Linear Algebra</i>	3
MATH 421	<i>Elementary Abstract Algebra I</i>	3
MATH 431	<i>Real Analysis</i>	3
MATH	Elective (300-400 level)	3
MATH 450	<i>Math Capstone Seminar</i>	1
MATH	<b>Choose one course from:</b>	3
	MATH 305, 332 or 334	
MATH	<b>Choose one course from:</b>	3
	MATH 307, 331 or 422	
MATH	<b>Choose one course from:</b>	3
	MATH 301, 302, 350, 352 or 401	
<b>Directed Courses (Required) (2-14 hrs)</b>		
CSCI 110	<i>Computing Foundations and Ethics*</i>	3
CSCI 111	<i>Introduction to Programming*</i>	3
PHYS 231	<i>University Physics I*</i>	4
PHYS 232	<i>University Physics II*</i>	4
<b>Free Electives (12-19 hrs) [11 hrs must be upper level]</b>		
NOTE: MATH 401 or 422 must be part of the degree program		

\*Approved General Education courses may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum required; 33 hours must be 300-400 level.

## Mathematics Major (B.S.)

### ACTUARIAL COGNATE

**General Education: Core Competency Requirements (58-65 hrs)**

**Courses in the Major (41hrs)**

MATH 131	<i>Calculus and Analytic Geometry I</i>	4
MATH 132	<i>Calculus and Analytic Geometry II</i>	4
MATH 133	<i>Calculus with Mathematical Lab</i>	1
MATH 200	<i>Introduction to Mathematical Reasoning</i>	3
MATH 211	<i>Introduction to Statistical Analysis</i>	3
MATH 231	<i>Calculus and Analytic Geometry III</i>	4
MATH 321	<i>Linear Algebra</i>	3
MATH 421	<i>Elementary Abstract Algebra I</i>	3
MATH 431	<i>Real Analysis</i>	3
MATH 450	<i>Math Capstone Seminar</i>	1
<b>ACTUARIAL COGNATE COURSES (12 hrs)</b>		
MATH 301	<i>Methods of Operations Research</i>	3
MATH 302	<i>Introduction to Experimental Design in Statistics</i>	3
MATH 334	<i>Differential Equations</i>	3
MATH 401	<i>Introduction to Mathematical Statistics</i>	3
<b>Directed Courses (Required) (35-47 hrs)*</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BUSI 201	<i>Intermediate Business Computer Applications*</i>	3
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 405	<i>Business and Economic Forecasting</i>	3
BUSI 420	<i>Investments</i>	3
BUSI 421	<i>Insurance Planning/Risk Management/Employee Benefits</i>	3
CSCI 110	<i>Computing Foundations and Ethics*</i>	3
ECON 213	<i>Principles of Microeconomics*</i>	3
ECON 214	<i>Principles of Macroeconomics*</i>	3
PHYS 231	<i>University Physics I*</i>	4
PHYS 232	<i>University Physics II*</i>	4

\*Approved General Education courses may be counted in the Core Competency Requirements

**TOTAL HOURS:** 134 hours minimum required; 40 hours must be 300-400 level.

## B.S. Mathematics

### Teacher Licensure Requirements (Grades 6 – 12)

**General Education: Core Competency Requirements (58-65 hrs)**

**Courses in the Major (41 hrs)**

MATH 131	<i>Calculus and Analytic Geometry I</i>	4
MATH 132	<i>Calculus and Analytic Geometry II</i>	4
MATH 133	<i>Calculus with Mathematica Lab</i>	1
MATH 200	<i>Introduction to Mathematical Reasoning</i>	3
MATH 211	<i>Introduction to Statistical Analysis</i>	3
MATH 231	<i>Calculus and Analytic Geometry III</i>	4
MATH 305	<i>Modern Geometry</i>	3
MATH 321	<i>Linear Algebra</i>	3
MATH 400	<i>History of Mathematics</i>	3
MATH 421	<i>Elementary Abstract Algebra I</i>	3
MATH 431	<i>Real Analysis</i>	3
MATH 450	<i>Math Capstone Seminar</i>	1
MATH	<b>Choose one course from:</b>	3
	MATH 307, 331 or 422	

<b>Choose one course from:</b>		
MATH	MATH 301, 302, 350, 352 or 401	3
<b>Directed Courses (Required) (2-17 hrs)</b>		
CSCI 110	<i>Computing Foundations and Ethics*</i>	3
CSCI 111	<i>Introduction to Programming*</i>	3
PHYS 231	<i>University Physics I*</i>	4
PHYS 232	<i>University Physics II*</i>	4
PSYC 210	<i>Developmental Psychology*</i>	3
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235/ 236	<i>Content Instructional Design / Practicum</i>	1/2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Content Measurement and Evaluation</i>	3
EDUC 435/ 436	<i>Content Curriculum Fundamentals/Practicum</i>	2/1
MATH 419/ 420	<i>Teaching Mathematics in Secondary Schools / Practicum</i>	2/1
<b>Professional Semester</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
*These are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 132 hours minimum required; 45 hours must be 300-400 level.		

**Mathematics Minor**

<b>Mathematics Minor (24-25 hrs)</b>		
MATH 131	<i>Calculus and Analytic Geometry I</i>	4
MATH 132	<i>Calculus and Analytic Geometry II</i>	4
MATH 133	<i>Calculus with Mathematica Lab</i>	1
MATH 200	<i>Introduction to Mathematical Reasoning</i>	3
MATH 211	<i>Introduction to Statistical Analysis</i>	3
MATH Electives		9-10
	MATH 221 and 6 hours 300-400 level courses	
	OR MATH 231 and 6 hours 300-400 level courses	
	OR 9 hours 300-400 level courses	
Note: MATH 400, <i>History of Mathematics</i> , will not be used to fulfill Mathematics Minor requirements.		

**Department of Philosophy**

**Gary R. Habermas, B.R.E., M.A., Ph.D.**  
 Chair, Department of Philosophy  
 Distinguished Research Professor of Apologetics and Philosophy

**Edward N. Martin, B.A., M.A., Ph.D.**  
 Co-Chair, Department of Philosophy  
 Director, Master of Arts in Philosophical Studies  
 Professor of Philosophy and Theology

**PURPOSE**

The B.A. in Philosophy equips the student with critical skills, knowledge, and values to positively impact today's world. Philosophy majors rank highest among non-science majors on the GRE exam, and rank first amongst all majors in the verbal section. This may be in part because of Philosophy's central emphasis on: 1) studying some of history's most articulate and clearly expressed *models* of communication; 2) developing one's personal style and skills of written and verbal communication based on those classical and contemporary *models*; 3) fostering a deepening love for the

Lord, who is Himself "The Word"—God's clear communication of Himself for us and our salvation; 4) applying problem-solving skills to life's greatest *theoretical* and *practical* questions we are uniquely positioned in God's creative order to know about, ponder, and begin to answer (amidst the explosion of knowledge and the haunt of technology); 5) evaluating and critiquing various arguments and diverse positions by the best minds—both believers and non-believers; and 6) doing each of the above alongside caring, compassionate faculty specially trained to produce Philosophers to change our world for Christ's Kingdom here, now, today.

C. S. Lewis famously stated that the world needs *good philosophy*, if for no other reason, to answer bad philosophy. Our philosophy is Christ-centered, our God is "the true God, and eternal life" (I John 5:20), and our message must be clear: we seek to provide our communities, our churches, and our world with men and women *on fire* for the Truth of the Word of God, the *only hope in a hopeless world!* We seek to train philosophically-able Champions for Christ who, "with gentleness and respect" (I Pet 3:16), can "demolish arguments and every pretention that sets itself up against the knowledge of God, and...take captive every thought to make it obedient to Christ." (II Cor 10:5) The Christian worldview is the most powerfully compelling and best explanation for all the phenomena of which humans are aware. But, so often, as G. K. Chesterton quipped, it is not that Christianity has been tried and found wanting; rather, it has been found difficult and so often left untried. We want our students to know not only *what* they believe, but *why* they believe it. So, we are devoted to producing men and women who acknowledge not only that *Jesus is Lord*, but that, as Dallas Willard remarks, *Jesus is brilliant*. For in Him "are hidden all the treasures of wisdom and knowledge." (Col. 2:3) The program focuses on the classical philosophical areas of study, including metaphysics, epistemology, logic, aesthetics, ethics, and philosophy of religion, and provides a strong, impactful foundation for living as an agent of Christ-honoring, Christ-centered cultural and spiritual transformation in our world. For those interested to seek further studies in many diverse fields at the graduate level, the Philosophy major provides an excellent basis for further studies in seminary, law, the humanities and the sciences. Majoring in Philosophy is not only exemplary preparation for ministry, but also serves as a great grounding for graduate studies in English, theology, leadership or management, business, counseling, History, politics, law, philosophy, and a full range of other related fields (such as philology, ancient or modern languages, mathematics, linguistics, art history, journalism, government, etc.).

**PHI SIGMA TAU – INTERNATIONAL HONOR SOCIETY IN PHILOSOPHY**

**Advisor: Dr. Thomas A. Provenzola**

PHI SIGMA TAU has as its essential purpose to promote ties among philosophy departments in accredited institutions and students in philosophy nationally. The Society exists with the following objectives: (1) to serve as a means of awarding distinction to students having high scholarship and personal interest in philosophy; (2) to promote student interest in research and advance study in this field; (3) to provide opportunities for the publication of student research papers of merit; (4) to encourage a professional spirit and friendship among those who have displayed marked ability in this field; and (5) to popularize interest in philosophy among the general collegiate public. The Society sponsors several colloquia and conferences, on both a local and national level, throughout the academic year.

**Criteria for Membership:**

Undergraduate students are eligible for active membership if they have completed three semesters of college course work, are ranked in the upper 35% of their class, and have completed (or are registered in) at least two semester courses (six credit hours) in philosophy with a mean overall grade which is greater than a 3.00.

Graduate members are eligible if they (a) meet the requirements for undergraduates, or (b) have completed at least one third of the residence requirements of the Master's Degree with a mean grade of 3.50.

**Career Opportunities**

Education/Teaching	Law
Pastor	Counseling
Campus/Parachurch Ministry	Computer Science
Hospital Ethicist	Information Technology
Publishing/Journalism	Leadership and Management
Government	Administration
Human Rights Advocate	Apologist
Theologian	Cultural Commentator
Classical Christian School	Business Entrepreneur
Teacher (esp. Logic)	Christian Educator

**Philosophy Major (B.A.)**

**PURPOSE**

The major in Philosophy is designed to provide a thorough, biblically based, cognitive and spiritual foundation for effective ministry and advanced studies in Philosophy, Law, Apologetics, Theology, and a wide diversity of related areas of study. For over two millennia, Philosophy has been recognized as one of the leading "liberal arts" available to teach and train the soul to become wise and prepared for service to God and neighbor, since the study of Philosophy has as its goal the development of the person in all those areas that constitute human flourishing and maturity. The Apostle Paul speaks of these areas together, constituting for the Christian believer what we normally call "spiritual growth," as seen, e.g., in the five or six recognizable areas of requirements for elders in the church (cf. I Tim 3, Titus 1), namely, intellectual, moral, social, psychological, physical and emotional development of the cardinal virtues (wisdom, justice, courage, temperance) and Christian virtues (faith, hope and love).

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Conduct research using primary and secondary sources in an informed and critical way.
2. Evaluate the central concepts and arguments in the history of Western Philosophy.
3. Compare and contrast Christian and non-Christian theories of reality, knowledge, and value.
4. Defend a philosophically informed worldview.

**Program of Study**

<b>Philosophy Major (B.A.)</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus: 18 hours</b>	
<b>Courses in the Major (36 hrs)</b>	
PHIL 210	Logic 3
PHIL 240	Christian Evidences 3
PHIL 301	History of Philosophy I 3
PHIL 302	History of Philosophy II 3
PHIL 303	History of Philosophy III 3
PHIL 310	Symbolic Logic 3
PHIL 350	Ethics 3
PHIL 420	Epistemology 3
PHIL 430	Metaphysics 3
PHIL 440	Philosophy of Religion 3
PHIL 4__	400 level 3
PHIL 497	Philosophy Seminar 3
<b>Directed Courses (Required) (6 hrs)</b>	
CHHI 301	History of the Christian Church I 3
CHHI 302	History of the Christian Church II 3
<b>Free Electives (1-8 hrs)</b>	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.	

**Philosophy Minor**

<b>Philosophy Minor (15 hrs)</b>	
<b>Choose one of the following courses:</b>	
PHIL 301	History of Philosophy I – OR – 3
PHIL 302	History of Philosophy II – OR –
PHIL 303	History of Philosophy III
PHIL Electives	12
(9 hours 300-400 level)	



# College of Arts & Sciences – Online Program

## History Major (B.S.)

### PURPOSE

The purpose of the History major is to provide students with a breadth of understanding of U.S., European, and World History.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate mastery of a breadth of general knowledge of the field of history.
2. Apply biblical principles to the problems and issues of history.
3. Research historical topics and critically analyze historical literature, documents and data with historiographical and interpretative sophistication.
4. Convey and analyze ideas in writing.
5. Evaluate the significance of world societies and cultures.

## Programs of Study

History Major (B.S.)	
<b>General Education: Core Competency Requirements (36 hrs)</b>	
<b>Skills and Knowledge (9 hrs)</b>	
<b>Major Core (42 hrs)</b>	
HIEU 202	<i>History of Western Civilization II</i> 3
HIEU 322	<i>Roman Civilization</i> 3
HIEU 390	<i>Modern Europe – OR</i> 3
HIEU 425	<i>The French Revolution and the Napoleonic Era</i>
HIST 300	<i>Historical Methodology</i> 3
HIST 491	<i>Senior Capstone Seminar</i> 3
HIUS 221	<i>Survey of American History I</i> 3
HIUS 222	<i>Survey of American History II</i> 3
HIUS 360	<i>American Economic History – OR</i>
HIUS 380	<i>Modern American Military History</i>
HIUS 420	<i>Civil War and Reconstruction</i> 3
<b>Choose one of the following courses:</b> 3	
HIWD 320	<i>History of Africa</i>
HIWD 370	<i>Comparative Civilization</i>
HIWD 375	<i>Korean and Vietnam Wars</i>
<b>Choose an upper –level course from the following disciplines not already required in the Core:</b> 12	
HIEU, HIST, HIUS, or HIWD	
<b>Electives (33 hrs)</b>	
TOTAL HOURS: 120 hours minimum required; 30 hours must be upper-level.	

## History Minor

History Minor (18 hrs)	
<b>Choose three 300-400 level courses from the following disciplines:</b> 9	
HIEU, HIST, HIUS, or HIWD	
<b>Choose three courses from:</b> 9	
HIUS 221	<i>Survey of American History I</i>
HIUS 222	<i>Survey of American History II</i>
HIEU 201	<i>History of Western Civilization I</i>
HIEU 202	<i>History of Western Civilization II</i>

## International Studies Minor

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Identify major civilizations from ancient times to the present, including geographical, chronological, and cultural distinctive positions.
2. Apply Biblical principles to the understanding of world civilizations.

International Studies Minor (18 hrs)		
HIEU 201	<i>History of Western Civilization I</i>	3
HIEU 202	<i>History of Western Civilization II</i>	3
HIWD 370	<i>Comparative Civilizations</i>	3
<b>Choose three courses (9 hrs) from:</b>		9
HIEU 390	<i>Modern Europe</i>	
HIUS 470	<i>American Foreign Relations Since 1776</i>	
HIWD 320	<i>History of Africa</i>	
HIWD 341	<i>Modern Islamic Civilization</i>	
HIWD 350	<i>East Asian Civilization</i>	
HIWD 372	<i>Latin American Civilization: National Period</i>	
HIWD 375	<i>Korean and Vietnam Wars</i>	

## Military History Minor

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Explain how a variety of issues including political, economic, diplomatic, and cultural factors influenced American and world military development since 1900.
2. Apply Biblical principles in making interpretations of American and world military history.

Military History Minor (18 hrs)		
HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIUS 380	<i>Modern American Military History</i>	3
<b>Choose three courses (9 hrs) from:</b>		9
HIEU 425	<i>French Revolution and Napoleonic Era</i>	
HIEU 455	<i>World War II</i>	
HIUS 312	<i>Era of the American Revolution</i>	
HIUS 420	<i>Civil War and Reconstruction</i>	
HIUS 470	<i>American Foreign Relations Since 1776</i>	
HIWD 375	<i>Korean and Vietnam Wars</i>	

# College of General Studies

## Administration

**Emily Heady, B.A., M.A., Ph.D.**

Dean, College of General Studies  
Professor of English

**Bruce Bell, B.A., M.A., Ph.D.**

Associate Dean, College of General Studies  
Professor of Business and Communication

**Wayne Patton, B.A., M.A.R., M.Div.**

Associate Dean, College of General Studies  
Assistant Professor of Religion

**Yaw Adu-Gyamfi, B.A., M.A., Ph.D.**

Chair, College of General Studies  
Professor of English

**Cynthia Bunker, B.S., D.V.M.**

Chair, College of General Studies  
Professor of Biology

**Brad Burgess, B.S., A.A.S., M.B.A., M.A.R.**

Chair, College of General Studies  
Assistant Professor of Religion

**Monica J. Hardin, B.S.Ed., M.A., Ph.D.**

Chair, College of General Studies  
Assistant Professor of History

**Cynthia Perry, B.A., M.S.**

Chair, College of General Studies  
Instructor of Mathematics

**Carolyn Towles, B.S., M.Ed.**

Chair, College of General Studies  
Assistant Professor of English

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaID=22> where faculty can be searched for by Department.

## PURPOSE

The College of General Studies (CGS) was founded in 2011 to organize and deliver general education coursework to the University's freshman- and sophomore-level students. CGS offers courses in areas such as English, technology, humanities/fine arts, natural science, mathematics, and social/behavioral sciences, and has a dedicated faculty who focus on delivering innovative and effective education to their students.

## GOALS

The College of General Studies' goals include:

1. Enriching the freshman and sophomore experience in the classroom through a rigorous and coherent sequence of courses;
2. Increasing student success through programs such as freshman learning communities and pedagogical innovations; and
3. Supporting students' learning with easy access to academic services.

In addition, the College of General Studies spearheads University instruction and assessment efforts in relation to core competencies such as communication and critical thinking.

## General Education Guidelines

The general education component is tailored to the individual degree program by drawing from the University's approved general education course options. The institution requires in each

undergraduate degree program the successful completion of a general education component at the collegiate level that:

1. is a substantial component of each undergraduate degree;
2. ensures breadth of knowledge; and
3. is based on a coherent rationale.

For degree completion in associate programs, the component constitutes a minimum of 15 semester hours or the equivalent. For baccalaureate programs, the component constitutes a minimum of 30 semester hours or the equivalent. These credit hours must include at least one course from each of the following areas.

1. humanities/fine arts (HFA);
2. social/behavioral sciences (SBS); and
3. natural science/mathematics (NSM).

A complete listing of approved courses is displayed in the "Approved Residential General Education and Integrative Courses" and the "Approved General Education Courses for Online Programs" sections. The courses do not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession. The institution provides a written justification and rationale for course equivalency.

## Rules/Principles for Approval of General Education Courses

1. Required General Education courses must be general;
  - a. General education courses must be open to students of all majors, without heavy loads of prerequisite requirements
  - b. Courses must not be reducible to a narrow or focused skill (e.g. guitar lessons cannot substitute for Music Appreciation)
  - c. Courses must contribute to preparing students for a breadth of degree programs/careers
2. General Education courses contribute to the University's plan to ensure that students satisfy certain Core Competencies.
3. In the event that a 300- or 400- level course is required to fulfill a requirement as a general education course, it must not be considered part of any major/program requirements (directed electives are acceptable, however).

## Information Technology

### PURPOSE

Information Technology (INFT) is designed to assist students in developing and demonstrating foundational technology competency and proficiency that will lead to success in their college program coursework and future careers. All incoming residential students, both freshmen and transfer, have the option to take an assessment in Information Technology their first semester to determine basic competency. The Information Technology assessment covers areas in Microsoft® Office: Word, Excel, Power Point, and Outlook, as well as file management and basic computer concepts.

The competency requirements may be met by either passing the assessments or taking a course, INFT 110 (*Computer Concepts and Applications*). In addition, students may complete a combination of assessments and coursework (INFT 102, 103, and/or 104) to fulfill the competency requirements. Online students develop their technology skills by other varied means, and online students beginning at Liberty complete INFT 101 (*Instructional Technology for Online Learning*) to assure technological competency.

## General Education Requirements for Residential Programs

The College of General Studies oversees the majority of courses included in the University's General Education

Requirements, which were adopted in 1990 by the faculty of Liberty University for all baccalaureate degree students. While the list of courses that comprise the general education core remains largely unchanged, the arrangement of courses now reflects the University's commitment to develop core competencies in undergraduate students. The goal is to ensure that all undergraduate students demonstrate college-level knowledge and skills that prepare them both to fulfill the specific requirements of their individual college/school and major fields of study and to translate their learning into a variety of career contexts. An undergraduate curriculum of required basic General Education courses serves as a foundation for later specialization.

**CORE COMPETENCIES, DEFINITIONS, AND OUTCOMES**

**Communication:** The ability to elicit, synthesize, and respond clearly to quality information in an effective, correct, and appropriate format.

**Learning Outcomes**

1. Produce well-structured, grammatically sound writing in various modes of discourse.
2. Communicate with clarity.
3. Recognize standard usage in English grammar, word choice (diction), phraseology, and sentence structure.
4. Apply knowledge of sentence structure to basic sentence editing and revision.
5. Write a persuasive analysis of a literary work.
6. Integrate sources accurately and effectively.
7. Deliver effective public oral presentations using situationally appropriate verbal and non-verbal messages.

**Information Literacy:** The ability to identify, assess, organize, and report information responsibly as enabled by technology and other resources.

**Learning Outcomes**

1. Determine the nature and extent of information needed.
2. Collect or retrieve and evaluate the information that is appropriate to the academic level or discipline.
3. Demonstrate knowledge of many of the economic, legal, and social issues surrounding the use of information.
4. Analyze the meanings of images and visual media
5. Access and use information legally and ethically.
6. Use, individually or as a member of a group, information effectively to accomplish a specific purpose.

**Critical Thinking:** The process of evaluating information gained through observation, reflection, or research, to reach logical conclusions and to guide decision-making.

**Learning Outcomes**

1. Evaluate information to determine if it is supported by the evidence.
2. Determine the relevance of information in evaluating an argument or conclusion
3. Recognize flaws and logical inconsistencies in an argument.
4. Generate conclusions based on credible research, analysis, and interpretation.
5. Apply reading comprehension strategies including interpreting, evaluating and analyzing written content.

**Math, Science, and Technology:** The reasoning, quantitative, and technology proficiencies necessary for general life skills and application to a wide variety of disciplines.

**Learning Outcomes**

1. Solve problems (including word problems) utilizing arithmetic concepts and algebraic equations.

2. Interpret information presented in various graphs and diagrams.
3. Solve problems requiring insight or logical reasoning.
4. Demonstrate basic competency in operating systems, word processing, spreadsheets, email, and presentation software.
5. Distinguish between scientific data and scientific interpretation.
6. Distinguish between empirical and historical science.

**Biblical Worldview:** The biblical worldview is a coherent way of understanding God, humanity, and the world; it derives its principles from the Bible and applies them in order to direct belief and action.

**Learning Outcomes**

1. Define worldview as a concept
2. Identify the components of a biblical worldview
3. Know the difference between a biblical and non-biblical worldview.
4. Apply a biblical perspective to topics such as the natural world, human identity and relationships, and culture and civilization.
5. Practice his or her chosen major/program of study in a manner consistent with a Biblical/Christian worldview.

**CORE COMPETENCY REQUIREMENTS**

Degree Completion Plans for residential students are organized according to core competencies, basic knowledge and skills that all students need for successful completion of their program of study.

The General Education Requirements for **some** majors may vary; however, the General Education Requirements for **most** majors leading to the Bachelor of Science in the residential degree programs are:

<b>Bachelor of Science (58-65 hrs)</b>	
<b>General Education: Core Competency Requirements</b>	
<b>COMMUNICATION</b>	<b>6-9 hrs</b>
COMS 101 or ENGR 270 or SCOM 110 and SCOM 226	3-6
ENGL 101 <i>Composition and Rhetoric</i>	3
<b>MATHEMATICS, SCIENCE AND TECHNOLOGY</b>	<b>11-15 hrs</b>
CRST 290 <i>History of Life</i>	2-3
MATH ____ (above 110)	3
NAT SCI ____	3
NAT SCI, MATH ____ or BUSI 201	3
<b>Technology Competency</b>	<b>0-3</b>
INFT 102 <i>PowerPoint</i>	0-1
INFT 103 <i>Excel</i>	0-1
INFT 104 <i>Word</i>	0-1
<b>INFORMATION LITERACY</b>	<b>6 hrs</b>
ENGL 102 or MUSC 200 or ARTS 209	3
HIEU 201 or 202 or HIUS 221 or 222 or 223	3
<b>CRITICAL THINKING</b>	<b>15 hrs</b>
ENGL 201, 202, 215, 216, 221, or 222,	3
MUSC 213, 314, or 371, ARTS 205, 214	3
GOVT 200, PSYC 101 or 210, SOCI 200 or 201	3
PHIL 201 <i>Philosophy and Contemporary Ideas</i>	3
CSTU 101 or 102, THEA 101, ARTS 105, CINE 101, or MUSC 103, 311, 312, 313, <b>AND</b>	3
* GEN ED ELECTIVE (non-language) – <b>OR</b>	3
**LANG ____ <b>AND</b>	3
**LANG ____	3
<b>BIBLICAL WORLDVIEW</b>	<b>20 hrs</b>
BIBL 105 <i>Old Testament Survey</i> – <b>OR</b>	3
^ BIBL 205 <i>Old Testament Life and Literature</i>	3

BIBL 110	<i>New Testament Survey – OR</i>	3
^ BIBL 210	<i>New Testament Life and Literature</i>	
BWVW 101	<i>Biblical Worldview I</i>	1
BWVW 102	<i>Biblical Worldview II</i>	1
EVAN 101	<i>Evangelism and the Christian Life</i>	2
PSYC 150	<i>Psychology of Relationships</i>	3
THEO 201	<i>Theology Survey I</i>	3
THEO 202	<i>Theology Survey II</i>	3
^^UNIV 101	<i>University Core Competencies</i>	1
* All courses <b>except</b> ENGL and Language qualify for the General Education elective		
** Must be the same language		
^ Options available to Honors students		
^^ Requirement is waived for students transferring in 60 or more hours		
<b>All general education courses must be chosen from the list of “approved residential general education &amp; integrative courses”</b>		

The General Education Requirements for majors leading to the **Bachelor of Arts** are:

<b>Bachelor of Arts (70-77 hrs)</b>		
<b>General Education: Core Competency Requirements (52-59 hrs)</b>		
<b>COMMUNICATION 6-9 hrs</b>		
COMS 101 or ENGR 270 or SCOM 110 and SCOM 226 3-6		
ENGL 101 <i>Composition and Rhetoric</i> 3		
<b>MATHEMATICS, SCIENCE AND TECHNOLOGY 8-12 hrs</b>		
CRST 290 <i>History of Life</i> 2-3		
MATH ____ (above 110) 3		
NAT SCI ____ 3		
<b>Technology Competency 0-3 hrs</b>		
INFT 102 <i>PowerPoint</i> 0-1		
INFT 103 <i>Excel</i> 0-1		
INFT 104 <i>Word</i> 0-1		
<b>INFORMATION LITERACY 9 hrs</b>		
ENGL 102 or MUSC 200 or ARTS 209 3		
HIEU 201 or 202 or HIUS 221 or 222 or 223 3		
HIEU 201 or 202 or HIUS 221 or 222 or 223 3		
<b>CRITICAL THINKING 9 hrs</b>		
ENGL 201, 202, 215, 216, 221, or 222, MUSC 213, 314, 371, ARTS 205, 214, CSTU 101, 102, THEA 101, CINE 101, ARTS 105, or MUSC 103, 311, 312, 313 3		
PHIL 201 <i>Philosophy and Contemporary Ideas</i> 3		
<b>BIBLICAL WORLDVIEW 20 hrs</b>		
BIBL 105 <i>Old Testament Survey – OR</i> 3		
^ BIBL 205 <i>Old Testament Life and Literature</i> 3		
BIBL 110 <i>New Testament Survey – OR</i> 3		
^ BIBL 210 <i>New Testament Life and Literature</i> 3		
BWVW 101 <i>Biblical Worldview I</i> 1		
BWVW 102 <i>Biblical Worldview II</i> 1		
EVAN 101 <i>Evangelism and the Christian Life</i> 2		
PSYC 150 <i>Psychology of Relationships</i> 3		
THEO 201 <i>Theology Survey I</i> 3		
THEO 202 <i>Theology Survey II</i> 3		
^^UNIV 101 <i>University Core Competencies</i> 1		
<b>LIBERAL ARTS FOCUS 18 hrs</b>		
LANGUAGE Must be <b>one</b> language 12		
<b>INTEGRATIVE STUDIES 6</b>		
^ Options available to Honors students		
^^ Requirement is waived for students transferring in 60 or more hours.		
As part of the Core Competency requirements, <b>students may select one course for Integrative Studies which contains the same prefix as courses within the major.</b> Integrative courses may only be taken after the student has achieved 60 hours.		

All general education courses must be chosen from the list of “approved residential general education & integrative courses”

The General Education Requirements leading to the **Associate of Arts** in the residential degree programs are:

<b>Associate of Arts (46-53 hrs)</b>		
<b>General Education: Core Competency Requirements</b>		
<b>COMMUNICATION 6-9 hrs</b>		
COMS 101 or ENGR 270 or SCOM 110 and SCOM 226 3-6		
ENGL 101 <i>Composition and Rhetoric</i> 3		
<b>MATHEMATICS, SCIENCE, AND TECHNOLOGY 8-12 hrs</b>		
CRST 290 <i>History of Life</i> 2-3		
MATH ____ (above 110) 3		
*NAT SCI ____ 3		
<b>Technology Competency 0-3 hrs</b>		
INFT 102 <i>PowerPoint</i> 0-1		
INFT 103 <i>Excel</i> 0-1		
INFT 104 <i>Word</i> 0-1		
<b>INFORMATION LITERACY 6 hrs</b>		
ENGL 102 or MUSC 200 or ARTS 209 3		
HIEU 201 or 202 or HIUS 221 or 222, 223 3		
<b>CRITICAL THINKING 12 hrs</b>		
GOVT 200, PSYC 101 or 210, SOCI 200 or 201 3		
PHIL 201 <i>Philosophy and Contemporary Ideas</i> 3		
CSTU 101, 102, THEA 101, ARTS 105, CINE 101, or MUSC 103, 311, 312, 313 3		
**GEN ED ELECTIVE (non-language) 3		
<b>BIBLICAL WORLDVIEW 14 hrs</b>		
+BIBL 105 <i>Old Testament Survey – AND/OR</i> 3		
+BIBL 110 <i>New Testament Survey</i> 3		
BWVW 101 <i>Biblical Worldview I</i> 1		
BWVW 102 <i>Biblical Worldview II</i> 1		
EVAN 101 <i>Evangelism and the Christian Life</i> 2		
PSYC 150 <i>Psychology of Relationships</i> 3		
+THEO 201 <i>Theology Survey I – AND/OR</i> 3		
+THEO 202 <i>Theology Survey II</i> 3		
UNIV 101 <i>University Core Competencies</i> 1		
* May include biology or other natural science (e.g., chemistry, physics, geology, astronomy) transferred from another institution.		
** All courses <b>except</b> ENGL and Language qualify for the General Education elective		
+ Choose any two of the four		
<b>All general education courses must be chosen from the list of “approved residential general education &amp; integrative courses”</b>		

**Approved Residential General Education and Integrative Courses**

The following lists contain residential general education and integrative courses including all those that fall into each of the three areas listed below.

1. humanities/fine arts (HFA);
2. social/behavioral sciences (SBS); and
3. natural science/mathematics (NSM).

<b>Mathematics, Science, and Technology</b>		
MATH 115	<i>Mathematics for Liberal Arts</i>	NSM
MATH 117	<i>Elements of Mathematics</i>	NSM
MATH 121	<i>College Algebra</i>	NSM
MATH 125	<i>Finite Mathematics</i>	NSM
MATH 126	<i>Elementary Calculus for Business and Science</i>	NSM
MATH 128	<i>Elementary Functions and Coordinate Geometry</i>	NSM

**COLLEGE OF GENERAL STUDIES**

MATH 131	<i>Calculus and Analytical Geometry I</i>	NSM
MATH 132	<i>Calculus and Analytical Geometry II</i>	NSM
MATH 201/	<i>Introduction to Probability and</i>	NSM
BUSI 230	<i>Statistics</i>	
MATH 211	<i>Introduction to Statistical Analysis</i>	NSM
MATH 217	<i>Elementary Geometry</i>	NSM
MATH 227	<i>Number Systems and Geometry</i>	NSM
*BIOL 101	<i>Principles of Biology</i>	NSM
*BIOL 102	<i>Principles of Human Biology</i>	NSM
BIOL 103	<i>Principles of Biology Lab</i>	NSM
BIOL 104	<i>Principles of Human Biology Lab</i>	NSM
*BIOL 203	<i>Introductory Microbiology</i>	NSM
*^BIOL 213	<i>Human Anatomy/Physiology I</i>	NSM
^BIOL 214	<i>Human Anatomy/Physiology I Lab</i>	NSM
*^BIOL 215	<i>Human Anatomy/Physiology II</i>	NSM
^BIOL 216	<i>Human Anatomy/Physiology II Lab</i>	NSM
*BIOL 224	<i>General Biology I</i>	NSM
*CHEM 107	<i>Essentials of General &amp; Organic Chemistry</i>	NSM
*CHEM 121	<i>General Chemistry I</i>	NSM
*CHEM 122	<i>General Chemistry II</i>	NSM
*ENVR 215	<i>Principles of Environmental Science</i>	NSM
*ENVR 220	<i>Physical Geology</i>	NSM
ENVR 221	<i>Physical Geology Laboratory</i>	NSM
*PHSC 121	<i>Introduction to Astronomy</i>	NSM
PHSC 122	<i>Elements of Astronomy Lab</i>	NSM
*PHSC 210	<i>Elements of Earth Science</i>	NSM
PHSC 211	<i>Elements of Earth Science Lab</i>	NSM
*PHYS 101	<i>Elements of Physics</i>	NSM
PHYS 103	<i>Elements of Physics Lab</i>	NSM
*PHYS 201	<i>General Physics I</i>	NSM
*PHYS 202	<i>General Physics II</i>	NSM
*PHYS 231	<i>University Physics I</i>	NSM
*PHYS 232	<i>University Physics II</i>	NSM
BUSI 201	<i>Intermediate Business Computer Applications</i>	
CSCI 110	<i>Computing Foundations and Ethics</i>	
CSCI 111	<i>Introduction to Programming</i>	
CSCI 112	<i>Advanced Programming</i>	

\*Courses will fill the NAT SCI requirement  
 ^BIOL 213, 214, 215, 216 must be taken to receive the Core Competency requirement credit for either course.

**General Education**

BUSI 223	<i>Personal Finance</i>	NSM
ECON 110	<i>Survey of Economics</i>	SBS
ECON 213	<i>Principles of Microeconomics</i>	SBS
ECON 214	<i>Principles of Macroeconomics</i>	SBS
GEOG 200	<i>Introduction to Geography</i>	SBS
HLTH 216	<i>Personal Health</i>	
YOUT 220	<i>Global Youth Culture</i>	

**Information Literacy**

ARTS 209	<i>Art as Communication</i>	HFA
ENGL 102	<i>Composition and Literature</i>	HFA
HIEU 201	<i>History of Western Civilization I</i>	SBS
HIEU 202	<i>History of Western Civilization II</i>	SBS
HIUS 221	<i>Survey of American History I – OR</i>	SBS
HIUS 223	<i>United States History on Site</i>	SBS
HIUS 222	<i>Survey of American History II</i>	SBS
MUSC 200	<i>Music, Art, Worship and Culture</i>	HFA

**Communication**

COMS 101	<i>Speech Communications</i>	
ENGL 101	<i>Composition and Rhetoric</i>	HFA
ENGR 270	<i>Technical Communication</i>	
SCOM 110	<i>Media &amp; Culture – AND</i>	
SCOM 226	<i>Interpersonal &amp; Group Communication</i>	

**Biblical Worldview**

BIBL 105	<i>Old Testament Survey</i>	
BIBL 110	<i>New Testament Survey</i>	
BIBL 205	<i>Old Testament Life and Literature</i>	
BIBL 210	<i>New Testament Life and Literature</i>	
BWVW 101	<i>Biblical Worldview I</i>	
BWVW 102	<i>Biblical Worldview II</i>	
EVAN 101	<i>Evangelism and the Christian Life</i>	
GLST 220	<i>Intercultural Communication and Engagement</i>	SBS
PSYC 150	<i>Psychology of Relationship Development</i>	SBS
THEO 201	<i>Theology Survey I</i>	
THEO 202	<i>Theology Survey II</i>	
UNIV 101	<i>University Core Competencies</i>	

**Critical Thinking**

ARTS 105	<i>Art Appreciation</i>	HFA
ARTS 205	<i>20<sup>th</sup> – 21<sup>st</sup> Century Art</i>	HFA
ARTS 214	<i>Art, Culture, and Technology</i>	HFA
CINE 101	<i>Cinematic Arts Appreciation</i>	HFA
CSTU 101	<i>Western Culture – OR</i>	HFA
CSTU 102	<i>The Humanities Abroad</i>	HFA
ENGL 201	<i>American Literature I</i>	HFA
ENGL 202	<i>American Literature II</i>	HFA
ENGL 215	<i>English Literature I</i>	HFA
ENGL 216	<i>English Literature II</i>	HFA
ENGL 221	<i>World Literature I</i>	HFA
ENGL 222	<i>World Literature II</i>	HFA
GLST 290	<i>Cultural Anthropology</i>	SBS
GOVT 200	<i>Constitutional Government and Free Enterprise</i>	SBS
GOVT 210	<i>Introduction to Political Science</i>	SBS
GOVT 220	<i>American Government</i>	SBS
Language	<i>Chinese, French, German, Greek, Hebrew, Spanish (100/200 level), or Sign Language-ASL</i>	HFA
MUSC 103	<i>Music Appreciation</i>	HFA
MUSC 213	<i>Survey of Popular and Jazz Music Literature</i>	HFA
MUSC 311	<i>Music History (Antiquity – 1750)</i>	HFA
MUSC 312	<i>Music History (Since 1750)</i>	HFA
MUSC 313	<i>History of Music and Worship</i>	HFA
MUSC 314	<i>Music in World Cultures</i>	HFA
MUSC 371	<i>Survey of Songwriting Literature</i>	HFA
PHIL 201	<i>Philosophy and Contemporary Ideas</i>	HFA
PSYC 101	<i>General Psychology</i>	SBS
PSYC 210	<i>Developmental Psychology</i>	SBS
SOCI 200	<i>Introduction to Sociology</i>	SBS
SOCI 201	<i>Social Problems</i>	SBS
STEM 101	<i>Industrial Energy I</i>	NSM
STEM 201	<i>Industrial Energy II</i>	NSM
THEA 101	<i>Theatre Appreciation</i>	HFA

**NOTE:** All courses **except** ENGL and Language qualify for the General Education elective.

**INTEGRATIVE COURSES**

Integrative courses are required for all Bachelor of Arts degrees. The following courses are approved Integrative Courses:

BWVW 301	<i>Biblical Worldview Seminar</i>	
CINE 340	<i>Theology and Cinema</i>	HFA
CSTU 301	<i>Film as Art</i>	HFA
CSTU 310	<i>Religion and the Arts in Western Culture</i>	HFA
ENGL 415	<i>Diversity: Advanced World Literature</i>	HFA
ENGL 416	<i>Writing</i>	HFA
ENGL 442	<i>Musical Theatre</i>	HFA
ENGL 460	<i>Christian Literature</i>	HFA

ENGL 462	<i>Religious Issues in Dramatic Literature</i>	HFA
GEOG 410	<i>Global Issues in Geography</i>	SBS
HIEU 466	<i>Renaissance and Reformation Europe</i>	SBS
HLTH 400	<i>Contemporary Health Issues</i>	SBS
INDS 499	<i>Integration of Faith and Learning through the Washington Semester Fellowship</i>	
NASC 315	<i>Environmental Science</i>	NSM
PHIL 429	<i>The Thought of St. Augustine</i>	HFA
PHIL 465	<i>The Thought of C.S. Lewis</i>	HFA
PHIL 468	<i>The Thought of J.R.R. Tolkien</i>	HFA
PHSC 310	<i>Astronomy: An Integrated Approach</i>	NSM
SPAN 324	<i>Christianity in Latin America</i>	SBS
THEO 324	<i>Theology of Suffering and Disability</i>	SBS
THEO 340	<i>Theology and Politics</i>	SBS

This list of approved general education courses for **residential programs** is also published online at <http://www.liberty.edu/gened>.

### General Education Requirements for Online Programs

The General Education Requirements for some majors may vary; however, the General Education requirements for most majors leading to a Bachelor of Science and Associates of Arts in the Liberty University Online programs are:

#### Bachelor of Science (42-48 hrs)

<b>Core Competency Requirements (36-42 hrs)</b>		
<b>COMMUNICATION</b>		<b>6 hrs</b>
_____	Communications Elective**	3
ENGL 101	<i>Composition and Rhetoric</i> <sup>1</sup>	3
<b>MATHEMATICS, SCIENCE, AND TECHNOLOGY 9 hrs</b>		
^INFT 101	<i>Instructional Technology for Online Learning</i>	3
_____	Math Elective**(MATH 115 or Higher) <sup>2,4,5</sup>	3
_____	Natural Science Elective**	3
<b>INFORMATION LITERACY 6 hrs</b>		
ENGL 102	<i>Composition and Literature</i>	3
_____	History Elective**	
<b>CRITICAL THINKING 6 hrs</b>		
PHIL 201	<i>Philosophy and Contemporary Ideas</i>	3
_____	Humanities Elective**	3
<b>BIBLICAL WORLDVIEW 9 hrs</b>		
APOL 104*	<i>Contemporary Worldview</i>	3
BIBL 104*	<i>Survey of Biblical Literature</i>	3
THEO 104*	<i>Introduction to Christian Thought</i>	3
<b>SKILLS AND KNOWLEDGE 6-12 hrs</b>		
_____	General Education Elective**	3
_____	Social Science Elective**	3
^Waived without appeal/exception for all students when one or more of the following are met:		
1. Accredited college transcript on file indicating a conferred AA or higher.		
2. 60 official transfer hours.		
3. Resident LU student transferring to LUO without breaking enrollment (resident breaking enrollment rules not LUO) and has taken GNED/BWVW 101.		
4. 90+ credits on unofficial transcripts.		
5. Student has broken enrollment from LUO within the last three catalog years.		
<sup>1</sup> ENGL 100 (minimum grade of "C") is a prerequisite for ENGL 101		
<sup>2</sup> MATH 110 <sup>4</sup> (minimum grade of "C") or equivalent is a prerequisite for BMIS 200, MATH 121 & 201		
<sup>3</sup> INFT 110 is a prerequisite for BUSI 201		
<sup>4</sup> A score of 13 on the Math Assessment or CLST 103 is a prerequisite for MATH 100		
<sup>5</sup> A score of 13 on the Math Assessment or CLST 103 is a prerequisite for MATH 100		
The General Education Requirements for some majors vary; however, the		

listed courses are General Education requirements for most majors leading to a Bachelor of Science in the Liberty University Online programs.

\*Requirements for the BS in Religion are BIBL 105, BIBL 110, THEO 201, THEO 202, and EVAN 101.

\* Choose from the **Approved General Education Course List** at [www.luonline.com/generaleducation](http://www.luonline.com/generaleducation)

#### Associate of Arts (39 hrs)

<b>Core Competency Requirements (36-42 hrs)</b>		
<b>COMMUNICATION 6 hrs</b>		
_____	Communications Elective**	3
ENGL101	<i>Composition and Rhetoric</i> <sup>1</sup>	3
<b>MATHEMATICS, SCIENCE, AND TECHNOLOGY 9 hrs</b>		
INFT 101	<i>Instructional Technology for Online Learning</i>	3
MATH _____	Math Elective**(MATH 115 or higher) <sup>2,3,4</sup>	3
_____	Natural Science Elective**	3
<b>INFORMATION LITERACY 6 hrs</b>		
ENGL 102	<i>Composition and Literature</i>	3
_____	History Elective**	3
<b>CRITICAL THINKING 3 hrs</b>		
PHIL 201	<i>Philosophy and Contemporary Ideas</i>	3
<b>BIBLICAL WORLDVIEW 9 hrs</b>		
APOL 104*	<i>Contemporary World views</i>	3
BIBL 104*	<i>Survey of Biblical Literature</i>	3
THEO 104*	<i>Introduction to Christian Thought</i>	3
<b>SKILLS AND KNOWLEDGE 6 hrs</b>		
_____	General Education Elective**	3
_____	Social Science Elective**	3

<sup>1</sup>ENGL 100 (minimum grade of "C") is a prerequisite for ENGL 101

<sup>2</sup>MATH 110<sup>3</sup> (minimum grade of "C") is a prerequisite for MATH 115 or higher

<sup>3</sup>MATH 100<sup>4</sup> (minimum grade of "C") is a prerequisite for MATH 110

<sup>4</sup>A score of 13 on the Math Assessment or CLST 103 is a prerequisite for MATH 100

\*Requirements for the AA in Religion are EVAN 101.

\*\*The General Education Requirements for some majors vary; however, the listed courses are General Education requirements for most majors leading to a Bachelor of Science in the Liberty University Online programs.

\*\*Choose from the **Approved General Education Course List** at [www.luonline.com/generaleducation](http://www.luonline.com/generaleducation)

#### Approved General Education Courses for Online Programs

The general education courses support the mission and philosophy of Liberty University. All associate and bachelor degree-seeking students are required to complete the general education requirements.

**Courses with an asterisk (\*) are offered online.** Courses without an asterisk have been approved to satisfy general education requirements through transfer or residency. Students should not take courses at another institution without written Transient Approval.

The following list contains online (distance education) general education courses including all those that fall into each of the three areas listed below.

1. humanities/fine arts (HFA);
2. social/behavioral sciences (SBS); and
3. natural science/mathematics (NSM).

#### Communication

BUSI 300	<i>Business Communications*</i>	
COMS 101	<i>Speech Communication*</i>	
ENGL 101	<i>Composition and Rhetoric*</i>	HFA
ENGL 333	<i>Modern Grammar*</i>	HFA
ENGL 350	<i>Advanced Expository Writing*</i>	HFA

Any 100-400 level from the following disciplines that meets the University's general education guidelines: JOUR, SCOM, and STCO

**Mathematics, Science and Technology**

**Math**

MATH 115	<i>Mathematics for Liberal Arts*</i>	NSM
MATH 121	<i>College Algebra*</i>	NSM
MATH 201	<i>Introduction to Probability and Statistics*</i>	NSM

Any 100-400 level course higher than MATH 115  
MATH transfer credit (1XX, 2XX, 3XX, 4XX) may be considered through the course substitution process

**Natural Science**

BIOL 101	<i>Principles of Biology*</i>	NSM
BIOL 103	<i>Principles of Biology Lab*</i>	NSM
PHSC 210	<i>Elements of Earth Science*</i>	NSM
PHSC 211	<i>Elements of Earth Science Lab*</i>	NSM

Any 100-400 level course from the following disciplines that meets the University's general education guidelines: BIOL, CHEM, ENVR, NASC, PHSC and PHYS

**Technology**

INFT 101	<i>Instructional Technology for Successful Online Learning*</i>	
BUSI 201	<i>Intermediate Business Computer Applications*</i>	
CSCI 111	<i>Introduction to Programming</i>	
CSCI 112	<i>Advanced Programming</i>	

**Information Literacy**

ENGL 102	<i>Composition and Literature*</i>	HFA
ENGL 103	<i>Technical Communication for the Professions*</i>	

**History**

HIEU 201	<i>History of Western Civilization I*</i>	SBS
HIEU 202	<i>History of Western Civilization II*</i>	SBS
HIEU 425	<i>The French Revolution and the Napoleonic Era*</i>	SBS
HIUS 221	<i>Survey of American History I*</i>	SBS
HIUS 222	<i>Survey of American History II*</i>	SBS
HIUS 223	<i>Survey of American History I Onsite*</i>	SBS
HIUS 380	<i>Modern American Military History*</i>	SBS
HIUS 420	<i>Civil War and Reconstruction*</i>	SBS
HIWD 370	<i>Comparative Civilization*</i>	SBS

Any 100-400 level course from the following disciplines that meets the University's general education guidelines: HIEU, HIUS, HIST and HIWD

**Critical Thinking**

PHIL 201	<i>Philosophy and Contemporary Ideas*</i>	HFA
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**Humanities and Fine Arts**

ANTH 203	<i>World Religion</i>	SBS
ARTS 105	<i>Art Appreciation</i>	HFA
CSTU 101	<i>Western Culture*</i>	HFA
ENGL 201	<i>American Literature I</i>	HFA
ENGL 202	<i>American Literature II*</i>	HFA
ENGL 215	<i>English Literature I</i>	HFA
ENGL 216	<i>English Literature II*</i>	HFA
ENGL 221	<i>World Literature I</i>	HFA
ENGL 222	<i>World Literature II</i>	HFA
MUSC 103	<i>Music Appreciation</i>	HFA
THEA 101	<i>Theatre Appreciation</i>	HFA

Any 100-400 level course from the following disciplines that meets the University's general education guidelines: CSTU and PHIL

Any 100-400 level Foreign and Modern Language course from the following disciplines that meets the University's general education guidelines: CGRM, CHIN, CSMA, CSPA, FREN, GREK, GRMN, HBRW LANG, SPAN, etc. (Conversational languages are for use in Bachelor of Science degree programs only.)

**Biblical Worldview**

**RELIGION for Non-Religion Majors**

APOL 104	<i>Contemporary Worldviews*</i>	
BIBL 104	<i>Survey of Biblical Literature*</i>	
THEO 104	<i>Introduction to Christian Thought*</i>	

**RELIGION for Religion Majors**

BIBL 105	<i>Old Testament Survey*</i>	
BIBL 110	<i>New Testament Survey*</i>	
CRST 290	<i>History of Life*</i>	NSM
EVAN 101	<i>Evangelism and the Christian Life*</i>	
THEO 201	<i>Theology Survey I*</i>	
THEO 202	<i>Theology Survey II*</i>	

**Skills and Knowledge**

**Social Science**

ECON 213	<i>Principles of Microeconomics*</i>	SBS
ECON 214	<i>Principles of Macroeconomics*</i>	SBS
ECON 350	<i>Classical Economics*</i>	SBS
GLST 200	<i>Introduction to Global Studies*</i>	SBS
GOVT 200	<i>Constitutional Government and Enterprise*</i>	SBS
GOVT 220	<i>American Government*</i>	SBS
HIEU 201	<i>History of Western Civilization I*</i>	SBS
HIEU 202	<i>History of Western Civilization II*</i>	SBS
HIEU 425	<i>The French Revolution and the Napoleonic Era*</i>	SBS
HIUS 221	<i>Survey of American History I*</i>	SBS
HIUS 222	<i>Survey of American History II*</i>	SBS
HIUS 223	<i>Survey of American History I Onsite*</i>	SBS
HIUS 380	<i>Modern American Military History*</i>	SBS
HIUS 420	<i>Civil War and Reconstruction*</i>	SBS
HIWD 370	<i>Comparative Civilization*</i>	SBS
HLTH 216	<i>Personal Health</i>	
HLTH 252	<i>Drugs in Society*</i>	SBS
PSYC 101	<i>General Psychology*</i>	SBS
PYSC 210	<i>Developmental Psychology*</i>	SBS
SOCI 200	<i>Introduction to Sociology*</i>	SBS
SOCI 201	<i>Social Problems*</i>	SBS

Any 100-400 level course from the following disciplines that meets the University's general education guidelines: ANTH, ECON, GEOG, GLST, GOVT, HIEU, HIUS, HIST, HIWD, PSYC and SOCI

**General Education**

This elective may be fulfilled by approved courses within the Humanities and Fine Arts, Natural Science, Math, Technology, History, Social Science disciplines or STEM (Science, Technology, Engineering, Math).

Restrictions may apply to some majors. General education electives must meet the University's general education guidelines.

This list of approved general education courses for **online programs** is published online at: <http://www.liberty.edu/online/approved-general-education-courses>.

**GENERAL EDUCATION REQUIREMENTS FOR OUT OF STATE STUDENTS**

In addition to Liberty University's general education requirements, distance education students may also be required to fulfill additional requirements set by their home states. *Details by state will be added to the Degree Completion Plan.* Specific Degree Completion Plans for each state whose requirements differ are available from Liberty University Online Advising.

# School of Aeronautics

## Administration

**David L. Young, B.S., M.A., FAA COMM, INST, CFI, CFII, ME, MEI, ATP**

*Assistant Provost for LU Aeronautics Education*

**James P. Molloy, B.S., M.A.S., FAA COMM, INST, CFI, CFII**

*Dean, School of Aeronautics*

**James M. Mashburn, B.A., M.S., FAA COMM, ME, INST, CFI, CFII, MEI**

*Associate Dean of Academics*

**Robert L. Hudson, B.A., FAA ATP, COMM, ME, INST, CFI, CFII, MEI**

*Associate Dean of Flight Operations*

**John Marselus, B.S., M.A., M.A.R., M.Div., FAA COMM, INST, ME, MEI, CFI, CFII**

*Associate Dean of Unmanned Aerial Systems*

*Associate Professor of Aviation*

**J. Ernie Rogers, B.B.A, M.A, FAA COMM, INST, ME, MEI, HELO, ATP, CFI, CFII**

*Associate Professor of Aviation/ Special Assistant*

**Brian Hough, FAA ATP, COMM, MULTI, INST, CFI, CFII, MEI**

*Director of Business Development and Flight Training Affiliates*

**Andrew Walton, B.S., M.A., FAA COMM, INST, ME, CFI, CFII, A&P**

*Director of Safety*

**Robert Howell, FAA A&P, DME, IA**

*Chair, Aviation Maintenance Technician Program*

**Bradley Blank, B.S., M.B.A., FAA COMM, INST, CFI, CFII, A&P**

*Director, Aviation Maintenance Technician Program*

*Assistant Professor of Aviation*

**Jason Hammond, FAA ATP, COMM, INST, CFI, CFII, MEI**

*Director of Training Programs and Flight Standards*

**Aaron Wilson, B.A., M.A., FAA COMM, INST, ME, MEI, CFI, CFII**

*Director of Flight Operations*

**Peter Spahr, B.S., MCA, FAA A&P, COMM, INST, ME, CFI, CFII**

*Associate Director of Flight Operations*

*Chief Instructor – Private Pilot Course*

**Bruce Barnhart, Th.B., FAA A&P, COMM, INST, ME, CFI, CFII, MEI**

*Associate Director of Flight Operations*

*Chief Instructor – Instrument Course*

**Marc Curley, B.S., FAA COMM, INST, CFI, CFII, ME, MEI**

*Associate Director of Flight Operations*

*Chief Instructor – Commercial Course*

**Jeremy Moore, B.S., FAA COMM, INST, CFI, CFII, MEI**

*Associate Director of Flight Operations*

*Chief Instructor – CFI/CFII Courses*

**Donald Childs, B.S., FAA COMM, INST, CFI, CFII, HELO**

*Associate Director of Flight Operations, Training Coordinator*

**Joshua Clark, B.S., M.S., FAA COMM, INST, M.E., CFI, CFII**  
*Associate Director of Training Programs and Standardization, Courseware Development*

**Kevin Martin, B.S., FAA COMM, INST, CFI, CFII**  
*Associate Director of Flight Ops, Simulator Program Manager*

**Joshua Bryant, B.S., FAA INST**  
*Associate Director of Flight Operations, Dispatch & Scheduling*

**Charles E. Laughlin, FAA A&P**  
*Associate Director of Flight Operations, Maintenance Control*

**Katy Martin**  
*Chief Dispatcher*

**Samuel Schmitz**  
*Chief Scheduler*

**Tana Jamison, B.S.**  
*Flight Training Affiliates Manager*

## Aviation Qualifications Legend:

- A&P – Airframe and Powerplant Maintenance Technician
- ATP – Airline Transport Pilot
- CFI – Certified Flight Instructor
- CFII – Certified Flight Instructor Instrument
- DME – FAA Designated Maintenance Examiner
- DPE – FAA Designated Pilot Examiner
- COMM – Commercial Pilot
- HELO – Helicopter Rated
- IA – Inspection Authorization
- INST – Instrument Rated
- ME – Multi-Engine
- MEI – Multi-Engine Instructor

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaID=22> where faculty can be searched for by Department.

## PURPOSE

It is the purpose of the School of Aeronautics to train and mentor young men and women to become exceptional pilots, mechanics, unmanned aerial systems operators, and flight attendants who possess excellent technical skills, sound judgment, leadership, professionalism, discipleship, and strong Christian character.

The School of Aeronautics offers a Bachelor of Science degree in Aeronautics with concentrations in commercial/corporate, missionary, and unmanned aerial systems, and a cognate in military. Additionally, Associate of Arts degrees in Aviation Maintenance Technician and Flight Attendant are available. Minors in Aeronautics and Airline Flight Attendant are also offered.

## FEDERAL AVIATION ADMINISTRATION (FAA) CERTIFICATION

The School of Aeronautics is a fully certified FAA Part 141 school authorized to teach Private, Instrument, Commercial, Multi-Engine, Certified Flight Instructor, Certified Flight Instructor



Instrument, and Airline Transport Pilot courses. The FAA has also certified the School as an FAA Part 147 Aviation Maintenance Technician School designed to train and to prepare aircraft technicians for A & P licensure.

The programs offered by the School of Aeronautics are Veteran's Administration Approved.

**FLIGHT TRAINING COURSE FEES**

Courses that include flight training have additional course fees. Course fees for Aviation Flight Training courses vary depending on equipment used (aircraft/aircraft simulator). For a list of course fees please go to <http://www.liberty.edu/registrar>.

**BASIC COURSE INFORMATION**

The aviation and mechanic programs are FAA Part 141 and 147 certificated. Students are responsible for lab fees, in-flight instruction, aircraft rental, A & P mechanical classes, and tools. Both programs are Veteran's Administration approved. Internships are available. All residential-flight training is conducted at Lynchburg Regional Airport.

**Career Opportunities**

- Certified Flight Instructor      Missionary Pilot
- Commercial Pilot                      UAS Operator
- Corporate Pilot                        Aircraft Mechanic
- Military Pilot                            Other aviation related careers

**DEGREE COMPLETION PLANS (DCP)**

Degree Completion Plans for degree programs offered by the School of Aeronautics can be accessed online at <http://www.liberty.edu/index.cfm?PID=2981>.

**Aeronautics Major (B.S.)**

**PURPOSE**

The purpose of the Aeronautics program is to train men and women to become exceptional pilots who possess outstanding knowledge, excellent technical skills, sound judgment, professionalism, and strong Christian character.

**PROGRAM LEARNING OUTCOMES**

- The student will be able to:
1. Apply biblical principles within the professional aviation environment.
  2. Effectively communicate throughout the scope of the aviation career field.
  3. Demonstrate a breadth of knowledge in the discipline of aeronautics.
  4. Demonstrate aviation professionalism.

**Commercial/Corporate Concentration**

The student will be able to analyze aeronautical challenges specific to commercial and corporate operations.

**Missionary Concentration**

- The student will be able to:
1. Evaluate the unique safety considerations, risk management differences, and flight techniques for operations into and out of confined areas.
  2. Analyze challenges of mission aviation in various cultural settings.

**Unmanned Aerial Systems Concentration**

- The student will be able to:
1. Identify the principles essential for intelligence analysis.
  2. Integrate strategic intelligence plans with gathering of intelligence through various sources.
  3. Demonstrate competency in verbal/nonverbal communication skills and computer skills necessary to foster effective inquiry, collaboration, and analysis of intelligence.
  4. Demonstrate piloting skills required by the FAA.

**Programs of Study**

<b>Aeronautics Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major Core (35 hrs)</b>		
AVIA 102	Aviation Orientation	1
AVIA 210	Private Ground I	2
AVIA 215	Private Ground II	2
AVIA 220	Private Flight I	3
AVIA 225	Private Flight II	3
AVIA 240	GPS Navigation	1
AVIA 300	Aviation Safety	2
AVIA 305	Airplane Aerodynamics	3
AVIA 310	Instrument Ground	3
AVIA 315	Commercial Ground	3
AVIA 320	Instrument Flight	3
AVIA 325 <sup>1</sup>	Commercial Flight I*	1
AVIA 326 <sup>1</sup>	Commercial Flight II*	1
AVIA 327 <sup>1</sup>	Commercial Flight III *	1
AVIA 340	Aviation Weather	3
AVIA 400	Aerospace Law, Human Factors and Crew Resource Management	3
AVIA 455 <sup>2</sup>	Turbine Engines and Jet Transport	3
<b>Concentration/Cognate Courses</b>		
<ul style="list-style-type: none"> <li>• Commercial/Corporate Concentration (24 hrs)</li> <li>• Missions Concentration (23 hrs)</li> <li>• Unmanned Aerial Systems Concentration (18 hrs)</li> <li>• Military Cognate Courses (15 hrs)</li> </ul>		
<b>Directed Courses (Required) (1-4 hrs)*</b>		
PHYS 101	Elements of Physics*	3
PHYS 103	Elements of Physics Lab	1
<sup>1</sup> These courses are not required for the Military Cognate		
<sup>2</sup> Required for Military Cognate only		
* This is an approved General Education course and may be counted in the Core Competency Requirements		

<b>Aeronautics Major (B.S.)</b>		
<b>Commercial/Corporate Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major Core (35 hrs)</b>		
<b>Commercial Corporate Concentration Courses (22 hrs)</b>		
AVIA 350	Airline Operations	3
AVIA 360	Corporate / Business Aviation	3
AVIA 430	Multi-Engine Ground and Advanced Aircraft Systems	3
AVIA 435	Advanced Jet Systems	3
AVIA 440	Multi-Engine Flight	1
AVIA 455	Turbine Engines and Jet Transport	3
AVIA 460	Interview and Etiquette Techniques	3
BUSI 101	Introduction to Business	3
<b>Directed Courses (Required) (1-4 hrs)</b>		
<b>Free Electives (0-4 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 42 hours must be 300-400 level.		

<b>Aeronautics Major (B.S.)</b>	
<b>Missions Concentration</b>	
<i>General Education: Core Competency Requirements (58-65 hrs)</i>	
<i>Courses in the Major Core (35 hrs)</i>	
<i>Missions Concentration Courses (23 hrs)</i>	
GLST 200	<i>Introduction to Global Studies</i> 3
GLST 290	<i>Cultural Anthropology</i> 3
GLST 350	<i>World Religions</i> 3
GLST 385	<i>Career Preparation for Global Workers</i> 3
GLST 485	<i>Jungle Camp</i> 3
GLST 490	<i>Trends and Issues in Global Studies</i> 3
ACCT 211	<i>Principles of Accounting I</i> 3
AVIA 450	<i>Confined Area Operation</i> 2
<i>Directed Courses (Required) (1-7 hrs)</i>	
<i>Free Electives (0-3 hrs)</i>	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 37 hours must be 300-400 level.	

<b>Aeronautics Major (B.S.)</b>	
<b>Unmanned Aerial Systems Concentration</b>	
<i>General Education: Core Competency Requirements (58-65 hrs)</i>	
<i>Courses in the Major Core (36 hrs)</i>	
AVIA 101	<i>Exploring Aviation</i> 3
AVIA 102	<i>Aviation Orientation</i> 1
AVIA 210	<i>Private Ground I</i> 2
AVIA 215	<i>Private Ground II</i> 2
AVIA 220	<i>Private Flight I</i> 3
AVIA 225	<i>Private Flight II</i> 3
AVIA 230	<i>Unmanned Aerial Systems</i> 3
AVIA 240	<i>GPS Navigation</i> 1
AVIA 250	<i>Introduction to Space Flight</i> 3
AVIA 305	<i>Airplane Aerodynamics</i> 3
AVIA 340	<i>Aviation Weather</i> 3
AVIA 400	<i>Aerospace Law, Human Factors and Crew Resource Management</i> 3
AVIA 460	<i>Pilot Interview and Etiquette Techniques</i> 3
BUSI 223	<i>Personal Finance</i> 3
<i>Unmanned Aerial Systems Concentration Courses (18 hrs)</i>	
GOVT 380	<i>Introduction to Intelligence</i> 3
GOVT 381	<i>Intelligence Analysis</i> 3
GOVT 383	<i>History and Nature of Intelligence Tools</i> 3
GOVT 483	<i>Military Intelligence</i> 3
GOVT 484	<i>Strategic Intelligence</i> 3
CSCI 340/	<i>Studies in Information Security</i> 3
BMIS 340/BUSI 417	
<i>Directed Courses (Required) (1-4 hrs)</i>	
PHYS 101	<i>Elements of Physics*</i> 3
PHYS 103	<i>Elements of Physics Lab</i> 1
<i>Free Electives (0-7 hrs)</i>	
AVIA 310 is strongly recommended	
* This is an approved General Education course and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 30 hours must be 300-400 level.	

<b>Aeronautics Major (B.S.)</b>	
<b>MILITARY COGNATE</b>	
<i>General Education: Core Competency Requirements (58-65 hrs)</i>	
<i>Courses in the Major Core (35 hrs)</i>	
<i>Military Cognate Courses (15 hrs)</i>	
AVIA 230	<i>Unmanned Aerial Systems</i> 3
AVIA 245	<i>Aviation Leadership</i> 3
AVIA 250	<i>Introduction to Space Flight</i> 3
AVIA 430	<i>Multi-Engine Theory/Advanced Aircraft Systems</i> 3

BUSI 310	<i>Principles of Management</i>	3
<i>Directed Courses (Required) (1-4 hrs)</i>		
<i>Free Electives (4-11 hrs)</i> [one hour must be upper level]		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 30 hours must be 300-400 level.		

**ASSOCIATE OF ARTS DEGREE PROGRAMS**

In an effort to meet the educational needs of students who want a university degree, but who do not desire to complete a four-year bachelor's program, the School of Aeronautics offers the Associate of Arts Degree in Aeronautics in Airline Flight Attendant or Aviation Maintenance Technician. These two-year degree programs combine courses in the major program of study with General Education courses and graduation requirements.

**Airline Flight Attendant Major (A.A.)**

**PURPOSE**

The purpose of the Flight Attendant Program is to train men and women to become exceptional flight attendants who possess outstanding knowledge, excellent technical skills, sound judgment, professionalism, and strong Christian character.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply biblical principles within the professional aviation environment.
2. Communicate effectively within the professional aviation environment.
3. Demonstrate a comprehensive working knowledge of required aeronautical information.
4. Articulate aeronautical knowledge appropriate for flight attendants.
5. Integrate safety and security measures with excellent service.

**Program of Study**

<b>Aeronautics (A.A.)</b>		
<b>Airline Flight Attendant Major</b>		
<i>General Education: Core Competency Requirements (46-53 hrs)</i>		
<i>Courses in the Major (26 hrs)</i>		
AVIA 101	<i>Exploring Aviation</i>	3
AVIA 103	<i>Flight Attendant Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 300	<i>Aviation Safety</i>	2
AVIA 340	<i>Aviation Weather</i>	3
AVIA 350	<i>Airline Operations</i>	3
AVIA 400	<i>Aerospace Law, Human Factors and Crew Resource Management</i>	3
AVIA 460	<i>Interview and Etiquette Techniques</i>	3
FACS 130	<i>Introduction to Hospitality, Foods and Food Safety</i>	3
HLTH 205	<i>Accident Prevention and Care (CPR)</i>	3
<b>TOTAL HOURS:</b> 72 hours minimum required.		

**Aviation Maintenance Technician Major (A.A.)**

**PURPOSE**

The purpose of the Aviation Technician Program is to train pilots, as well as non-pilots to maintain aircraft in the context of a faith-based missionary organization; however, training is also applicable to those pursuing other careers in general, corporate and commercial aviation.

The Aviation Maintenance Technician Program is an accelerated maintenance training program designed for the FAA portion to be completed as a single block in one year and the additional Associate of Arts degree classes completed in an additional year. The curricula for this program are regulated by the Federal Aviation Administration (FAA).

**Aviation Maintenance Technician Certificate**

Students pursuing the Aviation Maintenance Technician Certificate complete the 45-hour, FAA Part 147 program in a 12-month accelerated format. During this period the student will be able to earn a maintenance license with both Airframe and Powerplant ratings.

**EVALUATION OF TRANSFER CREDIT**

Students may transfer all semester hours earned in the Aviation Maintenance Technician Certificate program to Liberty’s Associate of Arts program.

**PROGRAM LEARNING OUTCOMES**

Upon successful completion of the Associate of Arts in Aviation Maintenance Technician or Aviation Maintenance Technician Certificate program, the student will be able to:

1. Demonstrate ability to read, comprehend, and apply information contained in FAA and Manufacturers Aircraft Maintenance specifications, and advisory material.
2. Complete required maintenance forms, records and inspection reports.
3. Repair and inspect aircraft electrical, avionics, airframes, and fuel systems.
4. Inspect, check, service and repair turbine engines and turbine engine installation.
5. Complete maintenance and repair tasks using the FAA Manufacturers Aircraft Maintenance specification and advisory material.

**Programs of Study**

<b>Aeronautics (A.A.)</b>		
<b>Aviation Maintenance Technician</b>		
<i>General Education: Core Competency Requirements (46-53 hrs)</i>		
<i>Courses in the Major (45 hrs)</i>		
AVMT 100	<i>Aircraft Sciences I</i>	3
AVMT 102	<i>Aircraft Sciences II</i>	3
AVMT 104	<i>Maintenance Practices I</i>	3
AVMT 106	<i>Maintenance Practices II</i>	3
AVMT 200	<i>Airframe Auxiliary Systems</i>	3
AVMT 202	<i>Aircraft Electrical Systems</i>	3
AVMT 204	<i>Airframe Structures I</i>	3
AVMT 206	<i>Airframe Structures II</i>	3
AVMT 208	<i>Airframe Assembly and Inspection</i>	3
AVMT 210	<i>Airframe Hydraulic, Pneumatic and Landing Gear</i>	3
AVMT 212	<i>Reciprocating Engines</i>	3
AVMT 214	<i>Engine Electrical Systems</i>	3
AVMT 216	<i>Engine Auxiliary Systems I</i>	3
AVMT 218	<i>Engine Auxiliary Systems II</i>	3
AVMT 220	<i>Turbine Engines</i>	3
<b>TOTAL HOURS:</b> 91 hours minimum required.		

<b>Aviation Maintenance Technician Certificate (45 hrs)</b>		
AVMN 100	<i>Aircraft Sciences I</i>	3
AVMN 102	<i>Aircraft Sciences II</i>	3
AVMN 104	<i>Maintenance Practices I</i>	3
AVMN 106	<i>Maintenance Practices II</i>	3
AVMN 200	<i>Airframe Auxiliary Systems</i>	3
AVMN 202	<i>Aircraft Electrical Systems</i>	3
AVMN 204	<i>Airframe Structures I</i>	3
AVMN 206	<i>Airframe Structures II</i>	3
AVMN 208	<i>Airframe Assembly and Inspection</i>	3
AVMN 210	<i>Airframe Hydraulic, Pneumatic and Landing Gear</i>	3
AVMN 212	<i>Reciprocating Engines</i>	3
AVMN 214	<i>Engine Electrical Systems</i>	3
AVMN 216	<i>Engine Auxiliary Systems I</i>	3
AVMN 218	<i>Engine Auxiliary Systems II</i>	3
AVMN 220	<i>Turbine Engines</i>	3
<b>TOTAL HOURS:</b> 45 hours minimum required.		

**Aeronautics Minor**

<b>Aeronautics Minor (19 hrs)</b>		
AVIA 102	<i>Aviation Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 215	<i>Private Ground II</i>	2
AVIA 220	<i>Private Flight I</i>	3
AVIA 225	<i>Private Flight II</i>	3
AVIA 300	<i>Aviation Safety</i>	2
AVIA 305	<i>Airplane Aerodynamics</i>	3
AVIA 310	<i>Instrument Ground</i>	3

**Airline Flight Attendant Minor**

<b>Airline Flight Attendant Minor (20-19 hrs)</b>		
AVIA 101	<i>Exploring Aviation</i>	3
AVIA 103	<i>Flight Attendant Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 300	<i>Aviation Safety</i>	2
AVIA 400	<i>Aerospace Law, Human Factors and Crew Resource Management</i>	3
AVIA 460	<i>Interview and Etiquette Techniques</i>	3
FACS 130	<i>Introduction to Hospitality, Foods and Food Safety</i>	3
HLTH 205	<i>Accident Prevention and Care (CPR)</i>	3

## *School of Aeronautics – Online Program*

**PURPOSE**

It is the purpose of the School of Aeronautics to train and mentor young men and women to become exceptional pilots, mechanics, unmanned aerial systems operators, and flight attendants who possess excellent technical skills, sound judgment, professionalism, and strong Christian character.

***Aeronautics Major (B.S.)***

**PURPOSE**

The purpose of the Aeronautics program is to train men and women to become exceptional pilots who possess outstanding knowledge, excellent technical skills, sound judgment, professionalism, and strong Christian character.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply biblical principles within the professional aviation environment.
2. Effectively communicate throughout the scope of the aviation career field.
3. Demonstrate a breadth of knowledge in the discipline of aeronautics.
4. Demonstrate aviation professionalism.

***Aviation Maintenance Management Concentration***

The student will be able to apply basic business principles to an aviation maintenance work environment.

***Program of Study***

<b>Aeronautics Major (B.S.)</b>	
<b><i>General Education: Core Competency Requirements (36 hrs)</i></b>	
<b><i>Skills and Knowledge (6 hrs)</i></b>	
<b><i>Courses in the Major (43 hrs)</i></b>	
AVIA 210* <i>Private Ground I</i>	2
AVIA 215* <i>Private Ground II</i>	2
AVIA 220* <i>Private Flight I</i>	3
AVIA 225* <i>Private Flight II</i>	3
AVIA 300 <i>Aviation Safety</i>	3
AVIA 305 <i>Airplane Aerodynamics</i>	3
AVIA 310* <i>Instrument Ground</i>	3
AVIA 315* <i>Commercial Ground</i>	3
AVIA 320* <i>Instrument Flight</i>	3
AVIA 325* <i>Commercial Flight</i>	1
AVIA 326* <i>Commercial Flight II</i>	1
AVIA 327* <i>Commercial Flight III</i>	1
AVIA 340 <i>Aviation Weather</i>	3
AVIA 360 <i>Corporate and Business Aviation</i>	3
AVIA 400 <i>Aerospace Law, Human Factors and Crew Resource Management</i>	3
AVIA 430 <i>Multi-Engine Theory and Advanced Aircraft Systems</i>	3
AVIA 455 <i>Turbine Engines and Jet Transports</i>	3
<b><i>Electives (35 hrs)</i></b>	
* <b><i>Advanced Standing (22 hrs) is awarded for Commercial Certificate. The following courses will be awarded: AVIA 210, 215, 220, 225, 310, 315, 320, 325, 326 &amp; 327.</i></b>	
TOTAL HOURS: 120 minimum; 30 hours must be upper level; 30 hours must be completed through LU (Online and/or Residential)	

<b>Aeronautics Major (B.S.)</b>	
<b><i>Aviation Maintenance Management Concentration</i></b>	
<b><i>General Education: Core Competency Requirements (36 hrs)</i></b>	
<b><i>Skills and Knowledge (6 hrs)</i></b>	
<b><i>Courses in the Major (57 hrs)</i></b>	
AVMT 100 <i>Aircraft Sciences I</i>	3
AVMT 102 <i>Aircraft Sciences II</i>	3
AVMT 104 <i>Maintenance Practices I</i>	3
AVMT 106 <i>Maintenance Practices II</i>	3
AVMT 200 <i>Airframe Auxiliary Systems</i>	3
AVMT 202 <i>Aircraft Electrical Systems</i>	3
AVMT 204 <i>Airframe Structures I</i>	3
AVMT 206 <i>Airframe Structures II</i>	3
AVMT 208 <i>Airframe Assembly and Inspection</i>	3
AVMT 210 <i>Airframe Hydraulic, Pneumatic, and Landing Gear Systems</i>	3
AVMT 212 <i>Reciprocating Engines</i>	3
AVMT 214 <i>Engine Electrical Systems</i>	3
AVMT 216 <i>Engine Auxiliary Systems I</i>	3
AVMT 218 <i>Engine Auxiliary Systems II</i>	3
AVMT 220 <i>Turbine Engines</i>	3
AVIA 300 <i>Aviation Safety</i>	3
AVIA 400 <i>Aerospace Law, Human Factors and Crew Resource Management</i>	3
AVIA 451 <i>Aviation Maintenance Operations</i>	3
AVIA 455 <i>Turbine Engines and Jet Transports</i>	3
<b><i>Aviation Maintenance Management Concentration (21 hrs)</i></b>	
BUSI 223 <i>Personal Finance</i>	3
BUSI 300 <i>Business Communications</i>	3
BUSI 301 <i>Business Law</i>	3
BUSI 310 <i>Principles of Management</i>	3
BUSI 330 <i>Principles of Marketing</i>	3
BUSI 342 <i>Human Resources Management</i>	3
BUSI 472 <i>Organization Ethics</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 30 hours must be 300-400 level; 30 hours must be completed through LU (Online and/or Residential)	

# School of Behavioral Sciences

## Administration

**Ronald Hawkins, B.A., M.Div., Ed.S., D.Min., Ed.D.**

*Vice President for Academic Affairs and Provost  
Founding Dean, School of Behavioral Sciences  
Professor of Counseling and Practical Theology*

**Marlene Carrilho, B.S., M.A., Ed.S.**

*Associate Dean, School of Behavioral Sciences  
Instructor of Psychology*

**Kevin Conner, B.S., M.A., M.Div.**

*Chair, School of Behavioral Sciences  
Assistant Professor of Psychology*

**Ester Warren, B.S., M.Ed., Ed.S.**

*Chair, School of Behavioral Sciences  
Instructor of Psychology*

**Haley Pinder, B.S., M.Ed.**

*Chair, School of Behavioral Sciences  
Instructor of Psychology*

**Jeffrey Boatner, B.A., M.A.**

*Chair, School of Behavioral Sciences  
Instructor of Psychology*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CatID=22> where faculty can be searched for by Department.

## PURPOSE

The School of Behavioral Sciences exists to promote an integrated understanding of science, practice, and faith. Programs prepare future graduates dedicated to impacting the fields of Psychology, Counseling, and Social Work within the context of a commitment to scientific competence and the demonstration of best practices supported by a Christian Worldview.

## DEGREE COMPLETION PLANS

Degree Completion Plans for programs offered by the School of Behavioral Sciences can be accessed online at <http://www.liberty.edu/index.cfm?PID=2981>.

## Department of Psychology

### Psychology Major (B.S.)

#### PURPOSE

The Department of Psychology exists to provide students with the knowledge and skills required for the development of a Biblically-integrated, evidenced-based psychological understanding of humankind focused on practical application and research.

#### PSI CHI HONOR SOCIETY

*Advisors: Dr. Marilyn Gadoski and Dr. Dennis Jennings*

Psi Chi is the International Honor Society for Psychology. Membership in Psi Chi is an earned honor which is for life. A permanent record of your membership is preserved at the Psi Chi

National Office and may be used for reference purposes such as applications for graduate school and jobs.

Psi Chi inductees are eligible to order and wear the Psi Chi honor cord at graduation. Copies of Psi Chi's magazine, *Eye on Psi Chi*, are available in the main PSYC office in DeMoss Hall. Psi Chi members are eligible to present research papers/posters at Psi Chi programs held at national and regional conventions. In addition, members may participate in Psi Chi's undergraduate and graduate research award competitions, and undergraduate members may submit their research for publication in the Psi Chi Journal of Undergraduate Research. The names of new members and activities of chapters are published in *Eye on Psi Chi*.

The Liberty Psi Chi chapter inducts new members once in the fall and once in the spring. Applications for the fall induction should be submitted between September 1 and October 15, and applications for the spring induction should be submitted between January 15 and February 28. To apply for membership, please fill out an application and return it and a check for \$55 to the Psychology office in DM 4008, or mail it to the address listed in the application. Do not submit applications by email. To be eligible to join the Liberty chapter of Psi Chi, students must meet the following requirements:

1. Registration for major or minor standing in Psychology.
2. Completion of at least 45 hours of college courses (this can include transfer courses).
3. Completion of at least 9 semester hours of Psychology courses with a PSYC prefix, excluding PSYC 101 and 210.
4. GPA of at least 3.50 in Liberty Psychology courses with a PSYC prefix, excluding PSYC 101 and 210.
5. Overall GPA of at least 3.35.
6. Check for \$55 that covers the lifetime Psi Chi national membership fee and Liberty's one-time dues (there are no additional annual dues).
7. Application must be submitted at least 2 months prior to student's graduation date.

You may email the current Psi Chi officers at [psichi@liberty.edu](mailto:psichi@liberty.edu) for additional information.

#### DANIELS PROGRAM

The Daniels Program was designed for students who have the desire and ability to pursue graduate training in psychology. Students in this Program work on applied research projects under the supervision of faculty members, and have the opportunity to present findings at conferences and submit articles for publication. Students can apply for this Program after completing PSYC 255 – *Introduction to Research*, and are selected on the basis of their grades, Christian character, and faculty recommendations. This Program provides students the opportunity to develop the research skills and experience that will improve their ability to gain acceptance and funding in competitive graduate programs.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate competence in the major concepts in psychology.
2. Interpret research data accurately.
3. Use critical thinking to solve problems related to behavior and mental processes.
4. Evaluate psychological concepts/theories as they relate to biblical thought.

5. Communicate effectively in written, oral, and technological formats.
6. Recognize and respect the complexity of socio-cultural and international diversity.

**Counseling, Clinical, or Research Concentration**

The student will be able to create advanced research designs.

**Counseling and Human Development Concentration**

The student will be able to evaluate developmental issues across the lifespan.

**Career Opportunities**

**Counseling, Clinical, or Research Concentration**

This concentration is designed for students pursuing a career that requires a doctoral degree in counseling, psychology, educational psychology, or related field. While this concentration does prepare students for graduate study in clinical psychology and counseling, it is also excellent preparation for other areas such as industrial/organizational, applied or quantitative psychology. This concentration is also the best choice for those students planning to apply to a competitive and selective master’s program in any area of psychology.

**Counseling and Human Development Concentration**

This concentration is designed for students seeking a career as a licensed counselor or psychologist that requires a master’s degree in a licensure track graduate program (e.g., Liberty’s M.A. in Professional Counseling). Graduates have pursued careers as professional counselors (including private practice), school counselors, and school psychologists. This concentration is also a good choice for students seeking employment in child development clinics, child or adult treatment centers, adult residential centers, or in any entry level position that requires only a bachelor’s degree.

**Programs of Study**

<b>Psychology Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Psychology Major Core (24 hrs)</b>		
PSYC 255	<i>Introduction to Research</i>	3
PSYC 312	<i>Social Psychology</i>	3
PSYC 341	<i>Psychology of Personality</i>	3
PSYC 354	<i>Statistics for the Social Sciences</i>	3
PSYC 355	<i>Statistics in Psychology</i>	3
PSYC 430	<i>Abnormal Psychology</i>	3
PSYC 498	<i>Senior Project – OR</i>	3
PSYC 499	<i>Internship</i>	
PSYC ___	Elective	3
<b>Concentration (24 hrs)</b>		

<b>Counseling, Clinical, or Research Concentration</b>		
<b>Concentration Courses (24 hrs)</b>		
PSYC 351	<i>Multicultural Counseling and Research Issues</i>	3
PSYC 365	<i>Psychological Foundations of Learning</i>	3
PSYC 371	<i>Theories in Counseling and Psychotherapy</i>	3
PSYC 380	<i>Physiological Psychology</i>	3
PSYC 401	<i>History and Systems of Psychology</i>	3
PSYC 421	<i>Psychological Measurement</i>	3
PSYC 440	<i>Experimental Design in Research: Application and Construction</i>	3
PSYC ___	Elective	3
<b>Directed Courses (Required) (1-10 hrs)*</b>		

BIOL 102	<i>Principles of Human Biology*</i>	3
BIOL 104	<i>Principles of Human Biology Lab</i>	1
PSYC 101	<i>General Psychology*</i>	3
PSYC 210	<i>Developmental Psychology*</i>	3
<b>Free Electives (6-13 hrs)</b>		
* These are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 39 hours must be 300-400 level.		

<b>Counseling and Human Development Concentration</b>		
<b>Concentration Courses (24 hrs)</b>		
PSYC 320	<i>Behavior Management</i>	3
PSYC 365	<i>Psychological Foundations of Learning</i>	3
PSYC 371	<i>Theories in Counseling and Psychotherapy</i>	3
PSYC 421	<i>Psychological Measurement</i>	3
PSYC ___	Elective	3
Choose three of the following courses:		
PSYC 221	<i>Psychology of Childhood</i>	9
PSYC 231	<i>Psychology of Adolescence</i>	
PSYC 235	<i>Psychology of Adulthood</i>	
PSYC 336	<i>Gerontology</i>	
<b>Directed Courses (Required) (0-9 hrs)*</b>		
BIOL 102	<i>Principles of Human Biology*</i>	3
PSYC 101	<i>General Psychology*</i>	3
PSYC 210	<i>Developmental Psychology*</i>	3
<b>Free Electives (7-14 hrs)</b>		
* These are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 36 hours must be 300-400 level.		

**Human Services Major (B.S.)**

**PURPOSE**

The B.S. in Human Services focuses on meeting the career goals of students who plan to enter the Human Services professions upon graduation. The courses offered within this degree provide the academic foundation necessary for students to be competitive and effective as they serve their communities.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in an array of human service theories.
2. Evaluate service delivery models and programs effectiveness.
3. Discuss ethical standards for human service workers.
4. Evaluate concepts within the field of human services as they relate to biblical thought.
5. Analyze the needs of diverse clients with an appreciation of multicultural perspectives.

**Career Opportunities**

This degree offering is for students who desire to enter the helping professions directly after completing their degree. The student can obtain entry-level (non-licensed) positions within the field of case management, human services, and community outreach programs. If a student desires to go to graduate school, it is highly recommended that PSYC 355 – *Statistics in Psychology* is taken as an elective course within this degree offering.

**Programs of Study****Human Services Major (B.S.)****General Education: Core Competency Requirements (58-65 hrs)****Courses in the Major (51-54 hrs)**

CJUS 310	<i>Juvenile Justice</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
PSYC 255	<i>Introduction to Research</i>	3
PSYC 305	<i>Overview of Theory and Treatment of Substance Abuse</i>	3
PSYC 317	<i>Crisis Intervention</i>	3
PSYC 320	<i>Behavior Management</i>	3
PSYC 345	<i>Exceptional Child – OR</i>	3
PSYC 430	<i>Abnormal Psychology</i>	
PSYC 351	<i>Multicultural Counseling and Research Issues – OR</i>	3
SOCI 340	<i>Human Societies: A Global View</i>	
PSYC 354	<i>Statistics for the Social Sciences</i>	3
PSYC 405	<i>Group Dynamics</i>	3
PSYC 420	<i>Psychology and the Bible</i>	3
SOCI 349	<i>Sociology of Disability</i>	3
SOWK 200	<i>Introduction to Social Work and Human Services</i>	3
HSER 201	<i>Survey of Human Services</i>	3
HSER 301	<i>Human Services Practices</i>	3
HSER 499	<i>Internship</i>	6-9
<b>Directed Courses (3-12 hrs)*</b>		
BIOL 102	<i>Principles of Human Biology</i>	3
PSYC 101	<i>General Psychology</i>	3
SOCI 200	<i>Introduction to Sociology</i>	3
SOCI 201	<i>Social Problems</i>	3

**Free Electives (1-8 hrs)**

\* These are approved General Education courses and may be counted in the Core Competency Requirements

TOTAL HOURS: 120 hours minimum required. Of this total, at least 39 hours must be 300-400 level courses.

**Psychology Minor****Psychology Minor (15 hrs)**

PSYC 101	<i>General Psychology</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
PSYC ____	<i>Electives (at least 6 hours 300-400 level)</i>	9

**Sociology Minor****PROGRAM LEARNING OUTCOME**

The student will be able to evaluate social dynamics within families and societies.

**Sociology Minor (15 hrs)**

SOCI 200	<i>Introduction to Sociology</i>	3
SOCI 201	<i>Social Problems</i>	3
<b>Choose three of the following courses:</b>		<b>9</b>
<b>(No more than two courses with a PSYC prefix from the following)</b>		
SOCI 313	<i>Social Organizations</i>	
SOCI 340	<i>Human Societies: A Global View</i>	
SOCI 349	<i>Sociology of Disability</i>	
SOCI 497	<i>Special Topics</i>	
SOWK 200	<i>Introduction to Social Work and Human Services</i>	
PSYC 305	<i>Overview of Theory and Treatment of Substance Abuse</i>	
PSYC 312	<i>Social Psychology</i>	
PSYC 317	<i>Crisis Intervention</i>	
PSYC 336	<i>Gerontology</i>	
PSYC 361	<i>Marriage and Family</i>	
PSYC 497	<i>Special Topics in Psychology</i>	
PSYC 499	<i>Internship</i>	

## School of Behavioral Sciences – Online Programs

### Department of Psychology

#### PURPOSE

The Department of Psychology exists to provide students with the knowledge and skills required for the development of a Biblically-integrated, evidenced-based psychological understanding of humankind focused on practical application and research.

#### Psychology Major (B.S.)

##### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate competence in the major concepts in psychology.
2. Interpret research data accurately.
3. Use critical thinking to solve problems related to behavior and mental processes.
4. Evaluate psychological concepts/theories as they relate to Biblical thought.
5. Communicate effectively in written, oral, and technological formats.
6. Recognize and respect the complexity of socio-cultural and international diversity.

#### Programs of Study

##### Psychology Major (B.S.)

###### General Education: Core Competency Requirements (36 hrs)

###### Skills and Knowledge (6 hrs)

###### Courses in the Major (39 hrs)

PSYC 210	Developmental Psychology	3
PSYC 221	Psychology of Childhood	3
PSYC 231	Psychology of Adolescence	3
PSYC 255	Introduction to Research	3
PSYC 341	Psychology of Personality	3
PSYC 354	Statistics for the Social Sciences	3
PSYC 355	Statistics in Psychology	3
PSYC 365	Psychological Foundations of Learning	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 380	Physiological Psychology	3
PSYC 421	Psychological Measurement	3
PSYC 430	Abnormal Psychology	3
PSYC 499	Internship	3

**Elective Courses (39 hrs)** [3 hrs or more may be needed to fulfill upper level requirement]

**TOTAL HOURS:** 120 minimum; 30 hours of upper-level courses

##### ADDICTIONS AND RECOVERY COGNATE

###### General Education: Core Competency Requirements (36 hrs)

###### Skills and Knowledge (6 hrs)

###### Core Courses (24 hrs)

PSYC 210	Developmental Psychology	3
PSYC 255	Introduction to Research	3
PSYC 341	Psychology of Personality	3
PSYC 354	Statistics for the Social Sciences	3
PSYC 355	Statistics in Psychology	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 430	Abnormal Psychology	3
PSYC 499	Internship	3

###### Cognate Courses (15 hrs)

PSYC 305	Overview of Theory and Treatment of Substance Abuse	3
PSYC 306	Advanced Theory and Treatment of Substance Abuse	3
PSYC 307	Treatment and Recovery (Online)	3
PSYC 308	Diagnosis and Treatment of Sexual Addiction	3
PSYC 309	Healthy Sexuality	3

###### Free Electives (39 hrs)

**TOTAL HOURS:** 120 minimum; 30 hours of upper-level courses

##### CHRISTIAN COUNSELING COGNATE

###### General Education: Core Competency Requirements (36 hrs)

###### Skills and Knowledge (6 hrs)

###### Core Courses (24 hrs)

PSYC 210	Developmental Psychology	3
PSYC 255	Introduction to Research	3
PSYC 341	Psychology of Personality	3
PSYC 354	Statistics for the Social Sciences	3
PSYC 355	Statistics in Psychology	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 430	Abnormal Psychology	3
PSYC 499	Internship	3

###### Cognate Courses (15 hrs)

CCOU 201	Introduction to Christian Counseling	3
CCOU 202	Issues of Christian Counseling	3

###### Choose three of the following courses:

CCOU 301	Christian Counseling for Marriage and Family	9
CCOU 302	Christian Counseling for Children	
CCOU 304	Christian Counseling for Women	
CCOU 305	Issues in Human Sexuality	

**Elective Courses (39 hrs)** [3 hrs or more may be needed to fulfill upper level requirement]

**TOTAL HOURS:** 120 minimum; 30 hours of upper-level courses

##### CRISIS COUNSELING COGNATE

###### General Education: Core Competency Requirements (36 hrs)

###### Skills and Knowledge (6 hrs)

###### Core Courses (24 hrs)

PSYC 210	Developmental Psychology	3
PSYC 255	Introduction to Research	3
PSYC 341	Psychology of Personality	3
PSYC 354	Statistics for the Social Sciences	3
PSYC 355	Statistics in Psychology	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 430	Abnormal Psychology	3
PSYC 499	Internship	3

###### Cognate Courses (15 hrs)

CRIS 302	Foundational Principles of Crisis Response	3
CRIS 303	Acute Stress, Grief and Trauma	3
CRIS 304	PTSD and Combat-Related Trauma	3
CRIS 305	Trauma Assessment & Interventions	3
CRIS 306	Complex Trauma and Disasters: Offering Emotional and Spiritual Care	3

###### Free Electives (39 hrs)

**TOTAL HOURS:** 120 minimum; 30 hours of upper-level courses

##### LIFE COACHING COGNATE

###### General Education: Core Competency Requirements (36 hrs)

###### Skills and Knowledge (6 hrs)

###### Core Courses (24 hrs)

PSYC 210	Developmental Psychology	3
PSYC 255	Introduction to Research	3
PSYC 341	Psychology of Personality	3
PSYC 354	Statistics for the Social Sciences	3
PSYC 355	Statistics in Psychology	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 430	Abnormal Psychology	3
PSYC 499	Internship	3

###### Cognate Courses (15 hrs)

LIFC 201	Introduction to Life Coaching	3
LIFC 202	Advanced Skills in Life Coaching	3

###### Choose three of the following courses:

LIFC 301	Health and Wellness Coaching	9
LIFC 302	Marriage Coaching	
LIFC 303	Financial Life Coaching	
LIFC 304	Leadership Professional Life Coaching	



**Free Electives (39 hrs)** 3 hrs or more may be needed to fulfill upper level requirement.

**TOTAL HOURS:** 120 minimum; 30 hours of upper-level courses

**MILITARY RESILIENCE COGNATE**

**General Education: Core Competency Requirements (36 hrs)**

**Skills and Knowledge (6 hrs)**

**Core Courses (24 hrs)**

PSYC 210	<i>Developmental Psychology</i>	3
PSYC 255	<i>Introduction to Research</i>	3
PSYC 341	<i>Psychology of Personality</i>	3
PSYC 354	<i>Statistics for the Social Sciences</i>	3
PSYC 355	<i>Statistics in Psychology</i>	3
PSYC 371	<i>Theories in Counseling and Psychotherapy</i>	3
PSYC 430	<i>Abnormal Psychology</i>	3
PSYC 499	<i>Internship</i>	3

**Cognate Courses (15 hrs)**

CRIS 302	<i>Foundational Principles of Crisis Response</i>	3
MILT 275	<i>The Resilient Warrior</i>	3
MILT 325	<i>Resilient Marriage and Family</i>	3
MILT 375	<i>Military Career and Community Transition</i>	3
MILT 475	<i>Military Mental Health and Behavioral Health</i>	3

**Free Electives (39 hrs)**

**TOTAL HOURS:** 120 minimum; 30 hours of upper-level courses

**CHRISTIAN COUNSELING COGNATE (9 hrs)**

CCOU 201	<i>Introduction to Christian Counseling</i>	3
CCOU 202	<i>Issues of Christian Counseling</i>	3
<b>Choose one of the following courses:</b>		3
CCOU 301	<i>Christian Counseling for Marriage and Family</i>	
CCOU 302	<i>Christian Counseling for Children</i>	
CCOU 304	<i>Christian Counseling for Women</i>	
CCOU 305	<i>Issues in Human Sexuality</i>	

**Christian Counseling Minor**

**Christian Counseling Minor (15 hrs)**

CCOU 201	<i>Introduction to Christian Counseling</i>	3
CCOU 202	<i>Issues of Christian Counseling</i>	3
<b>Choose three courses (9 hrs) from the following:</b>		9
CCOU 301	<i>Christian Counseling for Marriage and Family</i>	
CCOU 302	<i>Christian Counseling for Children</i>	
CCOU 304	<i>Christian Counseling for Women</i>	
CCOU 305	<i>Issues in Human Sexuality</i>	

**Psychology Minor**

**Psychology Minor (15 hrs)**

PSYC 101	<i>General Psychology</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
PSYC ___	Elective (100-400 level)	3
PSYC ___	Electives (300-400 level)	6

**Liberty University en Español**

The School of Behavioral Sciences also offers the Associate of Arts in Psychology and the Christian Counseling cognate online through Liberty University en Español. Additional information is available at <http://www.liberty.edu/online/lue-inicio/>.

**DEGREE COMPLETION PLANS**

Degree Completion Plans (DCP) for Liberty University Online programs are available at <http://www.liberty.edu/index.cfm?PID=2981>.

**Psychology Major (A.A.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Understand the basic concepts of psychology.
2. Analyze behavior within the context of major psychological theories.
3. Communicate effectively using appropriate research style and methods.

**Program of Study**

**Psychology Major (A.A.)**

**General Education: Core Competency Requirements (33 hrs)**

**Skills and Knowledge (6 hrs)**

**Courses in the Major (21 hrs)**

PSYC 210	<i>Developmental Psychology</i>	3
PSYC 221	<i>Psychology of Childhood</i>	3
PSYC 231	<i>Psychology of Adolescence – OR</i>	3
PSYC 235	<i>Psychology of Adulthood</i>	
PSYC 341	<i>Psychology of Personality</i>	3
PSYC ___	Electives	9

**TOTAL HOURS:** 60 minimum

**Undergraduate Certificates**

The School of Behavioral Sciences offers undergraduate certificates in several areas of study through Liberty University Online.

**CERTIFICATE COMPLETION REQUIREMENTS**

1. Complete 18 total hours with a 2.00 GPA
2. All courses must be completed through Liberty University
3. No grade of “D” may be applied to the certificate
4. Submission of Certificate Completion Application at beginning of final semester

**CERTIFICATE COMPLETION PLANS**

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

**Certificate in Military Resilience**

**PROGRAM LEARNING OUTCOME**

The student will be able to synthesize resiliency theory and intervention techniques within the military population.

**Military Resilience Certificate (18 hrs)**

MILT 275	<i>The Resilient Warrior</i>	3
MILT 325	<i>Resilient Marriage and Family</i>	3
MILT 375	<i>Military Career and Community Transition</i>	3
MILT 475	<i>Military Mental Health and Behavioral Health</i>	3
CRIS 302	<i>Foundational Principles of Crisis Response</i>	3
CRIS 304	<i>PTSD and Combat-Related Trauma</i>	3

# School of Business

## Administration

**Scott Hicks, B.S., M.B.A., Ph.D.**

*Dean, School of Business*

*Associate Professor of Business*

**Anita Satterlee, B.S., M.A., Ed.D.**

*Associate Dean, School of Business*

*Professor of Business*

**Earl Smith, B.S., M.B.A.**

*Interim Associate Dean, School of Business*

*Assistant Professor of Business*

**Michael J. Hart, B.S., M.S., M.A.R., Ed.D.**

*Chair, Business Management Information Systems*

*Associate Professor of Business Management Information Systems*

**Melanie Hicks, B.S., M.B.A., D.B.A.**

*Director of Accreditation*

*Co-Chair, Department of Accounting, Finance, and Economics*

*Professor of Accounting*

**Gene Sullivan, B.S., M.S., M.R.E., Ph.D., C.P.A.**

*Co-Chair, Department of Accounting, Finance, and Economics*

*Program Director, Doctor of Business Administration*

*Professor of Accounting*

**W. Michael Floyd, B.S., M.A.R.**

*Online Chair, School of Business*

*Adjunct Instructor, School of Religion*

**Eric Richardson, B.S., M.B.A., Ph.D.**

*Chair, Department of Human Resources, International Business,*

*Management, Project Management*

*Associate Professor of Business*

**David Calland, B.S., M.B.A., Ph.D.**

*Chair, School of Business*

*Associate Professor of Business*

**Terrence Conner, B.S., M.A.**

*Chair, School of Business*

*Assistant Professor of Business*

**David Duby, B.S., M.S., Ph.D., PMP**

*Chair, School of Business*

*Associate Professor of Business*

**W. Michael Floyd, B.S., M.A.R.**

*Online Chair, School of Business*

*Adjunct Instructor, School of Religion*

**Emily Knowles, B.S., M.A.**

*Chair, School of Business*

*Assistant Professor of Business*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CatID=22> where faculty can be searched for by Department.

## ACCREDITATION

Liberty University's School of Business has achieved voluntary accreditation from the Accreditation Council for Business Schools and Programs (ACBSP), demonstrating it has

met standards of business education that promote teaching excellence. Programs that have achieved accredited status include:

- A.A. in Accounting
- A.A. in Business
- A.A. in Business Management Information Systems
- B.S. in Accounting
- B.S. in Business Administration
- B.S. in Business Information Management Systems
- Master of Business Administration
- M.S. in Accounting

ACBSP accreditation encompasses both resident and distance learning programs.

## PURPOSE

To educate our Business students with the values, knowledge, and skills they need in the development of the whole person to enable them to impact their world. Inherent in this mission are the following fundamental imperatives:

1. That all teaching be given within a distinctively Christian worldview;
2. That the Word of God be honored as the final authority for life and practice;
3. That justice and ethics be exalted within a context of limited government and a free market system in a global economy;
4. That all of life's tasks are sacred and are to be done as unto the Lord;
5. That the education process be a collaboration with faculty and staff, helping to transform students into self sufficient, lifelong learners; and
6. That courses of instruction be designed and delivered to provide our graduates with a competitive advantage as they pursue their chosen careers.

## BUSINESS INTERNSHIP PROGRAM

Integration of theory and practice is the purpose of the Business Internship Program at Liberty. Hands-on learning, in addition to classroom learning, gives the student a perspective that is very valuable upon graduation. The internship experience provides a basis for career decisions, as well as experience that will assist the student in securing employment.

Juniors and seniors who wish to be considered for the internship program should contact the Business Internship Director to discuss qualifications for and the methods of obtaining internships.

## SIGMA BETA DELTA HONOR SOCIETY

Sigma Beta Delta is an honor society for students of business, management, or administration. The principles of the Society include wisdom, honor, and the pursuit of meaningful aspirations. The Society recognizes these three qualities as being important for success in the academic realm as well as providing guidelines which will lead to a fulfilling personal and professional life and a life distinguished by honorable service to humankind.

Membership is open to all accounting and business majors who rank in the upper 20 percent of the class.

## TEACHER LICENSURE

Teacher preparation and endorsement in Business is available through the School of Business in cooperation with the Teacher Education Department. Those wishing to pursue a teacher-related program should seek information from the Teacher Licensure Office in the School of Education.

**DEGREE COMPLETION PLANS**

Degree Completion Plans for programs offered by the School of Business can be accessed online at <http://www.liberty.edu/index.cfm?PID=2981>.

**Career Opportunities**

**Accounting**

Auditor	Internal Revenue Agent
Bank Officer	International Banking Office
Budget Analyst	Managerial Accounting
Controller	Certified Public Accountant
Cost Accounting	Tax Accountant
Credit Manager	Treasurer
Internal Auditor	Government Accountant

**Economics (usually requires graduate degree)**

Bank Economist	Economics Planner
Corporate	Economist Educator
Consulting Economist	Government Economist

**Finance**

Appraiser/Assessor	Loan Officer
Credit Manager	Management Consultant
Financial Analyst	Real Estate Agent/Broker
Insurance Adjuster	Securities Analyst
Insurance Agent/Broker	Securities Broker
Internal Revenue Agent	Treasurer
Investment Banker	Trust Officer

**Human Resource Management**

HR Generalist	Staffing Manager
HR Manager	Recruiting Manager
Compensation, Benefits and Job Analysis	Safety Manager
Compensation and Benefits Manager/Director	Equal Employment Specialist
Corporate Compensation and Benefits Executive	Employee and Labor Relations Specialist
	Training and Development

**International Business**

Communications Manager	Missions Ministry
Import/Export Manager	Administrator
Global Manager	Tour Industry Manager
International Financial Manager	U.S. Department of Homeland Security
International Marketing Manager	U.S. Department of Commerce International
International Transportation and Shipping Executive	Trade Specialist
	U.S. Department of State

**Management**

Branch Manager	Merchandising Manager
City Manager	Human Resource Manager
Department Manager	Retail Manager

**Marketing**

Account Executive	Insurance Agent/Broker
Advertising Executive	Real Estate Agent/Broker
Director of Marketing	Purchasing Agent
Hotel/Motel Manager	Merchandise Manager
Branch Sales Manager	Retail Manager
Product/Brand Manager	Sales Manager
Manufacturer Sales Representative	Sales Representative

**Accounting Major (B.S.)**

**PURPOSE**

Liberty University's accounting program prepares students to be effective leaders in business. The program develops the proficiency in communication and computer application skills needed to work with complex accounting issues. Students also learn to identify, analyze and appropriately deal with ethical dilemmas from a sound moral and biblical perspective.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Critically evaluate business transactions in accordance with generally accepted accounting principles within the various fields of the accounting discipline.
2. Analyze accounting transactions of third party preparers in accordance with generally accepted auditing standards.
3. Communicate effectively in written, oral, and technical venues.
4. Identify, evaluate, and appropriately deal with ethical dilemmas from a sound moral and biblical perspective.

**Program of Study**

<b>Accounting Major (B.S.)</b>		
<i>General Education: Core Competency Requirements (58-65 hrs)</i>		
<i>Core Courses in the Major (39 hrs)</i>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
ACCT 301	<i>Intermediate Accounting I</i>	3
ACCT 302	<i>Intermediate Accounting II</i>	3
ACCT 311	<i>Cost Accounting I</i>	3
ACCT 332	<i>Accounting Information Systems</i>	3
ACCT 340	<i>Accounting Ethics</i>	3
ACCT 401	<i>Taxation I</i>	3
ACCT 402	<i>Advanced Accounting</i>	3
ACCT 403	<i>Governmental and Not-for-Profit Accounting</i>	3
ACCT 404	<i>Auditing</i>	3
ACCT 412	<i>Taxation II</i>	3
BUSI 491	<i>Capstone: Accounting, Economics and Finance</i>	3
<i>Business and Economics Courses (15 hrs)</i>		
BUSI 301	<i>Business Law</i>	3
BUSI 303	<i>International Business</i>	3
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 411	<i>Operations Management</i>	3
<i>Directed Courses (Required) (3-12 hrs)*</i>		
BUSI 201	<i>Intermediate Business Computer Applications</i>	3
ECON 213	<i>Principles of Microeconomics</i>	3
MATH 121	<i>College Algebra –OR</i>	3
MATH 125	<i>Finite Mathematics –OR</i>	3
MATH 126	<i>Elementary Calculus for Business and Science</i>	3
MATH 201/	<i>Introduction to Probability and</i>	3
BUSI 230	<i>Statistics</i>	
<i>Free Electives (0-5)</i>		
<i>Accounting Internship</i>		0-6
* These are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 48 hours must be 300-400 level.		

**Business Administration Major (B.S.)**

**PURPOSE**

Liberty University's business administration program prepares students to be effective leaders in business. The program develops the proficiency in communication and computer application skills needed to work in all areas of business. Cognates have been developed to allow students to specialize in areas of interest.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Recognize ethical business practices within the context of the Christian worldview.
2. Use core business concepts and strategies to determine effective solutions to hypothetical and/or real life situations.
3. Apply business principles in the areas of legal environment, economics, business ethics, and global dimensions.
4. Identify and select appropriate business strategies and policies.

**Finance Concentration**

The student will be able to demonstrate the application of various financial analytical decision-making methods utilized by financial managers.

**Financial Planning Concentration**

The student will be able to apply financial and decision-making methods used by financial planners.

**Programs of Study**

<b>Business Administration Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Core Courses in the Major (39 hrs)</b>	
ACCT 211	Principles of Accounting I 3
ACCT 212	Principles of Accounting II 3
ECON 214	Principles of Macroeconomics 3
BUSI 301	Business Law 3
BUSI 303	International Business 3
BUSI 310	Principles of Management 3
BUSI 320	Corporate Finance 3
BUSI 330	Principles of Marketing 3
BUSI 340	Organizational Behavior 3
BUSI 342	Human Resource Management 3
BUSI 409	Non-Profit Management 3
BUSI 411	Operations Management 3
BUSI 472	Organizational Ethics 3
<b>Cognate/Concentration Courses (15-21 hrs)</b>	
<b>Directed Courses (Required) (3-12 hrs)*</b>	
BUSI 201	Intermediate Business Computer Applications 3
ECON 213	Principles of Microeconomics 3
MATH 201/	Introduction to Probability and Statistics 3
BUSI 230	
<b>Choose one of the following courses:</b> 3	
MATH 121	College Algebra
MATH 125	Finite Mathematics
MATH 126	Elementary Calculus for Business and Science
* These are approved General Education courses and may be counted in the Core Competency Requirements	

**Finance Concentration**

**Concentration Courses (21 hrs)**

ACCT 301	Intermediate Accounting	3
ACCT 370	Financial Statement Analysis	3
BUSI 321	Money and the Financial System	3
BUSI 405	Business and Economic Forecasting	3
BUSI 420	Investments	3
BUSI 422	Real Estate	3
BUSI 491	Capstone: Accounting, Economics and Finance	3

**NOTE: A business internship is strongly recommended.**

**TOTAL HOURS:** 121 hours minimum; at least 51 hours must be 300-400 level.

**Financial Planning Concentration**

**Concentration Courses (18 hrs)**

ACCT 401	Taxation I	3
BUSI 352	Financial and Retirement Planning	3
BUSI 354	Estate Planning	3
BUSI 420	Investments	3
BUSI 421	Insurance Planning/ Risk Management, Employee Benefits	3
BUSI 489	Capstone in Financial Planning	3

**Free Electives (0-2 hrs)**

**TOTAL HOURS:** 120 hours minimum; at least 48 hours must be 300-400 level.

**COMMUNICATIONS COGNATE**

**Cognate Courses (15 hrs)**

JOUR 225	Media Writing	3
SCOM 345	Persuasion	3
STCO 307	Strategic Communication	3
STCO 356	Digital/Social/Mobile Communication Strategies	3
BUSI 490	Capstone: Human Resource and Marketing Business Internship	3 0-6

**TOTAL HOURS:** 120 hours minimum; at least 42 hours must be 300-400 level.

**ECONOMICS COGNATE**

**Cognate Courses (15 hrs)**

GOVT 302	Modern Political and Economic Ideas	3
BUSI 321	Money and the Financial System	3
BUSI 405	Business and Economic Forecasting	3
BUSI 464	International Market Integration and Trade Agreements	3
BUSI 491	Capstone: Accounting, Economics and Finance	3

**Free Electives (0-5 hrs)**

**TOTAL HOURS:** 120 hours minimum; at least 45 hours must be 300-400 level..

**HUMAN RESOURCE MANAGEMENT COGNATE**

**Cognate Courses (15 hrs)**

BUSI 343	Employee and Labor Relations	3
BUSI 440	Compensation Management	3
BUSI 443	Workforce Planning and Employment	3
BUSI 444	Human Resource Development	3
BUSI 490	Capstone: Human Resource and Marketing	3

**Free Electives (0-5 hrs)**

**TOTAL HOURS:** 120 hours minimum; at least 45 hours must be 300-400 level..

<b>INTERNATIONAL BUSINESS COGNATE</b>			
<b>Cognate Courses (15 hrs)</b>			
BUSI 360	Contemporary Issues in International Business		3
BUSI 365	Global Industries and Operations		3
BUSI 464	International Market Integration and Trade Agreements		3
BUSI 465	Export Management Strategy		3
BUSI 492	Capstone: International Business and Project Management		3
<b>Free Electives (0-5 hrs)</b>			
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level..			

<b>MARKETING COGNATE</b>			
<b>Cognate Courses (15 hrs)</b>			
BUSI 331	Marketing Research		3
BUSI 431	Sales Management and Professional Selling		3
BUSI 438	Marketing Brand Management		3
BUSI 490	Capstone: Human Resource and Marketing		3
<b>Choose one of the following courses:</b>			
BUSI 430	Promotion Strategy		3
BUSI 435	Small Business Entrepreneurship		3
BUSI 436	Marketing in a Virtual World		3
BUSI 437	Global Marketing		3
<b>Free Electives (0-5 hrs)</b>			
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level..			

<b>PROJECT MANAGEMENT COGNATE</b>			
<b>Cognate Courses (15 hrs)</b>			
BUSI-313	Foundations of Project Management		3
BUSI 414	Project Management I		3
BUSI 415	Project Management II		3
BUSI 416	Leading Global Projects		3
BUSI 492	Capstone: International Business and Project Management		3
<b>Free Electives (0-5 hrs)</b>			
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level..			

<b>Business Administration Major (B.S.)</b>			
<b>Teacher Licensure Requirements</b>			
<b>General Education: Core Competency Requirements (58-65 hrs)</b>			
<b>Business Administration Core (42 hrs)</b>			
ACCT 211	Principles of Accounting I		3
ACCT 212	Principles of Accounting II		3
ECON 214	Principles of Macroeconomics		3
BUSI 301	Business Law		3
BUSI 303	International Business		3
BUSI 310	Principles of Management		3
BUSI 320	Corporate Finance		3
BUSI 330	Principles of Marketing		3
BUSI 340	Organizational Behavior I		3
BUSI 342	Human Resource Management		3
BUSI 409	Non-Profit Management		3
BUSI 411	Operations Management		3
BUSI 472	Organizational Ethics		3
BUSI 490	Capstone: Human Resource and Marketing		3
<b>Directed Courses (Required) (3-15 hrs)</b>			
BUSI 201	Intermediate Business Computer Applications		3
ECON 213	Principles of Microeconomics		3
MATH 201/	Introduction to Probability and Statistics		3
BUSI 230			3

PSYC 210	Developmental Psychology		3
Choose one of the following courses:			
MATH 121	College Algebra		3
MATH 125	Finite Mathematics		
MATH 126	Elementary Calculus for Business and Science		
<b>Teacher Licensure Requirements (31 hrs)</b>			
EDUC 125	Introduction to Education		1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning		2
EDUC 235	Content Instructional Design / Practicum	1/	2
EDUC 240	Introduction to Applied Educational Technology Practicum		2
EDUC 360	Foundations of Education		2
EDUC 419	Content Teaching Methods / Practicum	2/	1
EDUC 425	Content Measurement and Evaluation		3
EDUC 435	Content Curriculum Fundamentals / Practicum	2/	1
EDUC 475	Seminar in Classroom Management		2
EDUC 476	Student Teaching I		5
EDUC 477	Student Teaching II		5
* These are approved General Education courses and may be counted in the Core Competency Requirements			
<b>TOTAL HOURS:</b> 134 hours minimum required; at least 56 hours must be 300-400 level.			

### **Business Management Information Systems Major (B.S.)**

#### **PURPOSE**

The Business Management Information Systems (BMIS) discipline provides students with an applied knowledge of technology, focusing on the information side of the information technology industry. The BMIS discipline is concerned with ways in which computer technology can be optimized so that it can provide maximum benefit to a business.

Students in the BMIS major will study topics such as database management, information systems, networking and telecommunications, programming, project management, system analysis and design, and WWW architecture and design.

#### **PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate ethical business management information systems practices within the context of the Christian worldview.
2. Determine effective solutions to hypothetical and/or real life situations using core business management information systems principles and practices and/or tools and techniques.
3. Construct applications, designs, and plans in the areas of hardware, software, and web architecture for various program and database management systems.

#### **Career Opportunities**

Requirements Analyst	Information Specialist
Information Analyst	Computer Support Specialist
Information Systems Analyst	Help Desk Specialist
Programmer	Systems Testing Specialist
Business Systems Analyst	Database Administrator
Computer Systems Analyst	Computer Systems Administrator
Network Systems Analyst	Administrator
Data Communications Analyst	Network Systems Administrator
Information Systems Specialist	Teaching in Private and Public Schools

**Programs of Study**

<b>Business Management Information Systems Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (42 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BMIS 200/ BUSI 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 310/ CSCI 310	<i>Web Architecture and Development</i>	3
BMIS 320	<i>IS Hardware and Software</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS 330	<i>Business Data Communication Systems</i>	3
BMIS 340/ BUSI 417	<i>Studies in Information Security</i>	3
BMIS 351	<i>System Analysis and Design</i>	3
BMIS 405	<i>Business and Economic Forecasting</i>	3
BMIS 460	<i>IS Project Management</i>	3
<b>Cognate Courses (15 hrs)</b>		
<b>Directed Courses (Required) (3-12 hrs)*</b>		
BUSI 201	<i>Intermediate Business Computer Applications</i>	3
ECON 214	<i>Principles of Macro Economics</i>	3
MATH 121	<i>College Algebra</i>	3
MATH 201/ BUSI 230	<i>Introduction to Probability and Statistics</i>	3
<b>Free Electives (0-2 hrs)</b>		
<i>Business Internship</i>		0-6
*These courses may be counted in Foundational/Investigative Studies		

<b>ACCOUNTING INFORMATION SYSTEMS COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
ACCT 301	<i>Intermediate Accounting I</i>	3
ACCT 302	<i>Intermediate Accounting II</i>	3
ACCT 332	<i>Accounting Information Systems</i>	3
ACCT 404	<i>Auditing</i>	3
ACCT 432	<i>IT Audit</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>APPLICATION DEVELOPMENT COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 209	<i>C# Programming</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 312	<i>Advanced Object-Oriented Programming</i>	3
BMIS 375	<i>Introduction to Human-Computer Interaction</i>	3
BMIS 410	<i>Web Enterprise Technologies</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 39 hours must be 300-400 level.		

<b>DATA NETWORKING COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 331	<i>Networks</i>	3
BMIS 335	<i>Network Security</i>	3
BMIS 430	<i>Advanced Networking and Communication Systems</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3

<b>Choose one of the following courses:</b>		3
BMIS 499	<i>Internship</i>	
BMIS 410	<i>Web Enterprise Technologies</i>	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>DATABASE COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 312	<i>Advanced Object-Oriented Programming</i>	3
BMIS 326	<i>Introduction to Oracle</i>	3
BMIS 327	<i>Advanced Oracle</i>	3
<b>Choose one of the following courses:</b>		3
BMIS 499	<i>Internship</i>	
BMIS 410	<i>Web Enterprise Technologies</i>	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 42 hours must be 300-400 level.		

<b>GAMING TECHNOLOGIES COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 212	<i>Object-Oriented Programming</i>	3
ARTS 222	<i>Introduction to Graphic Design</i>	3
ARTS 342	<i>Digital Imaging</i>	3
ARTS 473	<i>Introduction to 3D Graphics</i>	3
ARTS 474	<i>Interactive Game Development</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 39 hours must be 300-400 level.		

<b>GLOBAL STUDIES COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
GLST 200	<i>Introduction to Global Studies</i>	3
GLST 350	<i>World Religions</i>	3
GLST 385	<i>Career Preparation for Global Workers</i>	3
GLST	<i>Electives Upper-Level</i>	6
<b>TOTAL HOURS:</b> 120 hours minimum; at least 42 hours must be 300-400 level.		

<b>INFORMATION ASSURANCE COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 331	<i>Networks</i>	3
BMIS 335	<i>Network Security</i>	3
BMIS 341/ CSCI 351	<i>Information Security Planning</i>	3
BMIS 342	<i>Cyber Security</i>	3
BMIS 440	<i>Digital Forensics</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>INTELLIGENCE COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
GOVT 380	<i>Introduction to Intelligence</i>	3
GOVT 381	<i>Intelligence Analysis</i>	3
GOVT 480	<i>Terrorism</i>	3
GOVT 481	<i>Counter-Terrorism</i>	3
<b>Choose one of the following courses:</b>		3
GOVT 483	<i>Military Intelligence</i>	
GOVT 484	<i>Strategic Intelligence</i>	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

**WEB DEVELOPMENT COGNATE****Cognate Courses (15 hrs)**

BMIS 410	<i>Web Enterprise Technologies</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3
ARTS 222	<i>Introduction to Graphic Design</i>	3
ARTS 342	<i>Digital Imaging</i>	3
ARTS 477	<i>Interactive Design I</i>	3

**TOTAL HOURS:** 120 hours minimum; at least 42 hours must be 300-400 level.

**Informatics Major (B.S.)****PURPOSE**

The Informatics (INFO) discipline provides students with the knowledge and skills needed to manage the relationship between information systems and people. The informatics program integrates social sciences with multidimensional information systems to develop the ability to evaluate complex information processing. Students will learn about expert, biological, and clinical decision support systems, models, and technology; management of informatics data in database management systems; informatics systems analysis, design, and implementation.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Conduct best practices in informatics while maintaining a Christian worldview.
2. Apply core informatics principles and practices to determine effective solutions to hypothetical and/or real life situations.
3. Design and maintain informatics solutions that meet desired requirements.

**Programs of Study****Informatics Major (B.S.)****General Education Requirements (59-63 hrs)****Core Courses in the Major (40 hrs)**

ACCT 211	<i>Principles of Accounting I</i>	3
BUSI 390	<i>Business Common Professional Components</i>	3
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS/	<i>Web Architecture and Development</i>	3
CSCI 310		
BMIS 320	<i>IS Hardware and Software</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS 330	<i>Business Data Communication Systems</i>	3
BMIS/	<i>Studies in Information Security</i>	3
CSCI 340/		
BUSI 417		
BMIS 351	<i>System Analysis and Design</i>	3
BMIS/CSCI/	<i>Introduction to Human-Computer Interaction</i>	3
ENGS 375		
INFO 305	<i>Quality Management and Decision Support</i>	3
INFO 405	<i>Informatics Information Systems</i>	3
NURS 105	<i>Medical Terminology</i>	1
<b>Cognate Courses (12 hrs)</b>		
<b>Directed Courses Required (3-12 hrs)</b>		
BUSI 201	<i>Intermediate Business Computer Applications</i>	3
ECON 214	<i>Principles of Macroeconomics</i>	3
MATH 121	<i>College Algebra</i>	3

MATH 201/	<i>Introduction to Probability and Statistics</i>	3
BUSI 230		
<b>Free Electives (2-6 hrs)</b>		

**HEALTHCARE INFORMATICS COGNATE****Cognate Courses (12 hrs)**

INFO 310	<i>Foundations of Pharmacology</i>	3
INFO 320	<i>Healthcare Informatics</i>	3
INFO 321	<i>Healthcare Coding and Classification</i>	3
INFO 410	<i>Healthcare Enterprise Systems</i>	3

**TOTAL HOURS:** 120 hours minimum required; at least 42 hours must be 300-400 level.

**Information Technology Major (B.S.)****PURPOSE**

The Information Technology (IT) discipline provides students with an applied knowledge of technology in a business environment. The information technology program is concerned with understanding the theoretical foundations of information technology, evaluation of appropriate information technology for business needs, and the management of organizational information technology resources. Students in the information technology major will study topics such as database management, computer programming, networking and telecommunications, information security, systems administration, integrative programming, human computer interaction, web architecture and development, information system hardware and software, and enterprise systems and integration.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Conduct best practices in information technology while maintaining a Christian worldview.
2. Apply core information technology principles and practices to determine effective solutions to hypothetical and/or real life situations.
3. Evaluate and maintain information technology solutions that meet desired requirements.

**Programs of Study****Information Technology Major (B.S.)****General Education Requirements (59-63 hrs)****Core Courses in the Major (39 hrs)**

BUSI 390	<i>Business Common Professional Components</i>	3
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS/	<i>Web Architecture and Development</i>	3
CSCI 310		
BMIS 312	<i>Advanced Object-Oriented Programming</i>	3
BMIS 320	<i>IS Hardware and Software</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS 330	<i>Business Data Communication Systems</i>	3
BMIS/	<i>Studies in Information Security</i>	3
CSCI 340/		
BUSI 417		
CSIS 352	<i>System Administration</i>	3
CSIS 354	<i>Integrative Programming and Technologies</i>	3
BMIS/CSCI/	<i>Introduction to Human-Computer Interaction</i>	3
ENGS 375		
CSIS 465	<i>Enterprise Systems and Integration</i>	3

<b>Cognate Courses (12-15 hrs)</b>		
<b>Directed Courses Required (3-12 hrs)</b>		
BUSI 201	Intermediate Business Computer Applications	3
ECON 214	Principles of Macroeconomics	3
MATH 121	College Algebra	3
MATH 201/	Introduction to Probability and Statistics	3
BUSI 230		
<b>Free Electives (0-7 hrs)</b>		

<b>APPLICATION AND DATABASE DEVELOPMENT COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
BMIS 209	C# Programming	3
BMIS 326	Introduction to Oracle	3
BMIS 327	Advanced Oracle	3
BMIS 499	Internship – OR	3
BMIS 410	Web Enterprise Technologies	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

<b>DATA NETWORKING AND SECURITY COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 331	Networks	3
BMIS 335	Network Security	3
BMIS 430	Advanced Networking and Communication Systems	3
BMIS 341	Information Security Planning	3
BMIS 499	Internship – OR	3
BMIS 342	Cyber Security	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 48 hours must be 300-400 level.		

<b>GAMING DESIGN COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
ARTS 222	Introduction to Graphic Design	3
ARTS 342	Digital Imaging	3
ARTS 473	Introduction to 3D Graphics	3
ARTS 474	Interactive Game Development	3
BMIS 499	Internship – OR	3
BMIS 209	C# Programming	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 45 hours must be 300-400 level.		

<b>WEB DEVELOPMENT COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 209	C# Programming	3
BMIS 410	Web Enterprise Technologies	3
ARTS 222	Introduction to Graphic Design	3
ARTS 342	Digital Imaging	3
BMIS 499	Internship – OR	3
ARTS 477	Interactive Design I	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

**Accounting Minor**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in basic accounting procedures and principles.
2. Communicate effectively using appropriate research style and methods.

<b>Accounting Minor (18 hrs)</b>		
ACCT 211	Principles of Accounting I	3
ACCT 212	Principles of Accounting II	3
ACCT 301	Intermediate Accounting I	3
ACCT 311	Cost Accounting	3
ACCT 401	Taxation	3
BUSI 301	Business Law	3

**Business Minor**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in core business principles and strategies.
2. Communicate effectively using appropriate research style and methods.

<b>Business Minor (18 hrs)</b>		
ACCT 211	Principles of Accounting I	3
ECON 214	Principles of Macroeconomics	3
BUSI 301	Business Law	3
BUSI 310	Principles of Management	3
BUSI 472	Organizational Ethics	3
Choose one of the following courses:		3
BUSI 303	International Business	
BUSI 330	Principles of Marketing	

**Business Management Information Systems Minor**

<b>Business Management Information Systems Minor (18 hrs)</b>		
BMIS 200	Enterprise Business Applications and Communications	3
BMIS 208	Application Programming	3
BMIS 212	Object-Oriented Programming	3
BMIS 325	Database Management Systems	3
BMIS 351	System Analysis and Design	3
BMIS 405	Business and Economic Forecasting	3



## School of Business – Online Programs

### PURPOSE

To educate our Business students with the values, knowledge, and skills they need in the development of the whole person to enable them to impact their world.

### Accounting Major (B.S.)

#### PURPOSE

Liberty University’s accounting program prepares students to be effective leaders in business. The program develops the proficiency in communication and computer application skills needed to work with complex accounting issues. Students also learn to identify, analyze and appropriately deal with ethical dilemmas from a sound moral and biblical perspective.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Critically evaluate business transactions in accordance with generally accepted accounting principles within the various fields of the accounting discipline.
2. Analyze accounting transactions of third party preparers in accordance with generally accepted auditing standards.
3. Communicate effectively in written, oral, and technical venues.
4. Identify, evaluate, and appropriately deal with ethical dilemmas from a sound moral and biblical perspective.

### Program of Study

Accounting Major (B.S.)		
<b>General Education Requirements (36 hrs)</b>		
<b>Skills and Knowledge (9 hrs)</b>		
<b>Core Courses (39 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
ACCT 301	<i>Intermediate Accounting I</i>	3
ACCT 302	<i>Intermediate Accounting II</i>	3
ACCT 311	<i>Cost Accounting I</i>	3
ACCT 332	<i>Accounting Information Systems</i>	3
ACCT 340	<i>Accounting Ethics</i>	3
ACCT 401	<i>Taxation I</i>	3
ACCT 402	<i>Advanced Accounting</i>	3
ACCT 403	<i>Governmental and Not-for-Profit Accounting</i>	3
ACCT 404	<i>Auditing</i>	3
ACCT 412	<i>Taxation II</i>	3
BUSI 400	<i>Strategic Planning/Business Policy</i>	3
<b>Business Courses (15 hrs)</b>		
BUSI 301	<i>Business Law</i>	3
BUSI 303	<i>International Business</i>	3
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Marketing</i>	3
BUSI 411	<i>Operations Management</i>	3
<b>Free Electives (21 hrs)</b>		
<b>TOTAL HOURS:</b> 120 minimum; at least 30 hours must be 300-400 level		

### Accounting Major (A.A.)

#### PURPOSE

Liberty University’s Associate of Arts in Accounting program is an introductory program designed to develop your competencies in such areas as financial, managerial, governmental, and non-profit accounting, auditing, and taxation. You will develop proficiency in communication and computer application skills in order to evaluate and synthesize common accounting problems. You will also learn to identify, analyze, and appropriately deal with ethical dilemmas from a sound moral and biblical perspective, utilizing critical thinking and problem-solving skills to formulate solutions.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate competence in basic accounting procedures and principles.
2. Communicate effectively using appropriate research style and methods.

### Program of Study

Accounting Major (A.A.)		
<b>General Education Requirements (33 hrs)</b>		
<b>Skills and Knowledge (6 hrs)</b>		
<b>Courses in the Major (21 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
ACCT 301	<i>Intermediate Accounting I</i>	3
ACCT 302	<i>Intermediate Accounting II</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
ACCT	Elective	3
<b>TOTAL HOURS:</b> 60 hours minimum required.		

### Business Administration Major (B.S.)

#### PURPOSE

Liberty University’s business administration program prepares students to be effective leaders in business. The program develops the proficiency in communication and computer application skills needed to work in all areas of business. Cognates have been developed to allow students to specialize in areas of interest.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Recognize ethical business practices within the context of the Christian worldview.
2. Use core business concepts and strategies to determine effective solutions to hypothetical and/or real life situations.
3. Apply business principles in the areas of: Legal Environment, Economics, Business Ethics, and Global Dimensions.
4. Identify and select appropriate business strategies and policies.

### Finance Concentration

The student will be able to demonstrate the application of various financial analytical decision-making methods utilized by financial managers.

**Financial Planning Concentration**

The student will be able to apply financial and decision-making methods used by financial planners.

**Programs of Study**

<b>Business Administration Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (36 hrs)</b>	
<b>Skills and Knowledge (6-9 hrs)<sup>1</sup></b>	
<b>Core Courses in the Major (42 hrs)</b>	
ACCT 211	Principles of Accounting I 3
ACCT 212	Principles of Accounting II 3
ECON 214	Principles of Macroeconomics 3
BUSI 301	Business Law 3
BUSI 303	International Business 3
BUSI 310	Principles of Management 3
BUSI 320	Corporate Finance 3
BUSI 330	Principles of Marketing 3
BUSI 340	Organizational Behavior I 3
BUSI 342	Human Resources Management 3
BUSI 400	Strategic Planning/Business Policy 3
BUSI 409	Non-Profit Management 3
BUSI 411	Operations Management 3
BUSI 472	Organizational Ethics 3
<b>Cognate/Concentration Courses (12-18 hrs)</b>	
<b>Free Electives (15-24 hrs)<sup>2</sup></b>	
<sup>1</sup> Skills and Knowledge courses for the Financial Planning Concentration and the Communications Cognate are 9 hours; Skills and Knowledge courses are 6 hours for all others	
<sup>2</sup> Elective course hours may also vary	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 30 hours must be 300-400 level.	

<b>Finance Concentration</b>	
<b>Concentration Courses (18 hrs)</b>	
ACCT 301	Intermediate Accounting I 3
ACCT 370	Financial Statement Analysis 3
BUSI 321	Money and the Financial System 3
BUSI 405	Business and Economic Forecasting 3
BUSI 420	Investments 3
BUSI 422	Real Estate 3
<b>Free Electives (18 hrs)</b>	

<b>Financial Planning Concentration</b>	
<b>Concentration Courses (18 hrs)</b>	
ACCT 401	Taxation I 3
BUSI 352	Financial and Retirement Planning 3
BUSI 354	Estate Planning 3
BUSI 420	Investments 3
BUSI 421	Insurance Planning/Risk Management/Employee Benefits 3
BUSI 489	Capstone in Financial Planning 3
<b>Free Electives (15 hrs)</b>	

<b>COMMUNICATIONS COGNATE</b>	
<b>Cognate Courses (12 hrs)</b>	
JOUR 225	Media Writing 3
SCOM 345	Persuasion 3
STCO 307	Strategic Communication 3
STCO 356	Digital/Social/Mobile Marketing 3
<b>Free Electives (21 hrs)</b>	

<b>ECONOMICS COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
BUSI 321	Money and the Financial System	3
BUSI 464	International Market Integration and Trade Agreements	3
ECON 350	Classical Economics	3
GOVT 302	Modern Political and Economic Ideas	3
<b>Free Electives (24 hrs)</b>		

<b>ENTREPRENEURSHIP COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
BUSI 423	Franchising	3
BUSI 424	E-Commerce	3
BUSI 425	Family Business Management	3
BUSI 435	Small Business Entrepreneurship	3
<b>Free Electives (24 hrs)</b>		

<b>GREEN AND SUSTAINABLE MANAGEMENT COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
ENVR 320	Environment and Sustainability	3
ENVR 330	Energy Resources and Efficiencies	3
ENVR 350	Environmental Science and Policy	3
ENVR 370	Geographic Information Systems (GIS)	3
<b>Free Electives (24 hrs)</b>		

<b>HEALTHCARE MANAGEMENT COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
HLTH 252	Drugs in Society	3
HLTH 349	Public and Community Health for Business	3
HLTH 419	Wellness and Behavior Change Theories for Business	3
HLTH 491	Grantsmanship	3
<b>Free Electives (24 hrs)</b>		

<b>HUMAN RESOURCE MANAGEMENT COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
BUSI 343	Employee and Labor Relations	3
BUSI 440	Compensation Management	3
BUSI 443	Workforce Planning and Employment	3
BUSI 444	Human Resource Development	3
<b>Free Electives (24 hrs)</b>		

<b>INTERNATIONAL BUSINESS COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
BUSI 360	Contemporary Issues in International Business	3
BUSI 365	Global Industries and Operations	3
BUSI 464	International Market Integration and Trade Agreements	3
BUSI 465	Export Management Strategy	3
<b>Free Electives (24 hrs)</b>		

<b>LEADERSHIP COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BUSI 313	Foundations of Project Management	3
BUSI 335	Leading Change	3
BUSI 345	Leadership Theory and Practices	3
BUSI 427	Team Dynamics	3
BUSI 455	Conflict Resolution and Management	3
<b>Free Electives (21 hrs)</b>		

**MARKETING COGNATE**

<b>Cognate Courses (12 hrs)</b>		
BUSI 321	<i>Money and the Financial System</i>	3
BUSI 331	<i>Marketing Research</i>	3
BUSI 430	<i>Promotion Strategy</i>	3
BUSI 433	<i>Marketing Management</i>	3
<b>Free Electives (24 hrs)</b>		

**PROJECT MANAGEMENT COGNATE**

<b>Cognate Courses (12 hrs)</b>		
BUSI 313	<i>Foundations of Project Management</i>	3
BUSI 414	<i>Project Management I</i>	3
BUSI 415	<i>Project Management II</i>	3
BUSI 416	<i>Leading Global Projects</i>	3
<b>Free Electives (24 hrs)</b>		

**PUBLIC ADMINISTRATION COGNATE**

<b>Cognate Courses (12 hrs)</b>		
GOVT 360	<i>Introduction to Public Administration</i>	3
GOVT 462	<i>Public Finance and Budgeting</i>	3
GOVT 470	<i>Government Regulations of Business</i>	3
GOVT 475	<i>Advanced Public Administration</i>	3
<b>Free Electives (24 hrs)</b>		

**GENERAL COGNATE**

Choose four courses (12 hrs) of any upper level  
ACCT, BUSI or ECON course not listed in the core  
**Free Electives (24 hrs)**

**Business Management Information Systems  
Major (B.S.)**

**PURPOSE**

The Business Management Information Systems (BMIS) discipline provides students with an applied knowledge of technology, focusing on the information side of the information technology industry. The BMIS discipline is concerned with ways in which computer technology can be optimized so that it can provide maximum benefit to a business.

Students in the BMIS major will study topics such as database management, information systems, networking and telecommunications, programming, project management, system analysis and design, and WWW architecture and design.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate ethical business management information systems practices within the context of the Christian Worldview.
2. Determine effective solutions to hypothetical and/or real life situations using core business management information systems principles and practices and/or tools and techniques.
3. Construct applications, designs and plans in the areas of hardware, software and web architecture for various program and database systems.

**Programs of Study**

**Business Management Information Systems Major (B.S.)**

**General Education: Core Competency Requirements (36 hrs)  
Skills and Knowledge (9 hrs)**

<b>Core Courses in the Major (42 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 310	<i>Web Architecture and Development</i>	3
BMIS 320	<i>IS Hardware and Software</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS 330	<i>Business Data Communication Systems</i>	3
BMIS 340	<i>Studies in Information Security</i>	3
BMIS 351	<i>System Analysis and Design</i>	3
BMIS 405	<i>Business and Economic Forecasting</i>	3
BMIS 460	<i>IS Project Management</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3

**Cognate Courses (15 hrs)**

**Free Electives (18 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 30 hours must be 300-400 level.

**ACCOUNTING INFORMATION SYSTEMS COGNATE**

<b>Cognate Courses (15 hrs)</b>		
ACCT 301	<i>Intermediate Accounting I</i>	3
ACCT 302	<i>Intermediate Accounting II</i>	3
ACCT 332	<i>Accounting Information Systems</i>	3
ACCT 404	<i>Auditing</i>	3
ACCT 432	<i>IT Audit</i>	3

**APPLICATION DEVELOPMENT COGNATE**

<b>Cognate Courses (15 hrs)</b>		
BMIS 209	<i>C# Programming</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 312	<i>Advanced Object-Oriented Programming</i>	3
BMIS 375	<i>Introduction to Human-Computer Interaction</i>	3
BMIS 410	<i>Web Enterprise Technologies</i>	3

**DATABASE COGNATE**

<b>Cognate Courses (15 hrs)</b>		
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 312	<i>Advanced Object Oriented Programming</i>	3
BMIS 326	<i>Introduction to Oracle</i>	3
BMIS 327	<i>Advanced Oracle</i>	3
BMIS 410	<i>Web Enterprise Technologies – OR –</i>	3
BMIS 499	<i>Internship</i>	

**DATA NETWORKING COGNATE**

<b>Cognate Courses (15 hrs)</b>		
BMIS 331	<i>Networks</i>	3
BMIS 335	<i>Network Security</i>	3
BMIS 430	<i>Advanced Networking and Communication Systems</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3
BMIS 410	<i>Web Enterprise Technologies – OR –</i>	3
BMIS 499	<i>Internship</i>	

**GAMING TECHNOLOGIES COGNATE****Cognate Courses (15 hrs)**

ARTS 222	<i>Desktop Publishing</i>	3
ARTS 342	<i>Digital Imaging</i>	3
ARTS 473	<i>Introduction to 3D Graphics</i>	3
ARTS 474	<i>Interactive Game Development</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3

**INFORMATION ASSURANCE COGNATE**

BMIS 331	<i>Networks</i>	3
BMIS 335	<i>Network Security</i>	3
BMIS 341	<i>Information Security Planning</i>	3
BMIS 342	<i>Cyber Security</i>	3
BMIS 440	<i>Digital Forensics</i>	3

**INTELLIGENCE COGNATE****Cognate Courses (15 hrs)**

GOVT 380	<i>Introduction to Intelligence</i>	3
GOVT 381	<i>Intelligence Analysis</i>	3
GOVT 480	<i>Terrorism</i>	3
GOVT 481	<i>Counter-Terrorism</i>	3
GOVT 483	<i>Military Intelligence – OR –</i>	3
GOVT 484	<i>Strategic Intelligence</i>	

**WEB DEVELOPMENT COGNATE****Cognate Courses (15 hrs)**

ARTS 222	<i>Desktop Publishing</i>	3
ARTS 342	<i>Digital Imaging</i>	3
ARTS 477	<i>Interactive Design I</i>	3
BMIS 410	<i>Web Enterprise Technologies</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3

**Informatics Major (B.S.)****PURPOSE**

The Informatics (INFO) discipline provides students with the knowledge and skills needed to manage the relationship between information systems and people. The informatics program integrates social sciences with multidimensional information systems to develop the ability to evaluate complex information processing. Students will learn about expert, biological, and clinical decision support systems, models, and technology; management of informatics data in database management systems; informatics systems analysis, design, and implementation.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Conduct best practices in informatics while maintaining a Christian worldview.
2. Apply core informatics principles and practices to determine effective solutions to hypothetical and/or real life situations.
3. Design and maintain informatics solutions that meet desired requirements.

**Programs of Study****Informatics Major (B.S.)****General Education: Core Competency Requirements (36 hrs)****Skills and Knowledge (9 hrs)****Core Courses in the Major (43 hrs)**

ACCT 211	<i>Principles of Accounting I</i>	3
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 310	<i>Web Architecture and Development</i>	3
BMIS 320	<i>IS Hardware and Software</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS 330	<i>Business Data Communication Systems</i>	3
BMIS 340	<i>Studies in Information Security</i>	3
BMIS 351	<i>System Analysis and Design</i>	3
BMIS 375	<i>Introduction to Human-Computer Interaction</i>	3
BUSI 390	<i>Business Common Professional Components</i>	3
HLTH 221	<i>Applied Human Anatomy and Physiology I</i>	3
INFO 305	<i>Quality Management and Decision Support</i>	3
INFO 405	<i>Informatics Information Systems</i>	3
NURS 105	<i>Medical Terminology</i>	1

**Cognate Courses (12 hrs)****Free Electives (20 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 30 hours must be 300-400 level.

**HEALTHCARE INFORMATICS COGNATE****Cognate Courses (12 hrs)**

INFO 310	<i>Foundations of Pharmacology</i>	3
INFO 320	<i>Healthcare Informatics</i>	3
INFO 321	<i>Healthcare Coding and Classification</i>	3
INFO 410	<i>Healthcare Enterprise Systems</i>	3

**Information Technology Major (B.S.)****PURPOSE**

The Information Technology (IT) discipline provides students with an applied knowledge of technology in a business environment. The information technology program is concerned with understanding the theoretical foundations of information technology, evaluation of appropriate information technology for business needs, and the management of organizational information technology resources. Students in the information technology major will study topics such as database management, computer programming, networking and telecommunications, information security, systems administration, integrative programming, human computer interaction, web architecture and development, information system hardware and software, and enterprise systems and integration.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Conduct best practices in information technology while maintaining a Christian worldview.
2. Apply core information technology principles and practices to determine effective solutions to hypothetical and/or real life situations.
3. Evaluate and maintain information technology solutions that meet desired requirements.

**Programs of Study**

<b>Information Technology Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (36 hrs)</b>		
<b>Skills and Knowledge (9 hrs)</b>		
<b>Core Courses in the Major (39 hrs)</b>		
BMIS 200	Enterprise Business Applications and Communications	3
BMIS 212	Object-Oriented Programming	3
BMIS 310	Web Architecture and Development	3
BMIS 312	Advanced Object-Oriented Programming	3
BMIS 320	IS Hardware and Software	3
BMIS 325	Database Management Systems	3
BMIS 330	Business Data Communication Systems	3
BMIS 340	Studies in Information Security	3
BMIS 375	Introduction to Human-Computer Interaction	3
BUSI 390	Business Common Professional Components	3
CSIS 352	System Administration	3
CSIS 354	Integrative Programming and Technologies	3
CSIS 465	Enterprise Systems and Integration	3
<b>Cognate Courses (12 – 15 hrs)</b>		
<b>Free Electives (21 – 24 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 30 hours must be 300-400 level.		

<b>APPLICATION AND DATABASE DEVELOPMENT COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
BMIS 209	C# Programming	3
BMIS 326	Introduction to Oracle	3
BMIS 327	Advanced Oracle	3
BMIS 410	Web Enterprise Technologies – OR –	3
BMIS 499	Internship	
<b>Free Electives (24 hrs)</b>		

<b>DATA NETWORKING AND SECURITY COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
BMIS 331	Networks	3
BMIS 335	Network Security	3
BMIS 341	Information Security Planning	3
BMIS 342	Cyber Security – OR –	3
BMIS 499	Internship	
BMIS 430	Advanced Networking and Communication Systems	3
<b>Free Electives (21 hrs)</b>		

<b>GAMING DESIGN COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
ARTS 222	Introduction to Graphic Design	3
ARTS 342	Digital Imaging	3
ARTS 473	Introduction to 3D Graphics	3
ARTS 474	Interactive Game Development	3
BMIS 209	C# Programming – OR –	3
BMIS 499	Internship	
<b>Free Electives (21 hrs)</b>		

<b>WEB DEVELOPMENT COGNATE</b>		
<b>Cognate Courses (15 hrs)</b>		
ARTS 222	Introduction to Graphic Design	3
ARTS 342	Digital Imaging	3
ARTS 477	Interactive Design I – OR –	3
BMIS 499	Internship	
BMIS 209	C# Programming	3
BMIS 410	Web Enterprise Technologies	3
<b>Free Electives (21 hrs)</b>		

**Business Major (A.A.)**

**PURPOSE**

Liberty University’s Associate of Arts in Business program is an introductory program designed to develop your competencies in business administration. You will develop proficiency in communication and computer application skills in order to evaluate and synthesize common management problems. You will also learn to identify, analyze, and appropriately deal with management ethical dilemmas from a sound moral and biblical perspective, utilizing critical thinking and problem-solving skills to formulate solutions.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in core business principles and strategies.
2. Communicate effectively using appropriate research style and methods.

**Program of Study**

<b>Business Major (A.A.)</b>		
<b>General Education: Core Competency Requirements (33 hrs)</b>		
<b>Skills and Knowledge (6 hrs)</b>		
<b>Courses in the Major (21 hrs)</b>		
ACCT 211	Principles of Accounting I	3
ACCT 212	Principles of Accounting II	3
BUSI 300	Business Communications	3
BUSI 301	Business Law	3
BUSI 303	International Business	3
BUSI 310	Principles of Management	3
BUSI ____	Elective	3
<b>TOTAL HOURS:</b> 60 hours minimum required.		

**Business Management Information Systems Major (A.A.)**

**PURPOSE**

Liberty University’s Associate of Arts in Business Management Information Systems program is designed to introduce students to an applied knowledge of technology, focusing on the information side of the information technology industry. The BMIS discipline is concerned with ways in which computer technology can be optimized so that it can provide maximum benefit to a business.

**PROGRAM LEARNING OUTCOME**

The student will be able to determine effective solutions to hypothetical and/or real life situations using core business management information systems principles and practices and/or tools and techniques.

**Program of Study**

<b>Business Management Information Systems Major (A.A.)</b>		
<b>General Education: Core Competency Requirements (33 hrs)</b>		
<b>Skills and Knowledge (6 hrs)</b>		
<b>Courses in the Major (21 hrs)</b>		
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 310	<i>Web Architecture and Development – OR –</i>	3
BMIS 330	<i>Business Data Communication Systems</i>	
BMIS 325	<i>Database Management Systems</i>	3
BMIS 351	<i>System Analysis and Design</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
<b>TOTAL HOURS: 60 hours minimum required</b>		

**Accounting Minor****PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in basic accounting procedures and principles.
2. Communicate effectively using appropriate research style and methods.

<b>Accounting Minor (18 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
ACCT 301	<i>Intermediate Accounting I</i>	3
ACCT 311	<i>Cost Accounting I</i>	3
ACCT 401	<i>Taxation I</i>	3
BUSI 301	<i>Business Law</i>	3

**Business Minor****PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in core business principles and strategies.
2. Communicate effectively using appropriate research style and methods.

<b>Business Minor (18 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ECON 214	<i>Principles of Macroeconomics</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 472	<i>Organizational Ethics</i>	3
Choose one of the following:		3
BUSI 303	<i>International Business</i>	
BUSI 330	<i>Principles of Marketing</i>	

**Business Management Information Systems Minor**

<b>Business Management Information Systems Minor (15 hrs)</b>		
BMIS 208	<i>Application Programming</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS ___	Electives (300-400 level)	6

**Liberty University en Español**

The School of Business also offers the Associate of Arts in Business and the Certificate in Business online through Liberty University en Español. Additional information is available at <http://www.liberty.edu/online/lue-inicio/>.

**DEGREE COMPLETION PLANS**

Degree Completion Plans for online programs offered by the School of Business can be accessed at <http://www.liberty.edu/index.cfm?PID=2981>.

## *Undergraduate Certificates*

### **CERTIFICATE COMPLETION REQUIREMENTS**

1. Complete 18 total hours with a 2.00 GPA
2. All courses must be completed through Liberty University
3. No grade of “D” may be applied to the certificate
4. Submission of Certificate Completion Application at beginning of final semester

### **CERTIFICATE COMPLETION PLANS**

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

### *Certificate in Accounting*

<b>Accounting Certificate (18 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
ACCT 301	<i>Intermediate Accounting I</i>	3
ACCT 302	<i>Intermediate Accounting II</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3

### *Certificate in Application Development*

<b>Application Development Certificate (18 hrs)</b>		
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 209	<i>C# Programming</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 312	<i>Advanced Object-Oriented Programming</i>	3
BMIS 375	<i>Introduction to Human-Computer Interaction</i>	3

### *Certificate in Business Administration*

<b>Business Administration Certificate (18 hrs)</b>		
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 340	<i>Organizational Behavior I</i>	3
BUSI 342	<i>Human Resource Management</i>	3
BUSI 472	<i>Organizational Ethics</i>	3

### *Certificate in Data Networking*

<b>Data Networking Certificate (18 hrs)</b>		
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 330	<i>Business Data Communication System</i>	3
BMIS 331	<i>Networks</i>	3
BMIS 335	<i>Network Security</i>	3
BMIS 430	<i>Advanced Networking and Communication Systems</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3

### *Certificate in Database*

<b>Database Certificate (18 hrs)</b>		
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS 326	<i>Introduction to Oracle</i>	3
BMIS 327	<i>Advanced Oracle</i>	3

### *Certificate in Information Assurance*

<b>Information Assurance Certificate (18 hrs)</b>		
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 330	<i>Business Data Communication System</i>	3
BMIS 331	<i>Networks</i>	3
BMIS 335	<i>Network Security</i>	3
BMIS 341	<i>Information Security Planning</i>	3
BMIS 342	<i>Cyber Security</i>	3

### *Certificate in International Business*

<b>International Business Certificate (18 hrs)</b>		
BUSI 303	<i>International Business</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 360	<i>Contemporary Issues in International Business</i>	3
BUSI 365	<i>Global Industries and Operations</i>	3
BUSI 464	<i>International Market Integration and Trade Agreements</i>	3
BUSI 465	<i>Export Management Strategy</i>	3

### *Certificate in Web Development*

<b>Web Development Certificate (18 hrs)</b>		
BMIS 200	<i>Enterprise Business Applications and Communications</i>	3
BMIS 208	<i>Application Programming</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 310	<i>Web Architecture and Development</i>	3
BMIS 410	<i>Web Enterprise Technologies</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3

# School of Communication & Creative Arts

## Administration

**Norman C. Mintle, B.A., M.A., Ph.D.**

Dean, School of Communication & Creative Arts  
Associate Professor

**Scott M. Hayes, B.F.A., M.F.A.**

Associate Dean, School of Communication & Creative Arts  
Associate Professor of Theatre Arts

**Linda N. Cooper, B.S., M.A.**

Chair, Department of Theatre Arts  
Associate Professor of Theatre Arts

**Bruce Kirk, B.G.S., M.A.**

Chair, Department of Digital Media & Communication Arts  
Associate Professor of Communication Studies

**Cecil V. Kramer, Jr., B.S., M.A., M.Div., D.Min.**

Director of Graduate Programs  
Professor of Communication Studies

**Stephan Schultze, B.A., M.A.**

Executive Director, Cinematic Arts – Zaki Gordon Center

**A. Todd Smith, B.A., B.S., M.F.A.**

Chair, Department of Studio & Digital Arts  
Professor of Studio & Digital Arts

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CatID=22> where faculty can be searched for by Department.

## PURPOSE

The School of Communication & Creative Arts, comprised of the Cinematic Arts–Zaki Gordon Center along with the Departments of Digital Media & Communication Arts, Studio and Digital Arts, and Theatre Arts, offers undergraduate and graduate degrees in order to prepare artists and scholars in the practice and theory of the communication arts. Cinematic Arts is a full immersion program for Juniors and Seniors. Majors, by department, include: Digital Media & Communication Arts: Digital Media, Journalism, Speech Communication, and Strategic Communication; Studio & Digital Arts: concentrations in Graphic Design and Studio Art; Theatre Arts: concentrations in Arts Administration, Dramaturgy, Performance and Production.

## TEACHER LICENSURE

Teacher preparation and endorsement is available in Art Education and Theatre Arts. Add-on endorsements in theatre, journalism, speech communication and studio art are available through the School of Communication & Creative Arts in cooperation with the Teacher Education Department. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at [www.liberty.edu/uguide](http://www.liberty.edu/uguide).

## Cinematic Arts – Zaki Gordon Center

**Stephan Schultze, B.A., M.A.**

Executive Director, Cinematic Arts – Zaki Gordon Center

### PURPOSE

Cinema is a unique form of communication and the purpose of the Cinematic Arts – Zaki Gordon Center is to glorify God by reflecting the truths of Scripture through cinema. The Cinematic Arts – Zaki Gordon Center at Liberty University is distinctive because of its approach in training the next generation of filmmakers in a Christ-focused environment. Dr. Jerry Falwell coined “Saturation Evangelism” as the ability to reach every available person through every available means. Liberty University’s Cinematic Arts – Zaki Gordon Center supports the scope of that mission.

### Cinematic Arts Major (B.S.)

#### PURPOSE

Learning how to create impactful and professionally produced films that have a competitive edge will help insure that new filmmakers and the message of Christ will stand out in a content driven marketplace.

The B.S. in Cinematic Arts is a 2-year *full immersion\**, *cohort \*\* program* that students enter in the fall of their junior year. Students who have completed their general education, CINE 201, CINE 202, and CINE 203 courses can apply for admission to the Center for Cinematic Arts program.

**\*FULL IMMERSION** – 5 days a week instruction that could include 8-12 hours with professors a day. This hands-on instruction will produce the best learning environment, mirroring a real world model for product driven outcomes.

**\*\*COHORT** – A fixed group of 16-20 students who have been accepted into the Cinematic Arts Major after applying to continue in the B.S. in Cinematic Arts program. (Cohort students are advised not to take classes outside of the B.S Cinematic Arts Major)

**NOTE:** Admission to continue in the B.S. in Cinematic Arts is an application and acceptance process. If possible, it is advised that students declare Cinematic Arts as their major their freshman year. Students must work closely with their academic advisor as they work through their Degree Completion Plan (DCP) and should schedule a meeting with a faculty member in the Cinematic Arts Program to gain insight on the application process and ask questions as needed.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Integrate thematic values in storytelling.
2. Determine personnel and technical elements relevant to the visual content of the story.
3. Evaluate the distribution model for a movie.
4. Justify moral decisions related to moviemaking based biblical worldview/principles.

#### PROGRAM APPLICATION PROCEDURES

In order to continue in the Cinematic Arts Program, students must be accepted into the program through an application process that starts second semester of a student’s sophomore year. In



In addition to the general admission requirements, students must meet the following admission requirements to apply to continue into the program in their Junior year:

1. Unofficial university transcripts that provide proof of completion of CORE classes: CINE 201, CINE 202, and 203 with at least a B average
2. One letter of recommendation from:
  - a. University instructor or staff member
  - b. Past or present employer or peer
3. Essay/pitch (1,000 words) telling the story of a film the student wants to make
4. Written letter explaining why the student wants to be a
5. Oral interview (by appointment)

**NOTE:** Films, DVDs or videotapes will not be accepted with application to the program.

**REGARDING EARLY ACCEPTANCE**

Students that have declared Cinematic Arts as their major may apply at any time for early acceptance into the program. This early acceptance is conditional upon the following:

1. The student has a **minimum overall undergraduate GPA of 3.0** before entering the cohort program. (Usually spring of their sophomore year)
2. The student has not received a **final grade lower than a "C" in any undergraduate course.**
3. The student does not have **more than two unexcused absences** in any of the CINE core classes (CINE 201, CINE 202, CINE 203).

Students who fail to maintain these standards **will lose their early acceptance.** However, students are strongly encouraged to reapply by January 1 of the year they plan to attend the CINE cohort (usually spring of their sophomore year). Acceptance is based solely off the most recent application/interview.

**REGARDING CURRENT COHORT STUDENTS**

Any student enrolled in the CINE cohort that **receives final grade lower than a "C" in any CINE course,** will have **60 days** to rectify the grade with the instructor of the course. **It is the student's responsibility to initiate this process, not the instructors.**

Any student who fails to rectify a grade lower than a "C" within 60 days, **will automatically be removed from the program.** The student may re-apply for the next CINE cohort entry (usually 1 year later).

***Career Opportunities***

Producer	Cinematographer
Director	Production Assistant
Screenwriter	Film and Video Editor
Assistant Editor	Animator
Sound Effects Editor	Marketing Manager
Multimedia Artist	Promotion Manager

***Program of Study***

<b>Cinematic Arts Major (B.S.)</b>		
<i>General Education: Core Competency Requirements (58-65 hrs)</i>		
<i>Major Core Courses (9 hrs)</i>		
CINE 201	<i>Introduction to Screenwriting</i>	3
CINE 202	<i>Introduction to Motion Picture Directing</i>	3
CINE 203	<i>Introduction to Cinematography</i>	3
<i>Concentration Courses (60 hrs)</i>		
CINE 301	<i>Cinema Legal Environment</i>	3
CINE 302	<i>Story Analysis</i>	3

CINE 303	<i>Producing and Directing</i>	3
CINE 304	<i>Production</i>	3
CINE 305	<i>Editing</i>	3
CINE 350	<i>Thesis Production</i>	6
CINE 351	<i>Thesis Post-Production</i>	3
CINE 353	<i>Feature Screenwriting</i>	3
CINE 354	<i>Audio Production</i>	3
CINE 400	<i>Feature Pre-Production</i>	6
CINE 401	<i>Branding and Entrepreneurship</i>	3
CINE 402	<i>Feature Production</i>	6
CINE 450	<i>Marketing and Distribution</i>	3
CINE 452	<i>Advanced Post Production</i>	3
CINE 453	<i>Screenplay Rewrite</i>	3
CINE 454	<i>Advanced Audio Production</i>	3
CINE 455	<i>Persuasion</i>	3
<b>NOTES:</b>		
After the completion of all CORE courses, the student will be required to apply and be officially approved to continue in this major.		
Must have "B" average in Core Courses		
Must have "C" or above in all upper-level courses in the major		
Must have an overall average of "C" in the major		
<b>TOTAL HOURS:</b> 127 hours minimum; at least 60 hours must be 300-400 level.		

***Cinematic Arts Minor***

<b>Cinematic Arts Minor (15 hrs)</b>		
CINE 201	<i>Introduction to Screenwriting</i>	3
CINE 202	<i>Introduction to Motion Picture Directing</i>	3
CINE 203	<i>Introduction to Cinematography</i>	3
<i>Choose 6 hours of any CINE courses</i>		
6		

***Department of Digital Media & Communication Arts***

**Bruce Kirk, B.G.S., M.A.**

*Chair, Department of Digital Media & Communication Arts  
Associate Professor of Communication Studies*

**PURPOSE**

The purpose of the Department of Digital Media & Communication Arts is to produce videographers, editors, audio techs, producers, directors, content/journalism writers, strategic marketing and communication professionals, all based in a Christ-centered perspective that governs everything undertaken in the field. The Digital Media & Communication Arts department will prepare students to:

1. Use their professional skills to complement their moral and ethical values.
2. Possess both theoretical and history understanding of Digital Media, Advertising /Public Relations, Journalism and Speech Communication.
3. Make practical application of knowledge in professional and personal contexts as a communicator in the field of Digital Media & Communication Arts.

***Career Opportunities***

Advertising	Ministry
Business	Public Relations
Education	Radio
Film	Sales
Journalism	Television

**Combined Skills**

- |                         |                         |
|-------------------------|-------------------------|
| Acting                  | News Reporting          |
| Copy Editing            | Reporting               |
| Copy Writing            | Public Affairs          |
| Corporate Team Building | Communications Research |
| Editing Publications    | Social Work             |
| Graphic Illustration    | Speech Writing          |
| Lobbying                | Teaching                |
| News Anchor             | Tutoring                |
| News Directing          | Web Design              |

**LAMBDA PI ETA HONOR SOCIETY**

*Advisor: Dr. Angela Widgeon*

Lambda Pi Eta (LPH) is the National Communication Association’s official honor society at four-year colleges and universities. As an accredited member of the Association of College Honor Societies (ACHS), Lambda Pi Eta has active chapters at four-year colleges and universities worldwide. LPH represents what Aristotle described in *The Rhetoric* as three ingredients of persuasion: logos (Lambda), meaning logic; pathos (Pi), relating to emotion; and ethos (Eta), defined as character credibility and ethics. Lambda Pi Eta recognizes, fosters, and rewards outstanding scholastic achievement while stimulating interest in the communication discipline.

To be eligible for admission, undergraduate students must meet the following criteria:

1. Complete 60 semester credit-hours (90 quarter credit-hours)
2. Have a minimum cumulative GPA of 3.00 for all courses taken
3. Complete the equivalent of 12 semester credit-hours (18 quarter credit-hours) in communication studies
4. Have a minimum GPA of 3.25 for all communication studies courses
5. Currently be enrolled as a student in good standing, as determined by the institution's policies
6. Rank within the highest thirty-five percent of one’s class in general scholarship

**Digital Media Major (B.S.)**

**PURPOSE**

The concentrations under this major are committed to preparing students for success in a digital, social and interactive media job market that is dramatically growing with each passing year. The concentrations cover the digital job market: video, audio, social and interactive media, storytelling and performance, while creating stories across multiple platforms.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Create stories across multiple platforms.
2. Apply digital media knowledge, skills and behaviors to best practices in the discipline.
3. Create media reflective of the nature and heart of God.

**Audio Concentration**

The student will be able to:

1. Utilize current digital media equipment to create broadcast quality sounds for productions.
2. Develop sound, sound effects and sound design for effective storytelling.
3. Evaluate audio elements of digital media productions.

**Performance Concentration**

The student will be able to:

1. Utilize principles of style, color and fashion as they relate to personal appearance on camera.
4. Evaluate delivery styles and techniques.

**2. Social Networking and Interactive Media Concentration**

The student will be able to:

1. Apply principles of strategic communication to improve marketing, reputation and advocacy for social networking and interactive media clients.
2. Critically examine trends in social networking.

**Transmedia Writing Concentration**

The student will be able to:

1. Create one story told in multiple story environments over diverse media.
2. Apply storytelling and story world creation skills to transmedia scenarios.
3. Develop business plans for transmedia programing.

**Video Concentration**

The student will be able to:

1. Utilize current digital media equipment to capture broadcast quality footage.
2. Implement effective storytelling as evidence by the production of broadcast quality packages.

**Programs of Study**

**Digital Media Major (B.S.)**

**Audio Concentration**

**General Education: Core Competency Requirements (58-65 hrs)**

**Core Courses (25 hrs)**

ARTS 222	<i>Introduction to Graphic Design</i>	3
DIGI 100	<i>Equipment Workshop</i>	1
DIGI 175	<i>Fundamentals of Editing</i>	3
DIGI 224	<i>Fundamentals of Audio Production</i>	3
DIGI 225	<i>Introduction to Video Production</i>	3
DIGI 369	<i>Chronicle of Motion Pictures and Television</i>	3
DIGI 428	<i>Media Industry &amp; Ethics</i>	3
DIGI 498	<i>Senior Portfolio</i>	3
DMCA 499	<i>Internship</i>	3

**Audio Concentration (27 hrs)**

DIGI 250	<i>Location Sound</i>	3
DIGI 290	<i>Post Production Sound Design</i>	3
DIGI 310	<i>Digital Media Producer and Director</i>	3
DIGI 333	<i>Intermediate Video Production</i>	3
DIGI 334	<i>Intermediate Audio Production</i>	3
DIGI 337	<i>Music Recording</i>	3
DIGI 454	<i>Radio News Production</i>	3
DIGI 474	<i>Advanced Audio Production</i>	3
DIGI 490	<i>SFX, ADR and Foley</i>	3

**Free Electives (3-10 hrs)**

**NOTE:** Must have a “C” or above in upper-level courses in the major  
Must have an overall average of “C” in the major.

**TOTAL HOURS:** 120 hours minimum; 33 hours must be 300-400 level.

**Digital Media Major (B.S.)**

**Performance Concentration**

**General Education: Core Competency Requirements (58-65 hrs)**

**Core Courses (25 hrs)**

ARTS 222	<i>Introduction to Graphic Design</i>	3
DIGI 100	<i>Equipment Workshop</i>	1

DIGI 175	<i>Fundamentals of Editing</i>	3
DIGI 224	<i>Fundamentals of Audio Production</i>	3
DIGI 225	<i>Introduction to Video Production</i>	3
DIGI 369	<i>Chronicle of Motion Pictures and Television</i>	3
DIGI 428	<i>Media Industry &amp; Ethics</i>	3
DIGI 498	<i>Senior Portfolio</i>	3
DMCA 499	<i>Internship</i>	3
<b>Performance Concentration (33 hrs)</b>		
DIGI 310	<i>Digital Media Producer and Director</i>	3
DIGI 320	<i>On Camera Presentation</i>	3
DIGI 324	<i>Vocal Development</i>	3
DIGI 333	<i>Intermediate Video Production</i>	3
DIGI 334	<i>Intermediate Audio Production</i>	3
DIGI 340	<i>Sports Broadcasting</i>	3
DIGI 454	<i>Radio News Production</i>	3
DIGI 473	<i>Television News Production</i>	3
JOUR 220	<i>News Writing and Reporting I</i>	3
JOUR 354	<i>News Writing and Reporting II</i>	3
JOUR 485	<i>Investigative Reporting</i>	3
<b>Free Electives (0-4 hrs)</b>		
<b>NOTE:</b> Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 42 hours must be 300-400 level.		

<b>Digital Media Major (B.S.)</b>		
<b>Social Networking and Interactive Media Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (25 hrs)</b>		
ARTS 222	<i>Introduction to Graphic Design</i>	3
DIGI 100	<i>Equipment Workshop</i>	1
DIGI 175	<i>Fundamentals of Editing</i>	3
DIGI 224	<i>Fundamentals of Audio Production</i>	3
DIGI 225	<i>Introduction to Video Production</i>	3
DIGI 369	<i>Chronicle of Motion Pictures and Television</i>	3
DIGI 428	<i>Media Industry &amp; Ethics</i>	3
DIGI 498	<i>Senior Portfolio</i>	3
DMCA 499	<i>Internship</i>	3
<b>Social Networking and Interactive Media Concentration (39 hrs)</b>		
ARTS 342	<i>Digital Imaging</i>	3
ARTS 477	<i>Interactive Design I</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 436	<i>Marketing in a Virtual World</i>	3
DIGI 220	<i>Introduction to Transmedia</i>	3
DIGI 280	<i>Storytelling: Interactive, Social and Digital Writing</i>	3
DIGI 310	<i>The Digital Media Producer and Director</i>	3
DIGI 333	<i>Intermediate Video Production</i>	3
DIGI 355	<i>Interactive, Social and Digital Media Management</i>	3
JOUR 220	<i>News Writing and Reporting I – OR</i>	3
JOUR 225	<i>Media Writing</i>	3
JOUR 358	<i>Strategic Web Writing</i>	3
STCO 346	<i>Persuasive Advertising and Storytelling</i>	3
STCO 422	<i>Social Media Development</i>	3
<b>NOTE:</b> Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 122 hours minimum; 42 hours must be 300-400 level.		

<b>Digital Media Major (B.S.)</b>		
<b>Transmedia Writing Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (25 hrs)</b>		
ARTS 222	<i>Introduction to Graphic Design</i>	3
DIGI 100	<i>Equipment Workshop</i>	1

DIGI 175	<i>Fundamentals of Editing</i>	3
DIGI 224	<i>Fundamentals of Audio Production</i>	3
DIGI 225	<i>Introduction to Video Production</i>	3
DIGI 369	<i>Chronicle of Motion Pictures and Television</i>	3
DIGI 428	<i>Media Industry &amp; Ethics</i>	3
DIGI 498	<i>Senior Portfolio</i>	3
DMCA 499	<i>Internship</i>	3
<b>Transmedia Writing Concentration (36 hrs)</b>		
CINE 201	<i>Introduction to Screenwriting</i>	3
DIGI 220	<i>Introduction to Transmedia</i>	3
DIGI 280	<i>Storytelling: Interactive, Social and Digital Writing</i>	3
DIGI 310	<i>The Digital Media Producer and Director</i>	3
DIGI 323	<i>Writing for Visual Media</i>	3
DIGI 333	<i>Intermediate Video Production</i>	3
DIGI 354	<i>Storytelling: Sitcom</i>	3
DIGI 373	<i>Storytelling: Episodic Drama</i>	3
DIGI 453	<i>Storytelling: Reality Television</i>	3
DIGI 477	<i>Storytelling: Transmedia</i>	3
JOUR 220	<i>News Writing and Reporting I – OR</i>	3
JOUR 225	<i>Media Writing</i>	3
JOUR 358	<i>Strategic Web Writing</i>	3
<b>Free Electives (0-1 hr)</b>		
<b>NOTE:</b> Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 36 hours must be 300-400 level.		

<b>Digital Media Major (B.S.)</b>		
<b>Video Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (25 hrs)</b>		
ARTS 222	<i>Introduction to Graphic Design</i>	3
DIGI 100	<i>Equipment Workshop</i>	1
DIGI 175	<i>Fundamentals of Editing</i>	3
DIGI 224	<i>Fundamentals of Audio Production</i>	3
DIGI 225	<i>Introduction to Video Production</i>	3
DIGI 369	<i>Chronicle of Motion Pictures and Television</i>	3
DIGI 428	<i>Media Industry &amp; Ethics</i>	3
DIGI 498	<i>Senior Portfolio</i>	3
DMCA 499	<i>Internship</i>	3
<b>Video Concentration (24 hrs)</b>		
CINE 203	<i>Introduction to Cinematography</i>	3
DIGI 220	<i>Introduction to Transmedia</i>	3
DIGI 310	<i>The Digital Media Producer and Director</i>	3
DIGI 323	<i>Writing for Visual Media</i>	3
DIGI 333	<i>Intermediate Video Production</i>	3
DIGI 350	<i>Editing Theory</i>	3
DIGI 370	<i>Studio Production</i>	3
DIGI 473	<i>Television News Production</i>	3
<b>Free Electives (6-13 hrs)</b>		
<b>NOTE:</b> Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 30 hours must be 300-400 level.		

**Journalism Major (B.S.)**

**PURPOSE**

The purpose of the journalism major is for the student to be able to create and prepare news and content in a fashion appropriate for all media; from digital to video to traditional in an ever-growing and changing media market. This prepares the student for careers such as content producer and manager, reporter, copywriter, editor, columnist, sports writer and freelance writer.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Utilize best practices for journalism while maintaining a Christian worldview.
2. Research and create content based on journalist practices and principles.
3. Prepare news and content in a format and style appropriate for traditional and social media platforms.

<b>Journalism Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (46 hrs)</b>		
ARTS 222	Introduction to Graphic Design	3
DIGI 100	Equipment Workshop	1
DIGI 175	Fundamentals of Editing	3
DIGI 225	Introduction to Video Production	3
JOUR 220	News Writing and Reporting I	3
JOUR 354	News Writing and Reporting II	3
JOUR 360	Media Convergence	3
JOUR 390	Champion Practicum	1
JOUR 391	Advertising Design and Photography Practicum	1
JOUR 396	Advertising Practicum	1
JOUR 482	Senior Project	3
JOUR 485	Investigative Reporting	3
DMCA 499	Internship	3
<b>Choose three courses from the following:</b>		9
JOUR 356	Social Media Writing	
JOUR 358	Strategic Web Writing	
JOUR 370	Sports Writing	
JOUR 373	Editorial and Opinion Writing	
JOUR 374	Magazine Writing/Editing	
JOUR 375	Community Reporting	
<b>Choose two courses from the following:</b>		6
ARTS 340	Publication Design	
ARTS 361	Digital Photography	
DIGI 224	Fundamentals of Audio Production	
DIGI 324	Vocal Development	
DIGI 454	Radio News Production	
DIGI 473	TV News Production	
<b>Directed Course (Required) (0-3 hrs)</b>		
ECON 110	Survey of Economics	3
<b>Free Electives (6-16 hrs)</b>		
<b>NOTE:</b> Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 30 hours must be 300-400 level.		

**Speech Communication Major (B.S.)**

**PURPOSE**

The purpose of the speech communication major focuses on the application of various theoretical techniques of communication processes. The student will master oral communication in a variety of forms and practices and create effective and audience appropriate messages. This prepares the students for careers as an announcer, missions work, human resources specialist, or jobs in journalism and speech.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Master communication in its variety of forms and practices
2. Utilize best practices for communication while maintaining a Christian worldview.
3. Create effective and audience appropriate messages.

**Professional Communication Concentration**

The student will be able to:

1. Demonstrate communication competency through verbal, non-verbal, and written forms.
2. Evaluate the effectiveness of various approaches to professional communication.

**Speech Communication Concentration**

The student will be able to:

1. Demonstrate communication competency through verbal, non-verbal, and computer-mediated channels.
2. Evaluate the effectiveness of various approaches to business communication.

<b>Speech Communication Major (B.S.)</b>		
<b>Professional Communication Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (18 hrs)</b>		
JOUR 225	Media Writing	3
SCOM 345	Persuasion	3
SCOM 355	Organizational Communication	3
SCOM 360	Leadership Through Communication	3
SCOM /	Career Preparation	3
STCO 460		
DMCA 499	Internship	3
<b>Professional Communication Concentration (37 hrs)</b>		
ARTS 222	Introduction to Graphic Design	3
ARTS 223	Introduction to Typography	3
ARTS 224	Media Design	3
ARTS 477	Interactive Design I	3
BUSI 310	Principles of Management	3
BUSI 330	Principles of Marketing	3
DIGI 100	Equipment Workshop	1
DIGI 175	Fundamentals of Editing	3
DIGI 224	Fundamentals of Audio Production	3
DIGI 225	Introduction to Video Production	3
SCOM 358	Essentials of Customer Service	3
SCOM 380	Vendor Communication and Strategic Relations	3
STCO 356	Direct/Social/Mobile Communication Strategies	3
<b>Directed Course (Required) (0-9 hrs)*</b>		
COMS 101	Speech Communication	3
SCOM 110	Media and Culture – AND –	3
SCOM 226	Interpersonal and Small Group Communication	3
<b>Free Electives (0-4 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency requirements.		
<b>NOTE:</b> Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 33 hours must be 300-400 level.		

<b>Speech Communication Major (B.S.)</b>		
<b>Speech Communication Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (18 hrs)</b>		
JOUR 225	Media Writing	3
SCOM 345	Persuasion	3
SCOM 355	Organizational Communication	3
SCOM 360	Leadership Through Communication	3
SCOM /	Career Preparation	3
STCO 460		
DMCA 499	Internship	3
<b>Speech Communication Concentration (24 hrs)</b>		
SCOM 210	Communication Perspectives	3
SCOM 325	Interpersonal Communication	3
SCOM 330	Small Group Communication	3
SCOM 335	Argumentation	3

SCOM 455	Communication Theory	3
SCOM 465	Rhetorical Theory	3
SCOM 475	Criticism of Public Address	3
SCOM 315	Oral Interpretation – OR –	3
SCOM 370	Motivational Speaking	
<b>Directed Course (Required) (0-9 hrs)*</b>		
COMS 101	Speech Communication	3
SCOM 110	Media and Culture – AND –	3
SCOM 226	Interpersonal and Small Group Communication	3
<b>Free Electives (7-17 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency requirements.		
NOTE: Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 36 hours must be 300-400 level.		

**Strategic Communication Major (B.S.)**

**PURPOSE**

The purpose of the strategic communication major is for students to learn to develop effective audience specific cross-platform strategic communication campaigns. This prepares them for careers in advertising, social media management, integrated marketing communications, digital promotion and interactive marketing among others.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Utilize strategic communication while maintaining a Christian worldview.
2. Develop effective, audience appropriate cross-platform strategic communication campaigns.
3. Evaluate strategic and tactical communication practices.

<b>Strategic Communication Major (B.S.)</b>		
<b>Social Media Management Cognate</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (50-52 hrs)</b>		
ARTS 222	Introduction to Graphic Design	3
ARTS 223	Introduction to Typography	3
ARTS 224	Media Design	3
ARTS 477	Interactive Design I	3
DIGI 100	Equipment Workshop	1
DIGI 175	Fundamentals of Editing	3
DIGI 224	Fundamentals of Audio Production	3
DIGI 225	Introduction to Video Production	3
JOUR 225	Media Writing	3
SCOM /	Career Preparation	3
STCO 460		
STCO 307	Strategic Communication	3
STCO 346	Persuasive Advertising and Storytelling	3
STCO 348	Strategic Social Media	3
STCO 356	Digital/Social/Mobile Communication Strategies	3
STCO 422	Social Media Development	3
STCO 426	Creating Affiliate Loyalty in a Digital Age	3
STCO 487	Agency/Field Projects	1-3
DMCA 499	Internship	3
<b>Social Media Management Cognate (9 hrs)</b>		
ARTS 342	Digital Imaging	3
ARTS 478	Interactive Design II	3
STCO 462	Using the Social and Digital Future	3
<b>Free Electives (0-3 hrs)</b>		
NOTE: Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 37 hours must be 300-400 level.		

<b>Strategic Communication Major (B.S.)</b>		
<b>Strategic Communication Cognate</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (50-52 hrs)</b>		
ARTS 222	Introduction to Graphic Design	3
ARTS 223	Introduction to Typography	3
ARTS 224	Media Design	3
ARTS 477	Interactive Design I	3
DIGI 100	Equipment Workshop	1
DIGI 175	Fundamentals of Editing	3
DIGI 224	Fundamentals of Audio Production	3
DIGI 225	Introduction to Video Production	3
JOUR 225	Media Writing	3
SCOM /	Career Preparation	3
STCO 460		
STCO 307	Strategic Communication	3
STCO 346	Persuasive Advertising and Storytelling	3
STCO 348	Strategic Social Media	3
STCO 356	Digital/Social/Mobile Communication Strategies	3
STCO 422	Social Media Development	3
STCO 426	Creating Affiliate Loyalty in a Digital Age	3
STCO 487	Agency/Field Projects	1-3
DMCA 499	Internship	3
<b>Strategic Communication Cognate (9 hrs)</b>		
STCO 357	Public Relations and Promotional Tactics	3
STCO 367	Best Practices: Strategic Communications Management	3
STCO 372	Employee and Organizational Communication	3
<b>Free Electives (0-3 hrs)</b>		
NOTE: Must have a "C" or above in upper-level courses in the major Must have an overall average of "C" in the major.		
<b>TOTAL HOURS:</b> 120 hours minimum; 37 hours must be 300-400 level.		

**Department of Studio & Digital Arts**

**A. Todd Smith, B.A., B.S., M.F.A.**

Chair, Department of Studio & Digital Arts

Professor of Studio & Digital Arts

**PURPOSE**

The purpose of the Department of Studio & Digital Arts is to produce visual artists, graphic designers and art educators rooted in a Christ-centered perspective that governs every decision, action and work of art they undertake in the field of visual art.

**Career Opportunities**

- |             |                   |
|-------------|-------------------|
| Advertising | Ministry          |
| Animator    | Multimedia Artist |
| Business    | Public Relations  |
| Education   | Sales             |
| Journalism  | Television        |

**Combined Skills**

- |                         |                         |
|-------------------------|-------------------------|
| Acting                  | Public Affairs          |
| Art Director            | Reporting               |
| Copy Editing            | Communications Research |
| Corporate Team Building | Social Work             |
| Editing Publications    | Teaching                |
| Graphic Illustration    | Tutoring                |
| Lobbying                | Web Design              |
| News Reporting          |                         |

**KAPPA PI ART HONOR SOCIETY**

*Advisor: Professor Eva Palmer*

Kappa Pi – Zeta Chi Chapter promotes artistic excellence at the collegiate level. The purpose of this fraternity will be to form bodies of representative students who will, by their influence and artistic interest, uphold the highest ideals of a liberal education; to provide a means whereby students with artistic commitment meet for the purpose of informal study and communication; to raise the standards of productive artist work among students in the college and universities; to furnish the highest reward for conscientious effort in furthering the best interest of art in the broadest sense of the term, by election to membership in the Fraternity, based upon such meritorious work.

**Membership Criteria**

- B average in art courses

**Studio and Digital Arts Major (B.F.A.)**

*Available Spring 2015*

**PURPOSE**

The Bachelor of Fine Arts degree is considered the pre-professional degree, allowing students to gain extensive practice-based course work in the field of art and design. The degree provides the opportunity for students to focus on one of three areas: Graphic Design, Two Dimensional Art, or Three Dimensional Art.

**PROGRAM REQUIREMENTS**

1. Students must submit a portfolio of 20 works for entry.
2. Students must maintain a 3.0 GPA.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Analyze visual imagery in relation to a variety of contexts.
2. Articulate the meaning of visual imagery.

**Graphic Design Concentration**

The student will be able to create visual imagery using digital practices, while maintaining a Christian worldview.

**Studio Art Concentration**

The student will be able to create visual imagery using traditional practices, while maintaining a Christian worldview.

**Programs of Study**

<b>Studio and Digital Arts Major (B.F.A.)</b>		
<i>General Education: Core Competency Requirements (58-65 hrs)</i>		
<i>Core Courses in Major (27 hrs)</i>		
ARTS 113	<i>Introduction to 2D Design</i>	3
ARTS 114	<i>Introduction to 3D Design</i>	3
ARTS 201	<i>History of Art I</i>	3
ARTS 202	<i>History of Art II</i>	3
ARTS 211	<i>Drawing I</i>	3
ARTS 222	<i>Introduction to Graphic Design</i>	3
ARTS 311	<i>Drawing II</i>	3
ARTS 361	<i>Digital Photography</i>	3
ARTS 492	<i>Professional Practices</i>	3
<i>Concentration Courses</i>		
• Graphic Design (37 hrs)		
• Studio Arts (28-29 hrs)		

<i>Directed Courses (0-9 hrs)*</i>		
ARTS 205	<i>20<sup>th</sup> and 21<sup>st</sup> Century Art</i>	3
ARTS 209	<i>Art as Communication</i>	3
ARTS 214	<i>Art, Culture and Technology</i>	3
* These courses are approved General Education courses and may be counted in the Core Competency requirements.		

<b>Graphic Design Concentration</b>		
<i>Graphic Design Concentration (37 hrs)</i>		
ARTS 223	<i>Introduction to Typography</i>	3
ARTS 332	<i>Vector Illustration</i>	3
ARTS 340	<i>Publication Design</i>	3
ARTS 342	<i>Digital Imaging</i>	3
ARTS 352	<i>Graphic Design I</i>	3
ARTS 371	<i>Graphic Design II</i>	3
ARTS 380	<i>Interactive Publication</i>	3
ARTS 398	<i>Studio and Digital Arts Practicum</i>	1
ARTS 424	<i>Advanced Typography</i>	3
ARTS 473	<i>Introduction to 3D Graphics</i>	3
ARTS 477	<i>Interactive Design I</i>	3
ARTS 478	<i>Interactive Design II</i>	3
ARTS 499	<i>Undergraduate Internship</i>	3
<i>Art History (6 hrs)</i>		
ARTS 303	<i>History of Graphic Design</i>	3
ARTS 203, 204, 206, 207, 208, or 213		3
<b>TOTAL HOURS:</b> 128 hours minimum; at least 46 hours must be 300-400 level.		

<b>Studio Art Concentration</b>		
<i>Studio Art Concentration (28-29 hrs)</i>		
ARTS 321	<i>Painting I</i>	3
ARTS 330	<i>Sculpture I</i>	3
ARTS 382	<i>Gallery/Museum Fundamentals</i>	3
ARTS 398	<i>Studio and Digital Arts Practicum</i>	3
ARTS 475	<i>Ceramics I</i>	3
ARTS 499	<i>Undergraduate Internship</i>	1-2
<i>2D Choose four courses from the following (12 hours)</i>		
ARTS 223, 301, 312, 332, 342, 361, 365, 375, 376, 401, 402, 411, 420, 422, 461, 469, or 470		
- <b>OR</b>		
<i>3D Choose four courses from the following (12 hours)</i>		
ARTS 234, 334, 357, 376, 430, 431, 432, 433, 434, 473, 476, or 490		
<i>Art History Choose two courses from the following (6 hrs)</i>		
ARTS 203, 204, 206, 207, 208, 213, or 303		
<i>Free Electives (0-6)</i>		
<b>TOTAL HOURS:</b> 125 hours minimum; at least 34 hours must be 300-400 level.		

**Studio and Digital Arts Major (B.S.)**

**PURPOSE**

The purpose of the Studio and Digital Arts major is to strive to prepare students, whether studio art or graphic design, who will:

1. Use their professional skills to complement their moral and ethical values;
2. Possess both theoretical and historical understanding of studio and digital arts; and
3. Make practical application of knowledge in professional and personal contexts as a communicator in the field of visual art.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Critically analyze visual imagery in relation to history and culture;

2. Effectively articulate the meaning of visual imagery;
3. Visualize, conceptualize, and create visual imagery using traditional and digital materials, media, methods and techniques;
4. Integrate a Christian worldview with best practices for creating visual imagery.

**Programs of Study**

<b>Studio and Digital Arts Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Major Core Courses (12 hrs)</b>	
ARTS 113	Introduction to 2D Design –OR 3
ARTS 114	Introduction to 3D Design 3
ARTS 201	History of Art I –OR 3
ARTS 202	History of Art II 3
ARTS 211	Drawing I 3
ARTS 222	Introduction to Graphic Design 3
<b>Concentration Courses (33 hrs)</b>	
<ul style="list-style-type: none"> <li>• Graphic Design</li> <li>• Studio Arts</li> </ul>	
<b>Directed Courses (0-3 hrs)*</b>	
ARTS 209	Art as Communication 3
* This course is an approved General Education course and may be counted in the Core Competency requirements.	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 36 hours must be 300-400 level.	

<b>Graphic Design Concentration</b>	
ARTS 223	Introduction to Typography 3
ARTS 332	Vector Illustration 3
ARTS 342	Digital Imaging 3
ARTS 352	Graphic Design I 3
ARTS 371	Graphic Design II 3
ARTS 473	Introduction to 3D Graphics 3
ARTS 477	Interactive Design I 3
ARTS 492	Professional Practices 3
ARTS 499	Internship 3
ARTS ____	Upper-level Electives 6
<b>Free Electives (10-17 hrs) (6 hours must be upper level)</b>	

<b>Studio Art Concentration</b>	
ARTS 311	Drawing II 3
ARTS 321	Painting I 3
ARTS 330	Sculpture I 3
ARTS 361	Digital Photography 3
ARTS 420	Painting II 3
ARTS 430	Sculpture II 3
ARTS 492	Professional Practices 3
ARTS 499	Internship 3
ARTS ____	Upper-level Electives 9
<b>Free Electives (10-17 hrs) (3 hours must be upper level)</b>	

<b>Studio and Digital Arts Major (B.S.) Studio Art – Teacher Licensure Requirements</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Core Courses in Major (12 hrs)</b>	
<b>Studio Art Concentration (33 hrs)</b>	
ARTS 311	Drawing II 3
ARTS 321	Painting I 3
ARTS 330	Sculpture I 3
ARTS 361	Digital Photography 3
ARTS 420	Painting II 3
ARTS 430	Sculpture II 3

ARTS 490	Arts and Crafts	3
ARTS 492	Professional Practices	3
ARTS ____	Upper-level Electives	9
<b>Directed Courses (Required) (0-6 hrs)*</b>		
ARTS 209	Art as Communication	3
PSYC 210	Developmental Psychology	3
<b>Teacher Licensure Requirements (28 hrs)</b>		
EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading: Differentiated Teaching and Learning	2
EDUC 235	Content Instructional Design / Practicum /236	1/2
EDUC 240	Introduction to Applied Educational Technology Practicum	2
EDUC 360	Foundations of Education	2
EDUC 425	Content Measurement and Evaluation	3
EDUC 435	Content Curriculum Fundamentals / /436	2/1
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 131 hours minimum; at least 53 hours must be 300-400 level.		

**Graphic Design Minor**

<b>Graphic Design Minor (18 hrs)</b>	
ARTS 222	Introduction to Graphic Design 3
ARTS 332	Vector Illustration 3
ARTS 342	Digital Imaging 3
ARTS 352	Graphic Design I 3
ARTS 371	Graphic Design II 3
ARTS 113	Introduction to 2D Design – OR 3
ARTS 114	Introduction to 3D Design 3

**Photography Minor**

**PROGRAM LEARNING OUTCOME**

The student will be able to demonstrate an understanding of the principles of design and photo composition.

<b>Photography Minor (18 hrs)</b>	
ARTS 301	Introduction to Film Photography 3
ARTS 352	Graphic Design I 3
ARTS 361	Digital Photography 3
ARTS 461	Advanced Digital Photography 3
ARTS 469	Special Topics in Studio and Digital Arts 3
ARTS 113	Introduction to 2D Design – OR 3
ARTS 114	Introduction to 3D Design 3

**Studio Art Minor**

<b>Studio Art Minor* (18 hrs)</b>	
ARTS 113	Introduction to 2D Design – OR 3
ARTS 114	Introduction to 3D Design 3
<b>Choose one of the following focused areas:</b>	
Drawing:	ARTS 211 and 311
Painting:	ARTS 321 and 420
Sculpture:	ARTS 330 and 430
Photography:	ARTS 361 and 461
ARTS Electives	9
(Students may choose a second combination to fulfill 9 hours)	
* C or above required in prerequisite courses	

## Department of Theatre Arts

**Linda N. Cooper, B.S., M.A.**

*Chair, Department of Theatre Arts*

*Associate Professor of Theatre Arts*

### PURPOSE

The Department of Theatre Arts provides instruction in the theory and practice of theatre performance and production, in order to prepare students for professional stage careers, for graduate study in theatre arts, and for a life of growing appreciation for the theatre and dramatic art. Central to the departmental purpose is the development of observant, sensitive theatrical artists, who, with their skills, training, knowledge, and professional attitudes, may glorify Christ in the world through the practice of their craft and the testimony of their lives.

### PROGRAM REQUIREMENTS

1. Students must receive a "C" or better in all THEA classes.
2. Students must earn a minimum GPA of 2.00 to participate in THEA 200, 300, or 400 classes.
3. See the *Department of Theatre Arts Student Handbook* for more information.

### Career Opportunities

Actor	Play Submissions Editor
Art Critic	Program Director
Choreographer	Properties Master
Director	Public Relations
Drama Ministry	Publishing License Agent
Dramaturge	Script Writer
First Hand Costumer	Special Events Coordinator
House Manager	Speech Writer
Law	Stage Manager
Performing Arts Coordinator	Theatre Historian Theater Manager

### ALPHA PSI OMEGA HONOR SOCIETY

*Advisor: Mrs. Linda N. Cooper*

Alpha Psi Omega is dedicated to recognizing and encouraging excellence in the study of theatre arts. Chapter activities provide members with opportunities for sharing and advancing their professional interests. Lectures and field trips are designed to awaken theatrical interest, and to promote interaction between students and faculty and amongst other theatre professionals.

**Criteria for membership:** An undergraduate student must have completed at least 15 semester hours in theatre arts (excluding performance/production credits) with a grade in all theatre courses averaging at least a 3.50 and must have a general average of at least a 3.25 in all classes. Candidates must have participated in at least seven main stage productions and be in good ethical standing with the University. All inductees must be voted into the society by a majority of the Liberty University Department of Theatre Arts faculty and staff.

### Theatre Arts Major (B.A.)

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Articulate a personal aesthetic as a creative artist, grounded in the history and current practices of theatre.
2. Evaluate multiple worldviews from a biblical perspective.
3. Create original and re-interpretive theatrical work, evidenced by a consistent work ethic and respect for professional ethics.

4. Integrate research and critical thinking skills to deepen and refine the quality of artistic work.
5. Communicate effectively in written, oral, visual, and technological formats.

#### Arts Administration Concentration

The student will be able to apply administrative concepts to determine effective solutions relative to situations in theater.

#### Dramaturgy Concentration

The student will be able to evaluate critically various texts for the purpose of presenting original theatrical ideas.

#### Performance Concentration

The student will be able to present a believable representation of humanity utilizing appropriate skills in technique, research and analysis.

#### Production Concentration

The student will be able to clearly present a creative, theatrical design utilizing conceptual thought and thorough research and analysis.

### SOPHOMORE HEARING PREREQUISITES

Students must have completed two production credits prior to attempting the Sophomore Hearing. If attempting performance, they must have completed two on stage credits; if attempting production, they must have completed two production credits; for education, they must have completed one of each.

### TEACHER LICENSURE

Teacher preparation and endorsement in Theatre Arts is available through the Department of Theatre Arts in cooperation with the Teacher Education Department. Those wishing to pursue teaching-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at [www.liberty.edu/uguide](http://www.liberty.edu/uguide).

### Programs of Study

#### Theatre Arts Major (B.A.)

**General Education: Core Competency Requirements (52-59 hrs)**

**Liberal Arts Focus:**

**Language Requirements (12 hrs)** Must be one language; 6 hours must be at the 200 level or above

**Integrative Studies (6 hrs)**

**Theatre Arts Major Core (19 hrs)**

THEA 200	<i>Play Production I (2 semesters)</i>	2
THEA 211	<i>Foundations of Theatre History I</i>	3
THEA 220	<i>Acting I</i>	3
THEA 300	<i>Play Production II (2 semesters)</i>	2
THEA 312	<i>Script Analysis</i>	3
THEA 400	<i>Play Production III (3 semesters)</i>	3
THEA 490	<i>Senior Project (final semester of study)</i>	3

**Concentration Courses (30 hrs)**

**Free Electives (0-1 hr)**

**Additional Requirement for Major:**

Must pass the Sophomore Hearing

**NOTES:** Must have a minimum GPA of 2.50

Must have a minimum GPA of 2.00 to participate in THEA 200, 300, 400

#### Arts Administration Concentration

**Concentration Courses (30 hrs)**

THEA 212	<i>Foundations of Theatre History II</i>	3
THEA 260	<i>Introduction to Theatrical Design</i>	3
THEA 411	<i>Stage and Theater Management</i>	3



THEA 499	<i>Theatre Internship</i>	3
SCOM 360	<i>Leadership Through Communication</i>	3
ACCT 211	<i>Principles of Accounting I</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 409	<i>Non-Profit Management</i>	3
BUSI 472	<i>Organizational Ethics</i>	3
<b>Directed Courses (Required) (0-3 hrs)</b>		
COMS 101	<i>Speech Communication</i>	3
* This course is approved General Education course and may be counted in the Core Competency requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 38 hours must be 300-400 level.		

<b>Dramaturgy Concentration</b>		
<b>Concentration Courses (30 hrs)</b>		
THEA 212	<i>Foundations of Theatre History II</i>	3
THEA 260	<i>Introduction to Theatrical Design</i>	3
THEA 310	<i>Acting II</i>	3
THEA 350	<i>Writing for the Stage</i>	3
THEA 410	<i>Drama in the Church: History and Practice</i>	3
THEA 499	<i>Theatre Internship</i>	3
ENGL 305	<i>Genre</i>	3
ENGL 307	<i>Expository Writing</i>	3
ENGL 322	<i>Shakespeare</i>	3
ENGL 442	<i>Musical Theater</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 41 hours must be 300-400 level.		

<b>Performance Concentration</b>		
<b>Concentration Courses (30 hrs)</b>		
MUSC 121	<i>Voice (Freshman)</i>	1
MUSC 122	<i>Voice (Freshman)</i>	1
MUSC 221	<i>Voice (Sophomore)</i>	1
THEA 212	<i>Foundations of Theatre History II</i>	3
THEA 250	<i>Voice for the Stage</i>	3
THEA 310	<i>Acting II</i>	3
THEA 390	<i>Stage Accents</i>	3
THEA 420	<i>Acting III</i>	3
THEA 422	<i>Classical Acting – OR</i>	3
THEA 460	<i>Advanced Musical Theatre</i>	3
THEA 440	<i>Stage Movement</i>	3
THEA 450	<i>Musical Theatre Performance</i>	3
THEA 497	<i>Special Topics in Theatre</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 38 hours must be 300-400 level.		

<b>Production Concentration</b>		
<b>Concentration Courses (30 hrs)</b>		
THEA 212	<i>Foundations of Theatre History II</i>	3
THEA 260	<i>Introduction to Theatrical Design</i>	3
THEA 320	<i>Directing</i>	3
THEA 340	<i>Makeup Design</i>	3
THEA 350	<i>Writing for the Stage – OR</i>	3
THEA 352	<i>Writing for Church Drama</i>	3
THEA 360	<i>Costume Design</i>	3
THEA 370	<i>Scenic Design</i>	3
THEA 380	<i>Lighting Design</i>	3
THEA 410	<i>Drama in the Church: History and Practice</i>	3
THEA 411	<i>Stage and Theater Management</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 41 hours must be 300-400 level.		

<b>Theatre Arts Major (B.A.)</b>		
<b>Teacher Licensure Requirements</b>		
<b>General Education: Core Competency Requirements (52-59 hrs)</b>		
<b>Liberal Arts Focus:</b>		
<i>Language Requirements (12 hrs) Must be one language; 6 hours must be at the 200 level or above</i>		
<i>Integrative Studies (6 hrs)</i>		
<b>Theatre Arts Major Core (19 hrs)</b>		
THEA 200	<i>Play Production I (2 semesters)</i>	2
THEA 211	<i>Foundations of Theatre History I</i>	3
THEA 220	<i>Acting I</i>	3
THEA 300	<i>Play Production II (2 semesters)</i>	2
THEA 312	<i>Script Analysis</i>	3
THEA 400	<i>Play Production III (3 semesters)</i>	3
THEA 490	<i>Senior Project (final semester of study)</i>	3
<b>Theatre Arts Education (24 hrs)</b>		
THEA 250	<i>Voice for the Stage</i>	3
THEA 260	<i>Introduction to Theatrical Design</i>	3
THEA 310	<i>Acting II</i>	3
THEA 320	<i>Directing</i>	3
THEA 360	<i>Costume Design – OR</i>	3
THEA 380	<i>Lighting Design</i>	3
THEA 411	<i>Stage and Theater Management</i>	3
THEA 420	<i>Acting III</i>	3
THEA 440	<i>Stage Movement</i>	3
<b>Directed Courses (required) (3 hrs)*</b>		
PSYC 210	<i>Developmental Psychology</i>	3
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235/236	<i>Content Instructional Design /Practicum</i>	1/2
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 419/420	<i>Content Teaching Methods/ Practicum</i>	2/1
EDUC 425	<i>Content Measurement and Evaluation</i>	3
EDUC 436/437	<i>Content Curriculum Fundamentals/ Practicum</i>	2/1
<b>Professional Semester</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
<b>Additional Requirement for Major:</b> Must pass the Sophomore Hearing		
* This is an approved General Education course and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 147 hours minimum; at least 58 hours must be 300-400 level.		

**Theatre Arts Minor**

<b>Theatre Arts Minor (17 hrs)</b>		
THEA 200	<i>Play Production I (2 semesters)</i>	2
THEA 220	<i>Acting I</i>	3
THEA 250	<i>Voice for the Stage</i>	3
THEA 310	<i>Acting II</i>	3
THEA 312	<i>Script Analysis</i>	3
THEA 211	<i>Foundations of Theatre History I – OR</i>	3
THEA 212	<i>Foundations of Theatre History II</i>	3

**DEGREE COMPLETION PLANS**

Degree Completion Plans for programs offered by the School of Communication & Creative Arts can be accessed at: <http://www.liberty.edu/index.cfm?PID=2981>.

# School of Education

## Administration

**Karen Parker, B.A., M.S., Ed.D.**

*Dean, School of Education  
Professor of Education*

**Beth Ackerman, B.S., M.Ed., Ed.D.**

*Associate Dean, School of Education  
Professor of Education*

**Michelle Goodwin, B.S., M.Ed., Ed.D.**

*Associate Dean for Licensure Programs for the School of  
Education  
Professor of Education*

**Scott Watson, B.A., M.A., Ph.D.**

*Associate Dean for Advanced Programs for the School of  
Education  
Professor of Education*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaID=22> where faculty can be searched for by Department.

## PURPOSE

The School of Education is committed to providing the highest quality Christian education based on the principles of God's Word. Our school, by virtue of its commitment to strengthening the mind, body and soul, educates the whole person as God created us. The school offers programs to prepare undergraduate and graduate students for careers in teaching and school administration as well as programs in the area of Sport Management.

## Department of Teacher Education

**Esther Alcindor, B.S., M.Ed.**

*Director, Elementary Education  
Assistant Professor of Education*

**Andrea Beam, B.S., M.Ed., Ed.D.**

*Director, Secondary Education  
Associate Professor of Education*

**Randall S. Dunn, B.A., M.Ed., Ed.D.**

*Director, Educational Technology  
Associate Professor of Education*

**Deanna Keith, B.A., M.Ed., Ed.S., Ed.D.**

*Director, Special Education  
Associate Professor of Education*

## PURPOSE

The mission of the Educator Preparation Program at Liberty University is to develop competent professionals with a Christian worldview for Christian, public, and private schools.

Excellent teachers are an invaluable asset to the home, church, community, and nation. The Educator Preparation Program at Liberty is designed to provide a program of study and preservice experiences that will foster teaching excellence and stimulate improvements in teaching practices in Christian, public, and

private schools. The program is designed for teacher candidates who are preparing to teach kindergarten, elementary, and middle school, as well as high school students. Those wishing to pursue careers in middle school, or high school teaching may do so in the following areas: biology, business, computer science, English, family and consumer sciences, history/social sciences, mathematics. Comprehensive licensure may be completed in the following areas: music (vocal or instrumental), health/physical education, Spanish, special education, studio art, teaching English as a second language, and theatre arts.

## PROGRAM LEARNING OUTCOMES

The teacher candidate:

**INT-A. KNOWS *Christian values, moral dimensions, and ethical implications synthesized with academic knowledge***

INT-A1. Demonstrates a broad base of professional and general knowledge.

INT-A2. Demonstrates knowledge of content in the endorsement area.

**INT-B. IMPLEMENTS *skills as a gift from God, because teaching is a calling from God***

INT-B3. Integrates skills in speaking, writing, reading, and listening for effective classroom communication, peer leadership, and professional involvement.

INT-B4. Designs and selects a variety of instructional strategies based on the developmental levels and individual needs of the learner.

INT-B5. Applies knowledge of content areas and curriculum goals to design and supervise appropriate instruction.

INT-B6. Enhances the success of all diverse learners, providing for special needs and diverse backgrounds.

INT-B7. Manages classroom climate and procedures to motivate students and maximize learning.

INT-B8. Integrates a variety of assessment strategies to improve student learning.

INT-B9. Integrates appropriate technology and resources to support instruction and to facilitate professional development opportunities.

INT-B10. Provides evidence of student learning at the grade level and content appropriate for the endorsement.

**INT-C. BELIEVES *and practices personal integrity, social responsibility, sensitivity to the needs of others, and the betterment of humanity consistent with our mission to prepare competent professionals with a biblical worldview for Christian, public, and private schools***

INT-C11. Models personal integrity and sensitivity to human needs.

INT-C12. Demonstrates behaviors of a reflective practitioner and seeks opportunities for collaboration and professional development.

## DEFINITIONS FOR DISPOSITIONS – SCRIP:

1. Displays a sense of **Social responsibility**
2. Demonstrates **Commitment/** work ethic
3. Demonstrates **Reflective practice**
4. Displays personal **Integrity**
5. Displays **Professionalism**

**TEACHER ENDORSEMENT AREAS**

Teacher preparation and endorsement are available through the Teacher Education Department in cooperation with departments offering majors in the following teacher endorsement areas:

**Elementary**

Elementary education (preK – 6) [Integrated Studies major]  
Middle education (grades 6 – 8) [only with preK – 6]

**Secondary (6 – 12)**

Biology  
Business  
Computer Science  
English  
Family and Consumer Sciences  
History/Social Sciences  
Mathematics  
Studio Art

**Comprehensive (preK – 12)**

English as a Second Language  
Health/Physical Education  
Music: Choral or Instrumental  
Spanish  
Special Education (K-12) [Integrated Studies major] General Curriculum  
Theatre Arts (preK – 12)

**Add-on endorsements**

Algebra I  
Chemistry (only with Biology)  
Computer Science  
Journalism  
Speech  
Theatre Arts (preK – 12)

**Minor (non-licensure)**

Special Education

**KAPPA DELTA PI**

KAPPA DELTA PI, an International Honor Society in Education, was founded on March 8, 1911, at the University of Illinois. Organized to recognize excellence in education, Kappa Delta Pi elects to membership those who exhibit the ideals of scholarship, high personal standards, and promise in teaching and allied professions. It encourages improvement, distinction in achievement, and contributions to education.

Today there are over 60,000 members in more than 425 university, college, and alumni chapters. The PI SIGMA Chapter at Liberty University was founded on February 9, 1984. Visit the website at: [www.liberty.edu/kdp](http://www.liberty.edu/kdp).

Election to membership is made without regard to religion, race, or gender, and may include undergraduate and graduate students and practicing professionals in the field of education.

**COUNCIL FOR EXCEPTIONAL CHILDREN**

Special Education majors at Liberty University organized a Student Chapter of the Council for Exceptional Children (CEC) in Spring 2005. CEC is the largest international, non-profit organization that provides support and information for children with disabilities, their families, and those who work with these children.

Membership is open to all majors. To become an official member of the CEC, one must join the national chapter of the CEC.

**LICENSURE AND NCATE APPROVAL**

The Educator Preparation Program is designed to meet licensure requirements of the Commonwealth of Virginia in the student's approved concentration. The University has approval from the State Council of Higher Education for Virginia and is accredited by the Southern Association of Colleges and Schools. The Educator Preparation Program has been officially approved by the Virginia Department of Education and by the National Council for Accreditation of Teacher Education (NCATE). Graduates of Liberty's approved educator preparation programs are eligible for licensure within the Commonwealth of Virginia. Completing Virginia licensure requirements will generally be necessary if the teacher candidate intends to seek licensure in another state.

Several states have additional licensure requirements beyond what is specified for graduation from an approved program at Liberty. However, teacher candidates are able to gain licensure and to begin teaching in another state while completing the additional requirements. Assistance in securing licensure from other states, information about licensure requirements in states other than Virginia, and help in obtaining necessary applications for out-of-state teaching credentials may be obtained from the Teacher Licensure Office. In addition to state licensure, students who complete the Educator Preparation Program at Liberty are eligible for the Association of Christian Schools International certificate.

**DEGREE COMPLETION PLANS**

Degree Completion Plans for programs offered by the School of Education can be accessed online at: <http://www.liberty.edu/index.cfm?PID=2981>.

***Licensure Programs*****ADMISSION TO THE EDUCATOR PREPARATION PROGRAM**

A student planning to follow a teaching program at Liberty must meet the admission requirements of the Educator Preparation Program. The standards of admission to the Educator Preparation Program are inclusive of those for admission to the University and include other criteria outlined by the School of Education as indicated below. Policies governing admission to the program originate in, or are channeled through the Teacher Education Department. The Department formulates policies, coordinates the Educator Preparation Program, and works for selective recruitment, admission, and retention of students for and in teacher licensure. It must be clearly understood that admission to the University is not synonymous with admission to the Educator Preparation Program. Failure to follow the procedures will generally result in the delay of the student's graduation and program completion for a minimum of one semester. Program requirements are available in the *Teacher Education Handbook* at <http://www.liberty.edu/uguide>.

Application to Liberty's Educator Preparation Program usually takes place at the end of the candidate's freshman year as part of the course requirements for EDUC 125, *Introduction to Education*. Transfer students who fail to comply with this provision can result in program completion being delayed for at least one semester for those students. Though in no way a guarantee of the candidate's future success in a classroom, meeting the standards listed below demonstrates a seriousness of purpose and a degree of academic achievement that speaks well of the aspiring teacher's potential. Students must meet the following initial entrance requirements:

1. A minimum cumulative GPA of 2.50;
2. The successful completion of 30 semester hours of undergraduate study including the Foundational Studies. (Transfer students must complete a minimum of 15 of

the 30 hours at Liberty in order to meet this standard. Transfer credits in education are not likely to meet licensure requirements. Any exceptions must be approved by the Chair of Initial Teaching Programs.) Because of the specific requirements for teacher licensure, all nonresidential courses must be approved by the program coordinator;

3. Certification by the Office of Student Affairs that the student has exhibited satisfactory citizenship and behavior while enrolled at Liberty. Teacher candidates who have been expelled or suspended are not eligible for initial entry until fully reinstated to good standing by the Office of Student Affairs;
4. Completion of EDUC 125, *Introduction to Education*, with a minimum grade of “C”, (Transfer credit must be approved by the program coordinator);
5. Demonstration of minimum competency in oral and written communication skills and in computation skills, as shown by an acceptable score for licensure tests including the Praxis I (Mathematics portion) and VCLA. More information about these tests can be found at <http://www.liberty.edu/uguide>.
6. Completion of 30-hour practicum (EDUC 125) and computer competencies.
7. Clearance of the required background check.

Equally important to the admission requirements of the Educator Preparation Program are those criteria which govern the maintenance of the candidate’s status once admitted to the program:

1. A minimum cumulative GPA of 2.50 must be maintained. Teacher candidates who fall below this minimum will be dropped from the program.
2. Satisfactory citizenship and behavior must be maintained. Students suspended or dismissed from the University will be dropped from the program.
3. Any teacher candidate who has not been admitted or who has been dropped from the program will be ineligible to take upper level education courses.
4. Any teacher candidate who has been dropped from the program is eligible to reapply in writing through the Teacher Licensure Office no sooner than during the semester following dismissal from the program. **A student may, however, be reinstated only once.**
5. The teacher candidate is subject to dismissal from the program at any time following his initial acceptance should any disqualifying difficulties arise.

**STUDENT TEACHING**

The student teaching experience is required of all students seeking teacher licensure and takes place during the student’s final semester of study. It will involve the commitment of the entire semester for student teaching and related coursework.

**Professional Semester**

EDUC 475 <i>Seminar in Classroom Management</i>	2
EDUC 476 <i>Student Teaching I</i>	5
EDUC 477 <i>Student Teaching II</i>	5

Student teaching experiences are arranged to take place within Christian and public school settings that are designated as local placements in Central Virginia. A listing of local school divisions may be found at <http://www.liberty.edu/uguide>. A limited number of external placements in accredited schools are available for students who meet the criteria for external placement. The University seeks to locate student teachers in positive classroom settings with well-qualified cooperating teachers.

It is the policy of the Liberty University School of Education that student teaching experiences are performed in the above settings which are supervised directly by faculty members from the University. For this reason, it is not possible to complete student teaching at another institution and then transfer credit to Liberty for the purpose of meeting student teaching requirements. Teacher candidates also will not be issued credit for student teaching because of having a period of non-certified classroom employment. Further information about the student teaching experience may be secured from the Teacher Licensure Office.

The student teaching experience should be approached with a great deal of respect for the responsibilities involved and should be regarded as a very important experience for the aspiring teacher. During the student teaching semester, the student will assume an important role in terms of responsibilities and obligations to the school and the students where the student teaching is to take place. It is also imperative that student teachers plan to arrange personal time schedules so that proper attention is given to student teaching and those activities associated with outside preparation and school responsibilities.

For these reasons, the School of Education very strongly suggests that teacher candidates should not plan to have significant amounts of outside diversions during the student teaching semester. Examples of activities which have previously caused problems for student teachers include jobs, excessive social commitments, and extracurricular activities. In such circumstances, the quality of the teaching inevitably suffers. For these reasons, planning and prior arrangement to avoid such problems is expected. Please see the Teacher Education Handbook and the Student Teaching Handbook found at <http://www.liberty.edu/uguide> for specific policies concerning the requirements for student teaching.

**ADMISSION TO STUDENT TEACHING**

A student may enroll in student teaching when the following requirements have been met:

1. Admission to the Educator Preparation Program for at least one full semester before student teaching;
2. Filed application at the beginning of the semester prior to the student teaching. The Teacher Education Department will approve or disapprove all such applications based upon the following criteria:
  - a. Current TB test
  - b. Evidence that the teacher candidate is not on academic or social probation. (Behavior that relates to the moral, social, ethical, and personal standards of professional competency of the student will be subject to periodic review and appraisal);
  - c. A minimum cumulative GPA of 2.50 (3.00 GPA for external placement);
  - d. Completion of all professional education coursework, as well as all courses in the student’s major area of study. Grades below a “C” are not acceptable in any EDUC course, or in any concentration course (Elementary and Special Education Licensure), or in any upper level course in the major (Secondary/ Comprehensive Licensure);
  - e. Completion of all licensure tests including VCLA, Praxis II, and RVE (for Elementary and Special Education candidates). Licensure tests must be passed before the student teaching application can be accepted and a request for placement can be made; and

- f. Graduation checklist submitted indicating all coursework except student teaching is completed.

It is the candidate's responsibility to secure the forms and materials necessary to apply for student teaching. Such materials may be obtained from the Teacher Licensure Office and must be returned prior to established deadlines. The application deadlines for placement in student teaching are September 15 for placement in the spring semester and February 15 for placement in the fall semester.

**TEACHER LICENSURE TESTS**

An important requirement for meeting Teacher Licensure standards in the Commonwealth of Virginia is the successful completion of the required tests for licensure. Tests include the Praxis I Math section, the VCLA (Virginia Communication and Literacy Assessment), the Praxis II, and the RVE (Reading for Virginia Educators) for Elementary and Special Education candidates.

These tests must be passed before applying for student teaching. The tests may be repeated, if necessary. More information about the required licensure tests may be found at [www.liberty.edu/uguide](http://www.liberty.edu/uguide).

**ELEMENTARY AND SPECIAL EDUCATION LICENSURE**

A teacher candidate who plans to teach in elementary or special education must complete a major in Elementary Education Integrated Studies or Special Education Integrated Studies. The candidate will choose from a specified list of concentrations that have been approved by the respective department chairs. The middle school option provides additional endorsement in the concentration selected. Professional education requirements for teacher candidates preparing to be elementary and special education teachers are outlined below. Course requirements are available online at <http://www.liberty.edu/education>.

Professional Education Requirements for Elementary Licensure (20 + 20 hrs)*		
EDUC 125	Introduction to Education	1
EDUC 220	Differentiated Teaching	2
EDUC 225/226	Instructional Design: Elementary / Practicum	1/2
EDUC 240	Introduction to Applied Educational Technology Practicum	2
EDUC 317	Elementary Reading and Language Arts Practicum	2
EDUC 318	Teaching Elementary Reading	2
EDUC 319	Teaching Elementary Language Arts	2
^EDUC 322	Teaching Elementary Social Sciences	2
^EDUC 323	Teaching Elementary Mathematics	2
^EDUC 324	Teaching Elementary Science	2
EDUC 360	Foundations of Education	2
EDUC 410/411	Elementary School Curriculum / Practicum	2/1
EDUC 415/416	Diagnostic Measurement and Evaluation / Practicum	2/1
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
<b>Middle School (22 + 19 hrs)*</b>		
EDUC 412	Middle School Curriculum and Instruction	2
<b>Special Education (24 + 23 hrs)*</b>		
EDSP 323/324	Trends in Special Education / Practicum	2/1
EDSP 363/364	Behavior Management / in Special Education Practicum	2/1

EDSP 413/414	Inclusive Classrooms / Practicum	2/1
EDSP 473/474	Transition Planning / Practicum	2/1
^EDUC 322, 324 not required for special education unless seeking dual licensure in elementary.		
*Second column represents field experience credit hours.		

**SECONDARY LICENSURE**

A candidate who plans to teach in secondary school must complete a major in the subject area(s) in which he wishes to teach. The secondary areas of licensure available at Liberty are biology, business, computer science, English, history/social sciences, mathematics, and work and family studies. Add-on licensure is available in Algebra I, biology, chemistry, computer science, journalism, speech, and theatre arts.

The typical professional education requirements for students preparing to be secondary school teachers are outlined below. Requirements for the various subject matter areas are available on the Degree Completion Plan (DCP) of the respective major.

Professional Education Requirements for Secondary Licensure (13 + 18 hrs)*		
EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning	2
EDUC 235/236	Content Instructional Design / Practicum	1/2
EDUC 240	Introduction to Applied Educational Technology Practicum	2
EDUC 360	Foundations of Education	2
EDUC 419/420	Content Teaching Methods / Practicum	2/1
OR – Methods course from area of concentration: ENGL, HIST, MATH, MLAN 419/420; FACS 480/481; HLTH 440/441		
EDUC 425	Content Measurement and Evaluation*	2
EDUC 435/436	Content Curriculum Fundamentals / Practicum*	2/1
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I*	5
EDUC 477	Student Teaching II*	5
^FACS 380 replaces EDUC 425 and 435/436 for FACS majors.		

**COMPREHENSIVE LICENSURE**

Comprehensive licensure includes certification in both elementary and secondary school levels for the teacher candidate who plans to teach in areas such as music (vocal and instrumental), health/physical education, Spanish, special education, teaching English as a second language, studio art, and theatre arts. Requirements vary slightly among majors as printed below. Requirements for the various subject matter areas are available on the Degree Completion Plans of the respective majors.

Professional Education Requirements for Comprehensive Education Core (6 + 16)* (Health/Physical Education, Spanish, Special Education, Studio Arts, Theatre Arts, Music, and Teaching English as a Second Language)		
EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning	2
EDUC 235/236	Content Instructional Design / Practicum	1/2
EDUC 240	Introduction to Applied Educational Technology Practicum*	2
EDUC 360	Foundations of Education	2

EDUC 475	<i>Seminar in Classroom Management</i> <sup>^</sup>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
<b>Physical Education (15 + 18)*</b>		
HLTH 440/441	<i>Methods and Resources in Teaching Applied Sciences in Schools / Practicum</i> <sup>^</sup>	2/1
KINE 245	<i>PE Observations in Schools</i>	1
KINE 333/334	<i>Adapted Physical Activity / Lab</i>	2/1
KINE 435	<i>Seminar for Student Teachers</i> <sup>^</sup>	2
KINE 326	<i>PE Student Aide: Secondary</i>	1
<b>Music Vocal or Instrumental (12 + 17 hrs)*</b>		
MUSC 380	<i>Instrumental Overview – OR</i>	2
MUSC 390	<i>Foundations of Vocal Technique</i>	
MUSC 437/438	<i>Elementary Music Methods and Materials / Practicum</i>	3/1
MUSC 490/491	<i>Secondary Music Methods and Materials / Practicum</i>	1/1
*Field experience credit hours		
<sup>^</sup> HLTH/KINE replacement for Health/PE majors.		

**LICENSURE IN OTHER STATES**

Graduates who have successfully completed Liberty’s Educator Preparation Program and who have met all standards for Teacher Licensure in Virginia can be recommended for licensure in other states. The Commonwealth of Virginia operates within the Interstate Licensure Compact, which means that other states in the compact recognize and freely accept incoming licensure applications from Virginia-based programs.

The remaining states utilize different processes to evaluate out-of-state applicants for licensure. In most cases, other states will require proof that the student has successfully completed a state-approved Educator Preparation Program. Assistance in securing this license is provided to all of those who are completing student teaching. Licensure applications will be processed after all undergraduate work has been successfully completed.

Teacher Licensure personnel can provide addresses of the various State Departments of Education for those wishing to pursue licensure in other states. The Teacher Licensure personnel will assist candidates in the preparation and submission of the required documents.

**TIME FRAME FOR PROFESSIONAL LICENSURE AND PRACTICUMS**

Teacher candidates must have completed all requirements necessary for professional licensure within five years after completion of the undergraduate degree.

Teacher candidates who have received a degree and wish to return to Liberty University for practicum work (elementary/secondary student teaching) for licensure will be subject to the same five-year timeframe.

Each case will be evaluated on an individual basis according to time elapsed from completion of coursework, transcripts, program changes, and recent experiences in the field of education.

**Elementary Education Integrated Studies (B.S.)  
Special Education Integrated Studies (B.S.)**

**PURPOSE**

The Bachelor of Science in Elementary Education Integrated Studies and Special Education Integrated Studies majors are designed for those students who desire a liberal arts degree that meets the competencies for teacher candidates. The emphases of these majors are on the content of the core areas, as defined by the federal guidelines of the *No Child Left Behind Act* and the state guidelines of the Virginia Department of Education. The

guidelines for these majors are subject to changes in federal or state regulations for the licensure of elementary or special education teachers.

**Requirements for this degree are:**

1. Fulfill institutional General Education Requirements using courses recommended to meet teacher licensure competencies;
2. Complete a 45-hour major which must be drawn from two or three academic disciplines with no more than 30 hours and no less than 15 from any one discipline.
  - a. The **Elementary Education Integrated Studies** major includes the Core Concentration cluster, one Cognate cluster, choice of cognate areas must be one of the following: math, English, social studies, or science; and the Education cluster will be the third concentration.
  - b. The **Special Education Integrated Studies** major includes the Core Concentration cluster, the Special Education cluster, and the Education cluster.
3. Complete 15 hours of electives in any disciplines, including areas that are covered in the major, that are selected to meet teacher licensure competencies;
4. Admission to the Educator Preparation Program prior to registering for upper level courses;
5. Complete at least 30 hours at the 300-400 level;
6. Complete 50 percent of each cognate at Liberty;
7. Students who break enrollment must renegotiate the proposal.

Admission to the Educator Preparation Program (EPP) is required prior to registering for any upper-level courses in education. **Candidates who fail to meet the requirements for EPP admission must change to another major.** As part of the EPP admissions process, each candidate must submit an approved Degree Completion Plan (DCP) which becomes the student’s contract for graduation and may be modified only upon written request to the Program Director or the School of Education Dean. The professional semester (student teaching) is required for teacher licensure, and is therefore required to complete the Elementary Education Integrated Studies and Special Education Integrated Studies Major.

**Programs of Study**

<b>Elementary Education Integrated Studies (B.S.)</b>		
<b>ENGLISH COGNATE</b>		
<b>General Education: Core Competency Requirements (59-66 hrs)</b>		
<b>Courses in the Major (70-72 hrs)</b>		
ECON 110	<i>Survey of Economics</i>	3
GEOG 200	<i>Introduction to Geography</i>	3
HIUS 310, 312, or 390~		3
	~HIUS 390 is the preferred course for students planning to teach in Virginia	
PSYC 345	<i>Exceptional Child</i>	3
_____	Choose 300-400 level elective from:	3
	MATH, HIEU, HIWD, HIUS, BIO, CHEM, NASC, PHYS, OR PHSC	
	[PHSC 310 OR NASC 315 is recommended]	
<b>Cognate Courses (15 hrs)</b>		
ENGL 201, 202, 215, 216, 221, or 222		3
ENGL 307	<i>Expository Writing</i>	3
ENGL 310	<i>Children’s Literature</i>	3
ENGL 333	<i>Modern Grammar</i>	3
ENGL ____	Upper level (not 419/420)	3
<b>Concentration Courses (20 hrs)</b>		
EDUC 125	<i>Introduction to Elementary Education</i>	1

**SCHOOL OF EDUCATION**

EDUC 220	<i>Differentiated Teaching and Learning (Elementary)</i>	2
EDUC 225	<i>Instructional Design: Elementary</i>	1
EDUC 318	<i>Teaching Elementary Reading</i>	2
EDUC 319	<i>Teaching Elementary Language Arts</i>	2
EDUC 322	<i>Teaching Elementary Social Sciences</i>	2
EDUC 323	<i>Teaching Elementary Mathematics</i>	2
EDUC 324	<i>Teaching Elementary Science</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 410	<i>Elementary School Curriculum</i>	2
EDUC 415	<i>Diagnostic Measurement and Evaluation</i>	2
<b>OPTIONAL: For Middle School Endorsement (2 hrs)</b>		
EDUC 412	<i>Middle School Curriculum and Instruction</i>	
<b>PROFESSIONAL STUDIES (8 hrs)</b>		
EDUC 226	<i>Instructional Design Practicum: Elementary</i>	2
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 317	<i>Elementary Reading and Language Arts Practicum</i>	2
EDUC 411	<i>Elementary School Curriculum Practicum</i>	1
EDUC 416	<i>Diagnostic Measurement and Evaluation Practicum</i>	1
<b>PROFESSIONAL SEMESTER (12 hrs)</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I and II</i>	5/5
	/477	
<b>TOTAL HOURS:</b> 129 hours minimum; at least 53 hours must be 300-400 level		

<b>Elementary Education Integrated Studies (B.S.) MATHEMATICS COGNATE</b>		
<b>General Education: Core Competency Requirements (61-68 hrs)</b>		
<b>Courses in the Major (71-73 hrs)</b>		
ECON 110	<i>Survey of Economics</i>	3
GEOG 200	<i>Introduction to Geography</i>	3
HIUS 310, 312, or 390~		3
	~HIUS 390 is the preferred course for students planning to teach in Virginia	
ENGL 310	<i>Children's Literature</i>	3
PSYC 345	<i>Exceptional Child</i>	3
<b>Cognate Courses (16 hrs)</b>		
MATH 133	<i>Calculus with Mathematics Lab</i>	1
MATH 200	<i>Introduction to Mathematics Reasoning</i>	2
MATH 211	<i>Introduction to Statistical Analysis</i>	3
MATH 305	<i>Modern Geometry</i>	3
MATH 321	<i>Linear Algebra</i>	3
MATH ___	Upper level ( Not 419/420)	3
<b>Concentration Courses (20 hrs)</b>		
EDUC 125	<i>Introduction to Elementary Education</i>	1
EDUC 220	<i>Differentiated Teaching and Learning (Elementary)</i>	2
EDUC 225	<i>Instructional Design: Elementary</i>	1
EDUC 318	<i>Teaching Elementary Reading</i>	2
EDUC 319	<i>Teaching Elementary Language Arts</i>	2
EDUC 322	<i>Teaching Elementary Social Sciences</i>	2
EDUC 323	<i>Teaching Elementary Mathematics</i>	2
EDUC 324	<i>Teaching Elementary Science</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 410	<i>Elementary School Curriculum</i>	2
EDUC 415	<i>Diagnostic Measurement and Evaluation</i>	2
<b>OPTIONAL: For Middle School Endorsement (2 hrs)</b>		
EDUC 412	<i>Middle School Curriculum and Instruction</i>	
<b>PROFESSIONAL STUDIES (8 hrs)</b>		
EDUC 226	<i>Instructional Design Practicum</i>	2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 317	<i>Elementary Reading and Language Arts Practicum</i>	2
EDUC 411	<i>Elementary School Curriculum Practicum</i>	1
EDUC 416	<i>Diagnostic Measurement and Evaluation Practicum</i>	1
<b>PROFESSIONAL SEMESTER (12 hrs)</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I and II</i>	5/5
	/477	
<b>TOTAL HOURS:</b> 130 hours minimum; at least 49 hours must be 300-400 level		

<b>PROFESSIONAL STUDIES (8 hrs)</b>		
EDUC 226	<i>Instructional Design Practicum: Elementary</i>	2
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 317	<i>Elementary Reading and Language Arts Practicum</i>	2
EDUC 411	<i>Elementary School Curriculum Practicum</i>	1
EDUC 416	<i>Diagnostic Measurement and Evaluation Practicum</i>	1
<b>PROFESSIONAL SEMESTER (12 hrs)</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I and II</i>	5/5
	/477	
<b>TOTAL HOURS:</b> 132 hours minimum; at least 50 hours must be 300-400 level		

<b>Elementary Education Integrated Studies (B.S.) SCIENCE COGNATE</b>		
<b>General Education: Core Competency Requirements (59-66 hrs)</b>		
<b>Courses in the Major (71-73 hrs)</b>		
ECON 110	<i>Survey of Economics</i>	3
GEOG 200	<i>Introduction to Geography</i>	3
HIUS 310, 312, or 390~		3
	~HIUS 390 is the preferred course for students planning to teach in Virginia	
ENGL 310	<i>Children's Literature</i>	3
PSYC 345	<i>Exceptional Child</i>	3
<b>Cognate: Science (16 hrs)</b>		
CHEM 105	<i>Elements of General Chemistry – OR</i>	4
CHEM 107	<i>Essentials of General and Organic Chemistry</i>	
PHSC 210	<i>Elements of Earth Science</i>	3
PHSC 211	<i>Elements of Earth Science Lab</i>	1
PHSC 310	<i>Astronomy: An Integrated Approach</i>	4
NASC 315	<i>Environmental Science</i>	4
<b>CONCENTRATION: Elementary Education (20 hrs)</b>		
EDUC 125	<i>Introduction to Elementary Education</i>	1
EDUC 220	<i>Differentiated Teaching and Learning (Elementary)</i>	2
EDUC 225	<i>Instructional Design: Elementary</i>	1
EDUC 318	<i>Teaching Elementary Reading</i>	2
EDUC 319	<i>Teaching Elementary Language Arts</i>	2
EDUC 322	<i>Teaching Elementary Social Sciences</i>	2
EDUC 323	<i>Teaching Elementary Mathematics</i>	2
EDUC 324	<i>Teaching Elementary Science</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 410	<i>Elementary School Curriculum</i>	2
EDUC 415	<i>Diagnostic Measurement and Evaluation</i>	2
<b>OPTIONAL: For Middle School Endorsement (2 hrs)</b>		
EDUC 412	<i>Middle School Curriculum and Instruction</i>	
<b>PROFESSIONAL STUDIES (8 hrs)</b>		
EDUC 226	<i>Instructional Design Practicum</i>	2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 317	<i>Elementary Reading and Language Arts Practicum</i>	2
EDUC 411	<i>Elementary School Curriculum Practicum</i>	1
EDUC 416	<i>Diagnostic Measurement and Evaluation Practicum</i>	1
<b>PROFESSIONAL SEMESTER (12 hrs)</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I and II</i>	5/5
	/477	
<b>TOTAL HOURS:</b> 130 hours minimum; at least 49 hours must be 300-400 level		

<b>Elementary Education Integrated Studies (B.S.) SOCIAL SCIENCE COGNATE</b>		
<b>General Education: Core Competency Requirements (59-66 hrs)</b>		
<b>Courses in the Major (70-72 hrs)</b>		
ECON 110	Survey of Economics	3
GEOG 200	Introduction to Geography	3
ENGL 310	Children's Literature	3
PSYC 345	Exceptional Child	3
_____	<b>Choose 300-400 level elective from:</b>	3
	MATH, HIEU, HIWD, HIUS, BIOL, CHEM, NASC, PHYS, OR PHSC [PHSC 310 OR NASC 315 is recommended]	
<b>Cognate: Social Science (15 hrs)</b>		
HIUS 221	Survey of American History I OR	3
HIUS 223	Survey of American History I On Site	
HIUS 222	Survey of American History II	3
HIWD 320, 350, 370, or 460		3
HIUS 310, 312, or 390~		3
	~ HIUS 390 is the preferred course for students planning to teach in Virginia	
GOVT 421	American Constitutional History	3
<b>CONCENTRATION: Elementary Education (20 hrs)</b>		
EDUC 125	Introduction to Elementary Education	1
EDUC 220	Differentiated Teaching and Learning (Elementary)	2
EDUC 225	Instructional Design: Elementary	1
EDUC 318	Teaching Elementary Reading	2
EDUC 319	Teaching Elementary Language Arts	2
EDUC 322	Teaching Elementary Social Sciences	2
EDUC 323	Teaching Elementary Mathematics	2
EDUC 324	Teaching Elementary Science	2
EDUC 360	Foundations of Education	2
EDUC 410	Elementary School Curriculum	2
EDUC 415	Diagnostic Measurement and Evaluation	2
<b>OPTIONAL: For Middle School Endorsement (2 hrs)</b>		
EDUC 412	Middle School Curriculum and Instruction	
<b>PROFESSIONAL STUDIES (8 hrs)</b>		
EDUC 226	Instructional Design Practicum	2
EDUC 240	Technology Practicum	2
EDUC 317	Elementary Reading and Language Arts Practicum	2
EDUC 411	Elementary School Curriculum Practicum	1
EDUC 416	Diagnostic Measurement and Evaluation Practicum	1
<b>PROFESSIONAL SEMESTER (12 hrs)</b>		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I and II /477	5/5
<b>TOTAL HOURS:</b> 129 hours minimum; at least 50 hours must be 300-400 level		

<b>Elementary Education Integrated Studies (B.S.) SPANISH COGNATE</b>		
<b>General Education: Core Competency Requirements (59-66 hrs)</b>		
<b>Courses in the Major (70 hrs)</b>		
ECON 110	Survey of Economics	3
GEOG 200	Introduction to Geography	3
HIUS 310, 312, or 390~		3
	~ HIUS 390 is the preferred course for students planning to teach in Virginia	
ENGL 310	Children's Literature	3
PSYC 345	Exceptional Child	3
<b>Cognate: Spanish (15 hrs)</b>		
SPAN 202	Intermediate Spanish II	3
SPAN 301	Advanced Spanish Grammar and Composition	3
SPAN 304	Civilization and Culture of Latin American	3

SPAN 321	Modern Spanish Literature	3
SPAN ____	Upper level elective	
<b>CONCENTRATION: Elementary Education (20 hrs)</b>		
EDUC 125	Introduction to Elementary Education	1
EDUC 220	Differentiated Teaching and Learning (Elementary)	2
EDUC 225	Instructional Design: Elementary	1
EDUC 318	Teaching Elementary Reading	2
EDUC 319	Teaching Elementary Language Arts	2
EDUC 322	Teaching Elementary Social Sciences	2
EDUC 323	Teaching Elementary Mathematics	2
EDUC 324	Teaching Elementary Science	2
EDUC 360	Foundations of Education	2
EDUC 410	Elementary School Curriculum	2
EDUC 415	Diagnostic Measurement and Evaluation	2
<b>PROFESSIONAL STUDIES (8 hrs)</b>		
EDUC 226	Instructional Design Practicum	2
EDUC 240	Technology Practicum	2
EDUC 317	Elementary Reading and Language Arts Practicum	2
EDUC 411	Elementary School Curriculum Practicum	1
EDUC 416	Diagnostic Measurement and Evaluation Practicum	1
<b>PROFESSIONAL SEMESTER (12 hrs)</b>		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I and II /477	5/5
<b>TOTAL HOURS:</b> 129 hours minimum; at least 53 hours must be 300-400 level		

<b>Special Education Integrated Studies (B.S.)</b>		
<b>General Education: Core Competency Requirements (59-66 hrs)</b>		
<b>Courses in the Major (63-67 hrs)</b>		
ECON 110	Survey of Economics	3
GEOG 200	Introduction to Geography	3
HIUS 310, 312, or 390~		3
	~ HIUS 390 is the preferred course for students planning to teach in Virginia	
ENGL 310	Children's Literature	3
PSYC 345	Exceptional Child	3
<b>CONCENTRATION: Special Education (24 hrs)</b>		
EDUC 125	Introduction to Elementary Education	1
EDUC 220	Differentiated Teaching and Learning (Elementary)	2
EDUC 225	Instructional Design: Elementary	1
EDUC 318	Teaching Elementary Reading	2
EDUC 319	Teaching Elementary Language Arts	2
EDUC 323	Teaching Elementary Mathematics	2
EDUC 360	Foundations of Education	2
EDUC 410	Elementary School Curriculum	2
EDUC 415	Diagnostic Measurement and Evaluation	2
EDSP 323	Current Trends in Special Education	2
EDSP 363	Collaboration in Special Education	2
EDSP 413	Inclusive Classrooms	2
EDSP 473	Transition Planning	2
<b>PROFESSIONAL STUDIES (12 hrs)</b>		
EDUC 226	Instructional Design Practicum	2
EDUC 240	Technology Practicum	2
EDUC 317	Elementary Reading and Language Arts Practicum	2
EDUC 411	Elementary School Curriculum Practicum	1
EDUC 416	Diagnostic Measurement and Evaluation Practicum	1
EDSP 324	Current Trends Practicum	2
EDSP 364	Collaboration Practicum	2
EDSP 414	Inclusive Classrooms Practicum	2
EDSP 474	Transition Practicum	2



<b>OPTIONAL: Dual endorsement in Special Education AND Elementary Education (4 hrs)</b>		
EDUC 322	Teaching Elementary Social Sciences	2
EDUC 324	Teaching Elementary Science	2
<b>PROFESSIONAL SEMESTER (12 hrs)</b>		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I and II	5/5
	/477	
<b>TOTAL HOURS:</b> 122 hours minimum; at least 49 hours must be 300-400 level		

**Special Education Minor**

<b>Special Education (Non-licensure) (15 hrs)</b>		
EDSP 323	Current Trends in Special Education/	2/
	/325 Practicum	1
EDSP 363	Collaboration in Special Education/	2/
	/365 Practicum	1
EDSP 413	Inclusive Classrooms/	2/
	/415 Practicum	1
EDSP 473	Transition Planning/	2/
	/475 Practicum	1
PSYC 345	Exceptional Child	3
<b>NOTE:</b> All correlating courses and practicums must be done concurrently.		

**Department of Sport Management**

**Vicky-Lynn Martin, B.S., M.S., D.S.M.**  
 Chair, Department of Sport Management  
 Professor of Sport Management

**PROGRAM ACCREDITATION**

In June 2011, Liberty University’s Bachelor of Science in Sport Management was awarded accreditation by the Board of Commissioners of the Commission on Sport Management Accreditation (COSMA), the new national governing body for sport management.

**Sport Management Major (B.S.)**

**PURPOSE**

The mission of the Sport Management degree program at Liberty University is to help students develop skills to organize, administer, and facilitate sport programs at the corporate, agency, professional, and amateur levels. Opportunities are provided to develop knowledge and skills relevant to the performance of these functions.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Articulate a Christian worldview that incorporates moral leadership and ethical decision-making in the sport management workplace.
2. Demonstrate oral, written, and technological communication effectively and persuasively within professional sport management settings.
3. Evaluate research in sport management from the perspective of current business trends and historical sport management contexts.
4. Synthesize academic principles through knowledge transfer and exchange to the sport management environment.
5. Demonstrate leadership skills in the sport management industry.

**Program of Study**

<b>Sport Management Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (36 hrs)</b>	
SMGT 200	Introduction to Sport Management 3
SMGT 201	History of Sport 3
SMGT 205	Practicum 3
SMGT 302	Sport Facilities and Events 3
SMGT 305	Sport Law 3
SMGT 310	Communication in Sport 3
SMGT 312	Introduction to Sport Ministry Outreach 3
SMGT 404	Administration and Organization of Sport 3
SMGT 405	Sport Finance 3
SMGT 406	Issues and Trends in Sport 3
SMGT 410	Sport Marketing 3
~SMGT 499	Internship 3
<b>Directed Courses (required) (13-19 hrs)*</b>	
BUSI 201	Intermediate Business Computer Applications* 3
ECON 110	Survey of Economics* 3
SMGT 315	Concepts and Practices in Sport Outreach 3
SMGT 317	Mentoring in Sport 3
SMGT 321	Global Sport Outreach 3
SMGT 401	Sport Methodology, Methods and Practices 3
SMGT 402	Sport Chaplaincy 3
<b>Choose two courses (6 hrs) from the following:</b> 6	
SMGT ____	300, 304, 306, 307, 308, 399, 400, or 497
<b>Choose two courses (6 hrs) from the following:</b> 6	
SMGT ____	315, 317, 321, 401, 402, or 497
<b>Choose one course (1 hr) from the following:</b> 1	
KINE ____	Choose one from 210-232
<b>Free Electives (0-13 hrs)</b>	
~ To be taken only when all other requirements are completed and the student has an overall GPA of 2.25 or better	
* Approved General Education courses; may be counted in the Core Competency Requirements	
<b>NOTE:</b> A grade of “C” or higher is required for all SMGT courses	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 33 hours must be 300-400 level	

**Coaching Major (B.S.)**

**PURPOSE**

The Coaching major will prepare students to work as coaches within the sport industry. The students will develop knowledge of administration, pedagogy, compliance, strength and conditioning, leadership skills, communication, motor movement and film editing.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Develop athletes through a whole person development.
2. Administer a program with effective communication skills.
3. Evaluate an athletic program.

**Program of Study**

<b>Coaching Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (36 hrs)</b>		
KINE 208	Motor Learning	2
KINE 209	Motor Learning Lab	1
SMGT 300	Introduction to Coaching	3
SMGT 304	Coaching Football – OR	3
SMGT 306	Coaching Basketball	
SMGT 307	Coaching Fall Sports	3
SMGT 308	Coaching Spring Sports	3
SMGT 310	Communication in Sport	3
SMGT 314	Coaching Dynamics	3
SMGT 400	Sport and Exercise Psychology	3
SMGT 401	Sport Methodology, Methods and Practices	3
SMGT 404	Administration and Organization in Sport and Recreation	3
SMGT 405	Sport Finance – OR	3
SMGT 410	Sport Marketing	
SMGT 499	Internship	3
<b>Directed Courses (required) (7-13 hrs)</b>		
BUSI 201	Intermediate Business Computer Applications	3
COMS 101	Speech Communication	3
ENGL 102	Composition and Literature – OR	3
MUSC 200	Music, Art, Worship & Culture	
<b>Choose two courses (6 hrs) from the following:</b>		6
SMGT ____	205, 304, 306, 312, 315, 321, 399, 402, 405, 410, or 497	
<b>Choose one course (1 hr) from the following:</b>		1
KINE ____	Choose one from 210-232	
<b>Free Electives (12-19 hrs)</b>		
<b>NOTE:</b> Must have a “C” or better in all courses		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 36 hours must be 300-400 level		

**Coaching Minor**

<b>Coaching Minor (18 hrs)</b>		
SMGT 300	Introduction to Coaching	3
SMGT 304	Coaching Football – OR	3
SMGT 306	Coaching Basketball	
SMGT 307	Overview of Coaching Fall Sports	3
SMGT 308	Overview of Coaching Spring Sports	3
SMGT 314	Coaching Dynamics	3
SMGT 400	Sport and Exercise Psychology	3

**Sport Management Minor**

<b>Sport Management Minor (15 hrs)</b>		
SMGT 200	Introduction to Sport Management	3
SMGT 302	Sport Facilities and Events	3
SMGT 305	Sport Law	3
SMGT 404	Administration and Organization in Sport	3
SMGT	Elective (400 level)	3

**Sport Outreach Minor**

**PROGRAM LEARNING OUTCOME**

The student will be able to implement sport ministry principles necessary to serve Christ through leadership in a sports-related ministry.

<b>Sport Outreach Minor (18 hrs)</b>		
SMGT 312	Introduction to Sport Ministry Outreach	3
SMGT 315	Concepts and Practices in Sport Outreach	3
SMGT 317	Mentoring in Sport	3
SMGT 321	Global Sports Outreach	3
SMGT 401	Sport Methodology, Methods and Practices	3
SMGT 402	Sport Chaplaincy	3

## School of Education – Online Programs

### Department of Teacher Education

*As a condition of Liberty's Certificate of Approval from the Alabama Commission on Higher Education, the following disclaimer pertains to Liberty's online programs in Teacher Education:*

**Teacher Education:** State Authorization to provide a program related to the preparation of teachers or other P-12 school/system personnel does not indicate eligibility for an Alabama certificate. Applicants for an **Alabama certificate based on reciprocity** must meet Alabama's test requirements and submit a valid, renewable professional educator certificate/license issued by another state at the degree level, grade level, and in the teaching field or area of instructional support for which an Alabama certificate is sought and for which Alabama issues a certificate. Applicants for **Alabama certification in an area of administration** must also document at least three years of full-time employment as an administrator in a P-12 school system(s). [www.alsde.edu](http://www.alsde.edu)

### Early Childhood Education Interdisciplinary Studies Major (B.S.) (Non-Licensure Program)

#### PROGRAM LEARNING OUTCOMES

A graduate of the Pre-Licensure (AA & BS) programs:

PRE-A. KNOWS Christian values, moral dimensions, and ethical implications synthesized with academic knowledge

- PRE-A1. Demonstrates a broad base of general and professional knowledge;

PRE-B. IMPLEMENTS skills as a gift from God, because teaching is a calling from God

- PRE-B2. Plans effective instruction and selects a variety of strategies based on developmental levels and individual needs in course case studies;
- PRE-B3. Demonstrates the understanding of differentiated instruction,
- PRE-B4. Demonstrates an understanding of classroom management to motivate students and maximize learning;

PRE-C. BELIEVES and practices personal integrity, social responsibility, sensitivity to the needs of others, and the betterment of humanity

- PRE-C5. Demonstrates behaviors of a reflective student and seeks opportunities for professional development.

### Program of Study

#### Early Childhood Education Interdisciplinary Studies Major (B.S.) (Non-Licensure)

**General Education: Core Competency Requirements (36 hrs)**  
**Skills and Knowledge (6 hrs)**

**Cognate One: Education (30 hrs)**

EDUC 200	Principles of Education	3
EDUC 205	Learning Theory and Portfolio Development	3
EDUC 210	Early Childhood Education Fundamentals	3
EDUC 215	Wellness in Early Childhood Education Settings	3
EDUC 301	Instructional Practices for Math Teachers	3

EDUC 302	Instructional Practices for Reading Teachers	3
EDUC 304	Classroom Management for Teachers	3
EDUC 305	Educational Philosophy for Teachers	3
EDUC 307	Instructional Practices for Differentiated Instruction	3
EDUC 380 <sup>1</sup>	Current Issues in Education – OR	3
EDUC 390 <sup>1</sup>	Teaching Practicum	3
<b>Cognate Two: Content Core (15 hrs)</b>		
PSYC 210	Developmental Psychology	3
PSYC 221	Psychology of Childhood	3
PSYC 345	Exceptional Child	3
	EDUC, EDSP, or PSYC Electives	6
<b>Free Electives (33 hrs)</b>		
<sup>1</sup> Background check clearance required for EDUC 380 & 390		
<sup>2</sup> Choose two courses from the following disciplines not already required in Cognate One or Cognate Two: EDSP, EDUC or PSYC		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level; 30 hours must be completed through LU (Online and/or Residential)		

### Elementary Education Interdisciplinary Studies Major (B.S.)

(With Fifth-Year Option for M.A.T. and Licensure)\*

#### PURPOSE

The purpose of the non-licensure Bachelor of Science in Elementary Education Interdisciplinary Studies program is to provide a foundation of education that can assist a student in becoming a teacher candidate in a graduate education program. The program also provides theories and methodology of Christian education that will assist those who will work in Christian schools, churches and home.

#### PROGRAM LEARNING OUTCOMES

A graduate of the Pre-Licensure (AA & BS) programs:

PRE-A. KNOWS Christian values, moral dimensions, and ethical implications synthesized with academic knowledge

- PRE-A1. Demonstrates a broad base of general and professional knowledge;

PRE-B. IMPLEMENTS skills as a gift from God, because teaching is a calling from God

- PRE-B2. Plans effective instruction and selects a variety of strategies based on developmental levels and individual needs in course case studies;
- PRE-B3. Demonstrates the understanding of differentiated instruction,
- PRE-B4. Demonstrates an understanding of classroom management to motivate students and maximize learning;

PRE-C. BELIEVES and practices personal integrity, social responsibility, sensitivity to the needs of others, and the betterment of humanity

- PRE-C5. Demonstrates behaviors of a reflective student and seeks opportunities for professional development.

**Program of Study**

<b>Elementary Education Interdisciplinary Studies Major (B.S.) (Non-Licensure) *</b>		
<b>General Education: Core Competency Requirements (36 hrs)</b>		
<b>Skills and Knowledge (6 hrs)</b>		
<b>Cognate One: Education (30 hrs)<sup>1</sup></b>		
EDUC 200	<i>Principles of Education</i>	3
EDUC 205	<i>Learning Theory and Portfolio Development</i>	3
EDUC 301	<i>Instructional Practices for Math Teachers</i>	3
EDUC 302	<i>Instructional Practices for Reading Teachers</i>	3
EDUC 303	<i>Instructional Practices for Content Teachers</i>	3
EDUC 304	<i>Classroom Management for Teachers</i>	3
EDUC 305	<i>Educational Philosophy for Teachers</i>	3
EDUC 306	<i>Scholarly Writing and APA for Teachers</i>	3
EDUC 307	<i>Instructional Practices for Differentiated Instruction</i>	3
EDUC 380 <sup>2</sup>	<i>Current Issues in Education – OR</i>	3
EDUC 390 <sup>2</sup>	<i>Teaching Practicum</i>	3
<b>Cognate Two: Content Core (16 hrs)</b>		
ENGL 216	<i>English Literature II</i>	3
GEOG 200	<i>Geography</i>	3
GOVT 200	<i>Constitutional Government and Free Enterprise – OR</i>	3
GOVT 220	<i>American Government</i>	
MATH 121	<i>College Algebra</i>	3
PHSC 210	<i>Elements of Earth Science</i>	3
BIOL 103	<i>Principles of Biology Lab – OR</i>	3
PHSC 211	<i>Elements of Earth Science Lab</i>	
<b>Free Electives (32 hrs)</b>		
* This is a non-licensure program. Graduates of this program have the option of completing the M.A.T. for licensure.		
<sup>1</sup> Students must complete a minimum of 30 hours of EDUC courses		
<sup>2</sup> Background check clearance required for EDUC 380 & 390		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level; 30 hours must be completed through LU (Online and/or Residential)		

**Special Education Interdisciplinary Studies Major (B.S.)**

**(With Fifth-Year Option for M.A.T. and Licensure)\***

**PROGRAM LEARNING OUTCOMES**

A graduate of the Pre-Licensure (AA & BS) programs:

PRE-A. KNOWS Christian values, moral dimensions, and ethical implications synthesized with academic knowledge

- PRE-A1. Demonstrates a broad base of general and professional knowledge;

PRE-B. IMPLEMENTS skills as a gift from God, because teaching is a calling from God

- PRE-B2. Plans effective instruction and selects a variety of strategies based on developmental levels and individual needs in course case studies;
- PRE-B3. Demonstrates the understanding of differentiated instruction,
- PRE-B4. Demonstrates an understanding of classroom management to motivate students and maximize learning;

PRE-C. BELIEVES and practices personal integrity, social responsibility, sensitivity to the needs of others, and the betterment of humanity

- PRE-C5. Demonstrates behaviors of a reflective student and seeks opportunities for professional development.

**Program of Study**

<b>Special Education Interdisciplinary Studies Major (B.S.) (Non-Licensure) *</b>		
<b>General Education: Core Competency Requirements (36 hrs)</b>		
<b>Skills and Knowledge (6 hrs)</b>		
<b>Cognate One: Education (30 hrs)</b>		
EDUC 200	<i>Principles of Education</i>	3
EDUC 205	<i>Learning Theory and Portfolio Development</i>	3
EDUC 301	<i>Instructional Practices for Math Teachers</i>	3
EDUC 302	<i>Instructional Practices for Reading Teachers</i>	3
EDUC 304	<i>Classroom Management for Teachers</i>	3
EDUC 305	<i>Educational Philosophy for Teachers</i>	3
EDUC 307	<i>Instructional Practices for Differentiated Instruction</i>	3
EDUC 380 <sup>1</sup>	<i>Current Issues in Education – OR</i>	3
EDUC 390 <sup>1</sup>	<i>Teaching Practicum</i>	3
Electives <sup>2</sup>	Choose two courses from EDUC, EDSP or PSYC	6
<b>Cognate Two: Content Core (15 hrs)</b>		
EDSP 360	<i>Survey of Learning and Behavior Principles</i>	3
EDSP 370	<i>Intervention for Students with Intellectual Disabilities</i>	3
EDSP 410	<i>Instructional Adaptation for Special Education</i>	3
EDSP 420	<i>Current Trends in Special Education</i>	3
PSYC 345	<i>Exceptional Child</i>	3
<b>Free Electives (33 hrs)</b>		
* This is a non-licensure program. Graduates of this program have the option of completing the M.A.T. for licensure. This degree plan is effective for those starting this degree program in fall 2014 through summer 2015.		
<sup>1</sup> Background check clearance required for EDUC 380 & 390		
<sup>2</sup> Choose two courses from the following disciplines not already required in Cognate One or Cognate Two: EDSP, EDUC or PSYC		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level; 30 hours must be completed through LU (Online and/or Residential)		

**Education Major (A.A.)**

**Early Childhood Education Major (A.A.) (Non-Licensure Programs)**

**PROGRAM LEARNING OUTCOMES**

A graduate of the Pre-Licensure (AA & BS) programs:

PRE-A. KNOWS Christian values, moral dimensions, and ethical implications synthesized with academic knowledge

- PRE-A1. Demonstrates a broad base of general and professional knowledge;

PRE-B. IMPLEMENTS skills as a gift from God, because teaching is a calling from God

- PRE-B2. Plans effective instruction and selects a variety of strategies based on developmental levels and individual needs in course case studies;
- PRE-B3. Demonstrates the understanding of differentiated instruction,

- PRE-B4. Demonstrates an understanding of classroom management to motivate students and maximize learning;

PRE-C. BELIEVES and practices personal integrity, social responsibility, sensitivity to the needs of others, and the betterment of humanity

- PRE-C5. Demonstrates behaviors of a reflective student and seeks opportunities for professional development.

### Programs of Study

<b>Early Childhood Education Major (A.A.) (Non-Licensure)</b>	
<b>General Education: Core Competency Requirements (33 hrs)</b>	
<b>Skills and Knowledge (6 hrs)</b>	
<b>Courses in the Major (21 hrs)</b>	
EDUC 200	<i>Principles of Education</i> 3
EDUC 205	<i>Learning Theory and Portfolio Development</i> 3
EDUC 210	<i>Early Childhood Education Fundamentals</i> 3
EDUC 215	<i>Wellness in the Early Childhood Education Settings</i> 3
EDUC 304	<i>Classroom Management for Teachers – OR</i> 3
EDUC 305	<i>Educational Philosophy for Teachers</i> 3
PSYC 221	<i>Psychology of Childhood</i> 3
Elective	Choose a course from the following disciplines not already required in the Core: EDUC, EDSP or other approved elective 3
<b>TOTAL HOURS:</b> 60 hours minimum required.	

<b>Education Major (A.A.) (Non-Licensure)</b>	
<b>General Education: Core Competency Requirements (33 hrs)</b>	
<b>Skills and Knowledge (6 hrs)</b>	
<b>Courses in the Major (21 hrs)</b>	
EDUC 200	<i>Principles of Education</i> 3
EDUC 205	<i>Learning Theory and Portfolio Development</i> 3
EDUC 304	<i>Classroom Management for Teachers – OR</i> 3
EDUC 305	<i>Educational Philosophy for Teachers</i> 3
PSYC 221	<i>Psychology of Childhood</i> 3
EDUC ____	Education Elective 3
Elective	Choose a course from the following disciplines not already required in the Core: EDUC, EDSP or other approved elective 6
<b>TOTAL HOURS:</b> 60 hours minimum required.	

### Autism Minor

#### PROGRAM LEARNING OUTCOMES

PRE-A. KNOWS Christian values, moral dimensions, and ethical implications synthesized with academic knowledge

- PRE-A1. Demonstrates a broad base of general and professional knowledge;

PRE-B. IMPLEMENTS skills as a gift from God, because teaching is a calling from God

- PRE-B2. Plans effective instruction and selects a variety of strategies based on developmental levels and individual needs in course case studies;
- PRE-B3. Demonstrates the understanding of differentiated instruction,
- PRE-B4. Demonstrates an understanding of classroom management to motivate students and maximize learning;

PRE-C. BELIEVES and practices personal integrity, social responsibility, sensitivity to the needs of others, and the betterment of humanity.

- PRE-C5. Demonstrates behaviors of a reflective student and seeks opportunities for professional development.

<b>Autism Minor (18 hrs)</b>		
EDSP 360	<i>Learning and Behavior Problems</i>	3
EDSP 367	<i>Introduction to Autism Spectrum Disorders</i>	3
EDSP 377	<i>Autism: Educational and Theoretical Approaches</i>	3
EDSP	<i>Elective</i>	3
EDUC 298	<i>Education Practicum – OR</i>	3
EDUC 390	<i>Teaching Practicum</i>	3
PSYC 345	<i>Exceptional Child</i>	3

### Special Education Minor

<b>Special Education Minor (15 hrs)</b>		
EDSP 360	<i>Learning and Behavior Problems</i>	3
EDSP 370	<i>Intervention for Students with Intellectual Disabilities</i>	3
EDSP 410	<i>Instructional Adaptation for Special Education</i>	3
EDSP 420	<i>Current Trends in Special Education</i>	3
EDUC 307	<i>Instructional Practice for Differentiated Instruction – OR</i>	3
PSYC 345	<i>Exceptional Child</i>	3

### Liberty University en Español

The School of Education also offers the Associate of Arts in Education online through Liberty University en Español. Additional information is available on the web at <http://www.liberty.edu/online/lue-inicio/>.

## Department of Sport Management

### Sport Outreach Minor

#### PROGRAM LEARNING OUTCOME

The student will be able to implement sport ministry principles necessary to serve Christ through leadership in a sports-related ministry.

<b>Sport Outreach Minor (18 hrs)</b>		
SMGT 312	<i>Introduction to Sport Ministry Outreach</i>	3
SMGT 315	<i>Concepts and Practices in Sport Outreach</i>	3
SMGT 317	<i>Mentoring in Sport</i>	3
SMGT 321	<i>Global Sports Outreach</i>	3
SMGT 401	<i>Sport Methodology, Methods and Practices</i>	3
SMGT 402	<i>Sport Chaplaincy</i>	3

#### DEGREE COMPLETION PLANS

Degree Completion Plans for online undergraduate programs offered by the School of Education are available online at <http://www.liberty.edu/index.cfm?PID=2981>.

## *Undergraduate Certificate*

The School of Education offers an undergraduate certificate in  
Preschool through Liberty University Online.

### **CERTIFICATE COMPLETION REQUIREMENTS**

1. Complete 18 total hours with a 2.00 GPA.
2. All courses must be completed through Liberty University.
3. No grade of “D” may be applied to the certificate.
4. Submission of Certificate Completion Application at beginning of final semester.

### **CERTIFICATE COMPLETION PLANS**

Certificate Completion Plans (CCP) can be accessed online at  
<http://www.liberty.edu/index.cfm?PID=27907>.

### *Certificate in Preschool*

#### **Preschool Certificate (18 hrs)**

EDUC 200	<i>Principles of Education</i>	3
EDUC 205	<i>Learning Theory and Portfolio Development</i>	3
EDUC 210	<i>Early Childhood Education Fundamentals</i>	3
EDUC 215	<i>Wellness in the Early Childhood Setting</i>	3
EDUC 304	<i>Classroom Management for Teachers</i>	3
EDUC 305	<i>Educational Philosophy for Teachers - OR</i>	3
PSYC 221	<i>Psychology of Childhood</i>	

# School of Engineering & Computational Sciences

## Administration

**David Donahoo, B.S., M.S.**

*Dean, School of Engineering & Computational Sciences  
Assistant Professor of Information Systems*

**Carl Pettiford, B.S., M.S., Ph.D.**

*Chair, Department of Engineering  
Associate Professor of Electrical Engineering*

**Jerry Westfall, B.S., M.S., Ph.D.**

*Chair, Department of Computational Sciences  
Professor of Computational Sciences*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CategoryId=22> where faculty can be searched for by Department.

## PURPOSE

The School of Engineering and Computational Sciences functions with the purpose of teaching Christ-centered men and women with the values, knowledge, and skills critical for impacting computing and technology-related disciplines in tomorrow's world. Enhanced in the fall of 2007, the School has the long-term vision of creating and maintaining nationally recognized technology-related degrees, centers, institutes, and initiatives in education, research, training, and missions so that our Christ-centered graduates can have the greatest impact on tomorrow's world.

The School offers six degrees and two minors that provide students with the skills, knowledge, and understanding of information technology necessary for impacting tomorrow's socio-technological culture.

## PROGRAM ACCREDITATION

The Bachelor of Science degree programs in Computer Engineering, Electrical Engineering and Industrial and Systems Engineering have received accreditation from the Engineering Accreditation Commission of ABET. The Bachelor of Science in Computer Science has received accreditation from the Computing Accreditation Commission of ABET.

ABET is the recognized accrediting agency for college and university programs in applied science, computing, engineering, and engineering technology. ABET accreditation demonstrates a program's commitment to providing its students with a quality education.

## TEACHER LICENSURE

Liberty University offers teacher licensure programs which are approved by the State of Virginia Department of Education. Teacher preparation and endorsement in Computer Science is available through the School of Engineering and Computational Sciences in cooperation with the Teacher Education Department.

Those who enter the teacher licensure program must complete the academic major, be subject to the same general education requirements as all other students, and complete academic and practicum experiences related to professional teacher training.

Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at <http://www.liberty.edu/uguide>.

## DEGREE COMPLETION PLANS

Degree Completion Plans for programs offered by the School of Engineering and Computational Sciences can be accessed online at: <http://www.liberty.edu/index.cfm?PID=2981>.

## Engineering Programs

### ENGINEERING PROGRAM LEARNING OUTCOMES

The student will be able to:

1. An ability to apply knowledge of mathematics, science, and engineering;
2. An ability to design and conduct experiments, as well as to analyze and interpret data;
3. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
4. An ability to function on multidisciplinary teams;
5. An ability to identify, formulate, and solve engineering problems;
6. An understanding of professional and ethical responsibility;
7. An ability to communicate effectively;
8. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
9. A recognition of the need for, and an ability to engage in life-long learning;
10. A knowledge of contemporary issues; and
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

## Computer Engineering Major (B.S.)

### PURPOSE

The computer engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence computer and electrical engineering-related industries in the current and evolving economy. The program prepares graduates for the thoughtful integration of work and life and to view the computer engineering profession as a lifelong commitment to serving others.

### PROGRAM EDUCATIONAL OBJECTIVES

Our goal is, within a few years of graduating, our Computer Engineering students will be able to:

1. Advance in an engineering career or graduate studies.
2. Be recognized as a creative thinkers; exhibiting an aptitude for continuous learning.
3. Display professional ethics and behavior consistent with foundational Christian principles.

## Program of Study

### Computer Engineering Major (B.S.)

**General Education: Core Competency Requirements (57-64 hrs)**

**Courses in the Major (57 hrs)**

ENGR 110	<i>Introduction to Engineering and Problem Solving</i>	3
ENGE 201	<i>Introduction to Logic Design</i>	3

ENGE 211	<i>Introduction to Electrical Circuits</i>	4
ENGE 212	<i>AC Circuit Analysis</i>	4
ENGI 220	<i>Engineering Economy</i>	3
CSCI 111	<i>Introduction to Programming</i>	3
CSCI 112	<i>Advanced Programming</i>	3
CSCI 215	<i>Algorithms and Data Structures</i>	3
ENGE 311	<i>Signals and Systems</i>	3
ENGE 321	<i>Electronics</i>	4
ENGE 341	<i>Communications Systems</i>	3
ENGC 361	<i>Computer Architecture</i>	3
ENGR 381	<i>Engineering Design Introduction</i>	3
ENGC 465	<i>Introduction to Computer Networks</i>	3
ENGC 301	<i>Introduction to Microprocessors</i>	3
ENGC 401	<i>Micro Computer Design</i>	3
ENGR 481	<i>Engineering Design I</i>	3
ENGR 482	<i>Engineering Design II</i>	3
<b>Technical Electives</b> (3 hrs minimum from list of Approved Engineering Courses) NOTE: ENGR 495 Directed Research (2 hrs) is strongly recommended		
<b>Quantitative Studies (16 hrs)</b>		
ENGR 210	<i>Probability and Statistical Methods for Engineering</i>	3
MATH 221	<i>Applied Linear Algebra</i>	3
MATH 231	<i>Calculus and Analytical Geometry III</i>	4
MATH 250	<i>Introduction to Discrete Mathematics</i>	3
MATH 334	<i>Differential Equations</i>	3
<b>Directed Course (Required) (0-3 hrs)</b>		
ENGR 270	<i>Technical Communication*</i>	
* This course is an approved General Education course and may be counted in the Core Competency requirements.		
<b>NOTE: "C" or better required in all courses</b>		
<b>TOTAL HOURS:</b> 133 hours minimum; at least 34 hours must be 300-400 level		

**Electrical Engineering Major (B.S.)**

**PURPOSE**

The electrical engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence electrical engineering-related industries in the current and evolving economy. The program prepares graduates for the thoughtful integration of work and life and to view the electrical engineering profession as a lifelong commitment to serving others.

**PROGRAM EDUCATIONAL OBJECTIVES**

Our goal is, within a few years of graduating, our Electrical Engineering students will be able to:

1. Advance in an engineering career or graduate studies.
2. Be recognized as a creative thinkers; exhibiting an aptitude for continuous learning.
3. Display professional ethics and behavior consistent with foundational Christian principles.

**Program of Study**

<b>Electrical Engineering Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (57-64 hrs)</b>		
<b>Courses in the Major (52 hrs)</b>		
CSCI 111	<i>Introduction to Programming</i>	3
ENGR 110	<i>Introduction to Engineering and Problem Solving</i>	3
ENGE 201	<i>Introduction to Logic Design</i>	3
ENGE 211	<i>Introduction to Electrical Circuits</i>	4

ENGE 212	<i>AC Circuit Analysis</i>	4
ENGI 220	<i>Engineering Economy</i>	3
ENGE 311	<i>Signals and Systems</i>	3
ENGE 321	<i>Electronics</i>	4
ENGE 331	<i>Electromagnetic Fields</i>	4
ENGE 341	<i>Communications Systems</i>	3
ENGC 361	<i>Computer Architecture</i>	3
ENGR 381	<i>Engineering Design Introduction</i>	3
ENGE 421	<i>Advanced Electronics</i>	3
ENGE 351	<i>Power Systems – OR</i>	3
ENGE 431	<i>Electromagnetic Compatibility – OR</i>	
ENGC 465	<i>Introduction to Computer Networks</i>	
ENGR 481	<i>Engineering Design I</i>	3
ENGR 482	<i>Engineering Design II</i>	3
<b>Technical Electives</b> (9 hrs minimum from list of Approved Engineering Courses) NOTE: ENGR 495 Directed Research (2 hrs) is strongly recommended		
<b>Quantitative Studies (16 hrs)</b>		
ENGR 210	<i>Probability and Statistical Methods for Engineering</i>	3
MATH 221	<i>Applied Linear Algebra</i>	3
MATH 231	<i>Calculus and Analytical Geometry III</i>	4
MATH 250	<i>Introduction to Discrete Mathematics</i>	3
MATH 334	<i>Differential Equations</i>	3
<b>Directed Course (Required) (0-3 hrs)</b>		
ENGR 270	<i>Technical Communication*</i>	
* This course is an approved General Education course and may be counted in the Core Competency requirements.		
<b>NOTE: "C" or better required in all courses</b>		
<b>TOTAL HOURS:</b> 134 hours minimum; at least 35 hours must be 300-400 level		

**Industrial and Systems Engineering Major (B.S.)**

**PURPOSE**

The industrial and systems engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence an industrial setting of complex, integrated systems. The program prepares graduates for the thoughtful integration of work and life and to view the industrial engineering profession as a lifelong commitment to serving others.

**PROGRAM EDUCATIONAL OBJECTIVES**

Our goal is, within a few years of graduating, our Industrial and Systems Engineering students will be able to:

1. Advance in an engineering career or graduate studies.
2. Be recognized as a creative thinkers; exhibiting an aptitude for continuous learning.
3. Display professional ethics and behavior consistent with foundational Christian principles.

**Program of Study**

<b>Industrial and Systems Engineering Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (57-64 hrs)</b>		
<b>Courses in the Major (54 hrs)</b>		
CSCI 111	<i>Introduction to Programming</i>	3
ENGR 110	<i>Introduction to Engineering and Problem Solving</i>	3
ENGI 220	<i>Engineering Economy</i>	3
ENGI 230	<i>Production Systems</i>	3
ENGI 300	<i>Enterprise Forecasting</i>	3
ENGI 305	<i>Data Analysis Methods and Modeling</i>	3



ENGI 330	<i>Facilities Design</i>	3
ENGI 340	<i>Introduction to Operations Research: Deterministic Models</i>	3
ENGI 350	<i>Introduction to Operations Research: Probabilistic Models</i>	3
ENGI 360	<i>Engineering Information Systems</i>	3
ENGR 277	<i>Engineering Ethical and Legal Issues</i>	3
ENGR 370	<i>Quality Assurance</i>	3
ENGR 381	<i>Engineering Design Introduction</i>	3
ENGI 430	<i>Decision Analysis</i>	3
ENGI 450	<i>Human Factors and Ergonomics</i>	3
ENGI 460	<i>Digital Simulation</i>	3
ENGR 481	<i>Engineering Design I</i>	3
ENGR 482	<i>Engineering Design II</i>	3
<b>Technical Electives</b> (6 hrs minimum from list of Approved Engineering Courses)		
NOTE: ENGR 495 Directed Research (2 hrs) is strongly recommended		
<b>Quantitative Studies (16 hrs)</b>		
ENGR 210	<i>Probability and Statistical Methods for Engineering</i>	3
MATH 221	<i>Applied Linear Algebra</i>	3
MATH 231	<i>Calculus and Analytical Geometry III</i>	4
MATH 250	<i>Introduction to Discrete Mathematics</i>	3
MATH 334	<i>Differential Equations</i>	3
<b>Directed Course (Required) (0-3 hrs)</b>		
ENGR 270	<i>Technical Communication*</i>	
* This course is an approved General Education course and may be counted in the Core Competency requirements.		
NOTE: "C" or better required in all courses		
<b>TOTAL HOURS:</b> 133 hours minimum; at least 42 hours must be 300-400 level		

ENGM 310	<i>Materials Engineering</i>	3
ENGR 315	<i>Fluid Dynamics</i>	3
PHYS 320	<i>Thermodynamics</i>	3
ENGM 325	<i>Thermal Fluids Design Lab</i>	2
ENGR 330	<i>Mechanics of Materials</i>	3
ENGM 345	<i>Materials and Manufacturing Processing</i>	4
ENGM 355	<i>Design of Machine Components</i>	3
ENGR 360	<i>Heat Transfer</i>	4
ENGR 365	<i>Dynamic Modeling of Systems</i>	3
ENGR 381	<i>Engineering Design Introduction</i>	3
ENGR 385	<i>Thermodynamics II</i>	4
ENGR 481	<i>Engineering Design I</i>	3
ENGR 482	<i>Engineering Design II</i>	3
<b>Technical Electives</b> (3 hrs minimum from list of Approved Engineering Courses)		
NOTE: ENGR 495 Directed Research (2 hrs) is strongly recommended		
<b>Quantitative Studies (10 hrs)</b>		
ENGR 210	<i>Probability and Statistical Methods for Engineering</i>	3
MATH 231	<i>Calculus and Analytical Geometry III</i>	4
MATH 334	<i>Differential Equations</i>	3
<b>Directed Course (Required) (0-3 hrs)</b>		
ENGR 270	<i>Technical Communication*</i>	
* This course is an approved General Education course and may be counted in the Core Competency requirements.		
NOTE: "C" or better required in all courses		
<b>TOTAL HOURS:</b> 134 hours minimum; at least 47 hours must be 300-400 level		

### Mechanical Engineering Major (B.S.)

#### PURPOSE

The mechanical engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence mechanical engineering-related industries in the current and evolving economy. The program prepares graduates for the thoughtful integration of work and life and to view the mechanical engineering profession as a lifelong commitment to serving others.

#### PROGRAM EDUCATIONAL OUTCOMES

Our goal is, within a few years of graduating, our Mechanical Engineering students will be able to:

1. Advance in an engineering career or graduate studies.
2. Be recognized as a creative thinkers; exhibiting an aptitude for continuous learning.
3. Display professional ethics and behavior consistent with foundational Christian principles.

#### Program of Study

<b>Mechanical Engineering Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (57-64 hrs)</b>		
<b>Courses in the Major (64 hrs)</b>		
ENGR 110	<i>Introduction to Engineering and Problem Solving</i>	3
CHEM 121	<i>General Chemistry I</i>	4
ENGR 213	<i>Mechatronics</i>	4
ENGI 220	<i>Engineering Economy</i>	3
ENGR 235	<i>Statics</i>	3
ENGR 240	<i>Dynamics</i>	3
ENGM 305	<i>Instrumentation and Measurements</i>	3

### Computational Science Programs

#### PURPOSE

In general, the computational science programs [i.e., Computer Science (CS) and Applied Internet Technologies (AITE)] are designed to prepare our students to enter the professional workforce with the knowledge and skills to impact computing and technology-related disciplines in tomorrow's world.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Apply knowledge of computing and mathematics appropriate to the discipline.
2. Analyze a problem, and identify and define the computing requirements appropriate to its solution.
3. Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
4. Function effectively on teams to accomplish a common goal.
5. Demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities.
6. Communicate effectively with a range of audiences.
7. Analyze the local and global impact of computing on individuals, organizations, and society.
8. Recognize the need for and an ability to engage in continuing professional development.
9. Use current techniques, skills, and tools necessary for computing practice.
10. Apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
11. Apply design and development principles in the construction of software systems of varying complexity.

**Computer Science Major (B.S.)**

**PURPOSE**

The Computer Science (CSCI) major is offered by the School of Engineering and Computational Sciences with the purpose of developing Christ-centered men and women with the values, knowledge, and skills essential to impact computing-related disciplines in tomorrow’s world.

Students are exposed to the computer science core body of knowledge from a Christian worldview. Equipped with a firm foundation in algorithms and problem solving, they learn to analyze problems and design, implement, and test software solutions. Students also develop a strong background in mathematics to cultivate their reasoning abilities. Faculty help students prepare for a lifetime of service while encouraging undergraduate research and effective application of technology from a Christian worldview.

**PROGRAM EDUCATIONAL OBJECTIVES**

Our goal is, within a few years of graduating, our Computer Science students will be able to:

1. Demonstrate a sound understanding of the fundamentals principles and practices of computer science necessary for employment and graduate studies.
2. Apply computer science principles and practices to identify and document requirements, develop designs, as well as implement and validate solutions for computing systems of varying levels of complexity.
3. Establish a sense of continuous life-long learning and adopting new technologies where appropriate.
4. Develop skills for working in teams; communicating technical information effectively in both oral and written forms; engaging in creative and critical thinking; gaining and applying business knowledge; building leadership skills.
5. Display the Christian principles that are the basis for their professional ethics and behavior.

**TEACHER LICENSURE**

An endorsement in Computer Science is available. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education.

**Career Opportunities**

Computer Scientists	Operations Research
Computer Engineers	Systems Analysts
Computer Programmers	Teaching in Private Schools &
Database Administrators	Public Schools

**Programs of Study**

<b>Computer Science Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (62-69 hrs)</b>		
<b>Courses in the Major (45 hrs)*</b>		
CSCI 110	<i>Computing Foundations/Ethics</i>	3
CSCI 111	<i>Introduction to Programming</i>	3
CSCI 112	<i>Advanced Programming</i>	3
CSCI 215	<i>Algorithms &amp; Data Structures</i>	3
CSCI 325	<i>Database Management Systems</i>	3
CSCI 342	<i>Computer Architecture and Organization</i>	3
CSCI 355	<i>Computer Network Architecture/Programming</i>	3
CSCI 434	<i>Theory of Programming Languages</i>	3
CSCI 443	<i>Operating Systems</i>	3

CSCI 465	<i>Technical Aspects of Information Security – OR</i>	3
CSCI 466	<i>Modern Cryptography</i>	
CSCI 481	<i>Software Engineering</i>	3
CSCI 482	<i>Applied Software Engineering</i>	3
CSCI ____	(any CSCI)	3
CSCI ____	(upper level)	3
CSCI ____	OR – ENGS (upper level)	3
<b>Directed Courses (Required) (13 hrs)*</b>		
ENGR 133	<i>Calculus with MATLAB – OR</i>	1
MATH 133	<i>Calculus with Mathematic Lab</i>	
MATH 211	<i>Introduction to Statistical Analysis</i>	3
MATH 221	<i>Applied Linear Algebra – OR</i>	3
MATH 321	<i>Linear Algebra</i>	
MATH 250	<i>Introduction to Discrete Mathematics</i>	3
MATH 350	<i>Discrete Mathematics</i>	3
<b>Lab Science (4 hrs)</b>		
BIOL 101/103; BIOL 102/104; BIOL 224; or CHEM 121		4
<b>Free Electives (0-2 hrs)</b>		
<b>*NOTE: “C” or better required in all courses</b>		
<b>TOTAL HOURS: 126 hours minimum; at least 33 hours must be 300-400 level</b>		

<b>Computer Science Major (B.S.) Teacher Licensure Requirements (Grades 6-12)</b>		
<b>General Education: Core Competency Requirements (62-69 hrs)</b>		
<b>Courses in the Major (45 hrs)*</b>		
<b>Directed Courses (Required) (13 hrs)*</b>		
<b>Lab Science (4 hrs)</b>		
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235 /236	<i>Content Instructional Design / Practicum</i>	1/2
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 419 /420	<i>Content Teaching Methods /Practicum</i>	2/1
EDUC 425	<i>Content Measurement and Evaluation</i>	3
EDUC 435 /436	<i>Content Curriculum Fundamentals / Practicum</i>	2/1
<b>Professional Semester:</b>		
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
<b>*NOTE: “C” or better required in all courses</b>		
<b>TOTAL HOURS: 155 hours minimum; at least 59 hours must be 300-400 level</b>		

**Applied Internet Technologies Major (B.S.)**

**PURPOSE**

The Applied Internet Technologies major is offered by the School of Engineering and Computational Sciences with the purpose of developing Christ-centered men and women with the values, knowledge, and skills essential to impact the Internet related disciplines in tomorrow’s world.

With the explosion of Internet technologies is an accompanying demand for internet technology professionals with skill sets that are relevant to their occupations. All analyses indicate that this demand will continue on an upward trend for many years to come.

**PROGRAM EDUCATIONAL OBJECTIVES**

Our goal is, within a few years of graduating, our Applied Internet Technologies students will be able to:

1. Demonstrate a sound understanding of the fundamental principles and practices of Internet technologies necessary for employment and graduate studies.
2. Apply Internet technologies principles and practices to identify and document requirements, develop designs, as well as implement and validate solutions for computing systems of varying levels of complexity.
3. Establish a sense of continuous life-long learning and adopting new technologies where appropriate.
4. Develop skills for working in teams; communicating technical information effectively in both oral and written forms; engaging in creative and critical thinking; gaining and applying business knowledge; building leadership skills.
5. Display the Christian principles that are the basis for their professional ethics and behavior.

**Career Opportunities**

- |                     |                           |
|---------------------|---------------------------|
| Web Programmers     | Network Administrators    |
| Web Engineers       | Systems Administrators    |
| Software Developers | Software Project Managers |

**Program of Study**

<b>Applied Internet Technologies (B.S.)</b>		
<b>General Education: Core Competency Requirements (55-62 hrs)</b>		
<b>Courses in the Major (48 hrs)</b>		
BMIS 208	<i>Application Programming</i>	3
BMIS 212	<i>Object-Oriented Programming</i>	3
BMIS 325	<i>Database Management Systems</i>	3
BMIS 330	<i>Business Data Communications</i>	3
BMIS 331	<i>Networks</i>	3
BMIS 430	<i>Advanced Networking and Communication Systems</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 424	<i>E-Commerce</i>	3
CSCI 110	<i>Computing Foundations and Ethics</i>	3
CSCI 310	<i>Web Architecture and Development</i>	3
CSCI 315	<i>Client-Side Programming</i>	3
CSCI 316	<i>Server-Side Programming</i>	3
CSCI 340	<i>Studies in Information Security</i>	3
CSCI 345	<i>Introduction to Unix</i>	3
CSCI 405	<i>Web Services</i>	3

CSCI 416	<i>AITE Capstone</i>	3
<b>Directed Courses (Required) (0-6 hrs)*</b>		
MATH 121	<i>College Algebra</i>	3
MATH 201	<i>Introduction to Probability and Statistics</i>	3
/BUSI 230		
<b>Free Electives (10-17 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 39 hours must be 300-400 level		

**Computer Science Minor**

<b>Computer Science Minor (21 hrs)</b>		
CSCI 110	<i>Computing Foundations and Ethics</i>	3
CSCI 111	<i>Introduction to Programming</i>	3
CSCI 112	<i>Advanced Programming</i>	3
CSCI 215	<i>Algorithms and Data Structures</i>	3
CSCI ____	Electives (upper level)	6
MATH 250	<i>Introduction to Discrete Mathematics</i>	3

**Information Security Minor**

**PURPOSE**

The purpose of the Information Security Minor is to provide the student with an awareness of the threats to and vulnerabilities of our corporate and national security information systems, as well as develop the skills needed to design, execute, and evaluate information security policies, procedures and practices.

**PROGRAM LEARNING OUTCOME**

The student will be able to design and operate the policies, procedures and practices of an information security system.

<b>Information Security Minor (18 hrs)</b>		
CSCI/	<i>Studies in Information Security</i>	3
BMIS 340		
BMIS 341/	<i>Information Security Planning</i>	3
CSCI 351		
CSCI 352	<i>Information Security Operations</i>	3
BMIS 330	<i>Business Data Communication Systems</i>	3
BUSI 310	<i>Principles of Management</i>	3
GOVT 380	<i>Introduction to Intelligence – OR</i>	3
CJUS 380	<i>Introduction to Homeland Security</i>	

# School of Engineering & Computational Sciences Online Program

## ***B.S. in Applied Web Technologies***

### **PURPOSE**

The Applied Web Technologies major is offered by the School of Engineering and Computational Sciences with the purpose of developing Christ-centered men and women with the values, knowledge, and skills essential to impact the Internet related disciplines in tomorrow's world.

With the explosion of Web technologies is an accompanying demand for internet technology professionals with skill sets that are relevant to their occupations. All analyses indicate that this demand will continue on an upward trend for many years to come.

### **PROGRAM EDUCATIONAL OBJECTIVES**

Our goal is, within a few years of graduating, our Applied Web Technologies students will be able to:

1. Demonstrate a sound understanding of the fundamental principles and practices of Internet technologies necessary for employment and graduate studies.
2. Apply Web technologies principles and practices to identify and document requirements, develop designs, as well as implement and validate solutions for computing systems of varying levels of complexity.
3. Establish a sense of continuous life-long learning and adopting new technologies where appropriate.
4. Develop skills for working in teams; communicating technical information effectively in both oral and written forms; engaging in creative and critical thinking; gaining and applying business knowledge; building leadership skills.
5. Display the Christian principles that are the basis for their professional ethics and behavior.

### ***Career Opportunities***

Web Programmers	Network Administrators
Web Engineers	Systems Administrators
Software Developers	Software Project Managers

## ***Program of Study***

### **Applied Web Technologies Major (B.S.)**

**General Education: Core Competency Requirements (36 hrs)  
Skills and Knowledge (12 hrs)**

#### **Courses in the Major (48 hrs)**

BMIS 200	Enterprise Business Applications and Communications	3
BMIS 208	Application Programming	3
BMIS 212	Object-Oriented Programming	3
BMIS 325	Database Management Systems	3
BMIS 330	Business Data Communications	3
BMIS 331	Networks	3
BMIS 430	Advanced Networking and Communication Systems	3
BUSI 301	Business Law	3
BUSI 424	E-Commerce	3
CSCI 310	Web Architecture and Development	3
CSCI 315	Client-Side Programming	3
CSCI 316	Server-Side Programming	3
CSCI 340	Studies in Information Security	3
CSCI 345	Introduction to Unix	3
CSCI 405	Web Services	3
CSCI 416	AITE Capstone	3

#### **Free Electives (24 hrs)**

**TOTAL HOURS:** 120 hours minimum; at least 30 hours must be 300-400 level

## ***Information Security Minor***

### **PURPOSE**

The purpose of the Information Security Minor is to provide the student with an awareness of the threats to and vulnerabilities of our corporate and national security information systems, as well as develop the skills needed to design, execute, and evaluate information security policies, procedures and practices.

### **PROGRAM LEARNING OUTCOME**

The student will be able to design and operate the policies, procedures and practices of an information security system.

### **Information Security Minor (18 hrs)**

BMIS 330	Business Data Communication Systems	3
BMIS 340	Studies in Information Security	3
BUSI 310	Principles of Management	3
GOVT 380	Introduction to Intelligence –OR	3
CJUS 380	Introduction to Homeland Security	3
CSCI 351	Information Security Planning	3
CSCI 352	Information Security Operations	3

# Helms School of Government

## Administration

**Shawn D. Akers, B.A., M.A., J.D.**  
 Dean, Helms School of Government  
 Professor of Government

**Ronald Miller, B.A., M.S.**  
 Associate Dean, Helms School of Government  
 Assistant Professor of Government

**Stephen M. Parke, B.A., J.D., LL.M.**  
 Associate Dean, Helms School of Government  
 Associate Professor of Criminal Justice

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaID=22> where faculty can be searched for by Department.

## PURPOSE

The Helms School of Government offers Bachelor of Arts, Bachelor of Science, and Associate of Arts degrees, with majors in Government, International Relations and Criminal Justice; minors in Government, International Relations, Criminal Justice, Strategic and Intelligence Studies and Western Legal Traditions; and concentrations in International Relations, Politics and Policy, International Politics and Policy, Strategic and Intelligence Studies and Western Legal Traditions (Pre-Law).

The curriculum encourages students to approach their chosen professions as opportunities for Christian Service and equips students with a strong foundation of knowledge and skills in conducting the business of government, politics, policy-making, public administration, public safety and military service. The goal of the curriculum is to produce action-oriented students who are able to understand and articulate the biblical roots of our religious, economic, and political liberties, and, thus, to equip them to become highly qualified leaders in their chosen career fields.

## INTERNSHIPS

Knowledge becomes wisdom when a student takes the theory of the classroom and applies it in the context of the real world. To that end, our students are encouraged to apply for an internship in their field of study. The Helms School of Government is actively placing our students in positions at the White House, offices of elected officials, military and government intelligence agencies, and conservative political organizations. Internships are also available at the state and local government level as well at federal and state criminal justice agencies.

Applicants must satisfy the 2.50+ GPA requirement and successfully complete the rigorous screening process prior to placement. The program is designed to keep the student on track for graduation and qualify for financial aid programs.

## PARTNERSHIPS

In addition, in order to provide motivated students with unique educational opportunities, the Helms School of Government also partners with the Central Virginia Criminal Justice Academy, the School of Engineering and Computational Sciences, and the School of Communication. These partnerships are in place to set students apart and better prepare them for employment.

## CENTER FOR PRE-LAW STUDIES

The Center for Pre-Law Studies uniquely incorporates a biblical worldview to prepare future law students for success. Everything, from academic programs to competing teams, to lecture series and extracurricular offerings, is designed to help students prepare for, and succeed in, law school. The Center for Pre-Law Studies also provides resources to assist students in the law school application process including choosing law schools, preparing for the LSAT, and crafting a winning personal statement. More information is available on the website at [www.liberty.edu/academics/helmsschoolofgovernment/prelawstudies](http://www.liberty.edu/academics/helmsschoolofgovernment/prelawstudies).

## Career Opportunities

### Criminal Justice

Criminologist	Insurance Investigator
Customs Service Inspector	Police Officer
Customs Special Agent	Deputy Sheriff (County)
Detective	State Police
Federal Agent (various: CIA, DEA, FBI, U.S. Marshals, Secret Service, etc)	Parole/Probation Officer
Fraud Investigator	Prosecutor's Office Investigator
	Military Service

### International Relations

Diplomat	Foreign Service Officer
Policy Institute Analyst	Intelligence Analyst

### Politics and Policy

Chamber of Commerce Manager	Political Consultant
City Manager	Political Scientist
Community Organizer	Politician
Legislative Analyst	Public Administrator
	Urban Planner

### Strategic and Intelligence Studies

Federal Agent	Foreign Service Officer
Intelligence Analyst	Diplomat

### Western Legal Traditions (Pre-Law)

Attorney	Politician
Judge	Public Administrator
Legislation Analyst	Federal Agent

## DRESS CODE

The Helms School of Government requires its faculty and students to maintain a neat, well-groomed, and professional appearance. The standards in this code apply to all 300 and 400 level classes and exams, as well as school-wide functions held within the Helms School of Government. More information can be found online at <http://www.liberty.edu/index.cfm?PID=19738>.

## DEGREE COMPLETION PLANS (DCP)

Degree Completion Plans for degree programs offered by the Helms School of Government can be found online at: <http://www.liberty.edu/index.cfm?PID=2981>.

## Criminal Justice Major (B.S.)

### PURPOSE

The purpose of the Criminal Justice major is to provide a foundational understanding of the history, philosophy, and practical issues that impact our criminal justice system in local, state, and federal law enforcement agencies. Students will stand out as Christ-centered - moral, ethical, and value driven men and

women with the skill sets necessary to excel as leaders in courts, corrections, and policing in all jurisdictions.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate the nature of the criminal justice system from a biblical worldview.
2. Communicate effectively in both written and oral formats.
3. Demonstrate competence in the discipline of criminal justice.
4. Solve various criminal justice dilemmas.
5. Evaluate substantive and procedural criminal law from a Constitutional perspective.

**Program of Study**

<b>Criminal Justice Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (36 hrs)</b>	
CJUS 200	Introduction to Criminal Justice 3
CJUS 230	Criminal Justice Research and Writing 3
CJUS 300	Administration of Justice Organizations 3
CJUS 310	Juvenile Justice 3
CJUS 320	Corrections 3
CJUS 330	Judicial Process 3
CJUS 340	Criminology 3
CJUS 350	Criminal Justice Ethics 3
CJUS 400	Criminal Law 3
CJUS 410	Constitutional Criminal Procedure 3
CJUS 420	Criminal Investigations 3
GOVT 480	Terrorism 3
<b>Directed Courses (required) (6-18 hrs)*</b>	
GOVT 200	Constitutional Government and Free Enterprise* 3
GOVT 220	American Government* 3
<b>Must choose two courses from the following:</b>	
CJUS ___	Any courses not listed above
ACCT ___	Any courses
BUSI ___	301, 310, 340, or 342
GOVT ___	Any upper level GOVT courses except: 301, 302, 330, 332, 333, 334, 335, 337, 340, 350, 403, 405, 425, 430, 440, 451, 490, or 492
Language (Modern)*	
PSYC ___	101*, 210*, 305/306, 317, 361, 406, 430, or 475
<b>Free Electives (13-20 hrs)</b>	
* These courses are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 30 hours must be 300-400 level.	

<b>FORENSICS COGNATE (12 hrs)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Core Courses (36 hrs)</b>	
<b>Forensics Cognate (12 hrs)</b>	
CJUS 360	Introduction to Forensics 3
CJUS 361	Crime Scene Photography 3
CJUS 362	Crime Scene Management 3
CJUS 363	Computer and Cyber Forensics 3
<b>Free Electives (7-14 hrs)</b>	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.	

<b>HOMELAND SECURITY COGNATE (12 hrs)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (36 hrs)</b>		
<b>Homeland Security Cognate (12 hrs)</b>		
CJUS 380	Introduction to Homeland Security	3
CJUS 381	Incident Command System/Emergency Planning and Incident Management	3
CJUS 382	Critical Infrastructure Protection	3
CJUS 383	Behavioral Dimensions of Disaster	3
<b>Free Electives (7-14 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

<b>PUBLIC ADMINISTRATION COGNATE (12 hrs)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (36 hrs)</b>		
<b>Public Administration Cognate (12 hrs)</b>		
GOVT 360	Introduction to Public Administration	3
GOVT 462	Public Financing and Budgeting	3
GOVT 470	Government Regulation of Business	3
GOVT 475	Advanced Public Administration	3
<b>Free Electives (7-14 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

<b>STRATEGIC INTELLIGENCE STUDIES COGNATE (12 hrs)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (36 hrs)</b>		
<b>Strategic Intelligence Studies Cognate (12 hrs)</b>		
GOVT 380	Introduction to Intelligence	3
GOVT 381	Intelligence Analysis	3
GOVT 481	Counter-Terrorism	3
GOVT 483	Military Intelligence – OR	3
GOVT 484	Strategic Intelligence	3
<b>Free Electives (7-14 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

<b>YOUTH CORRECTIONS COGNATE (12 hrs)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (36 hrs)</b>		
<b>Youth Corrections Cognate (12 hrs)</b>		
CJUS 321	Juvenile Corrections	3
CJUS 322	Community Based Corrections	3
CJUS 323	Delinquency and Crime Prevention	3
CJUS 324	Legal and Ethical Issues in Juvenile Justice	3
<b>Free Electives (7-14 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

**Government Major (B.A./B.S.)**

**PURPOSE**

The purpose of the Government major is provide a firm foundation in biblical principles of civic government, ensure correct historical education in American government at all levels; and training in limited government, political theory, law, and political and economic ideals. The major is intended to inspire and produce action-oriented students who will become Christ-centered statesmen, leaders, scholars and policy makers and thus equip them to become highly qualified leaders in their chosen career fields capable of impacting the world.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate the nature and role of government from a biblical worldview.
2. Communicate effectively in both written and oral formats.
3. Integrate ethical and values-driven decision making in government scenarios.
4. Evaluate political or government related dilemmas.

**International Relations Concentration**

The student will be able to:

1. Evaluate dilemmas in geopolitical and international relations.
2. Recognize and apply major fundamental concepts of international relations to international relations dilemmas/practices.

**Politics and Policy Concentration**

The student will be able to:

1. Evaluate comparative political and economic theories as they relate to the field of Government
2. Demonstrate the ways in which domestic and international political and policymaking processes interact.

**Western Legal Traditions Concentration**

The student will be able to apply western legal traditions concepts to practice-based scenarios.

**Program of Study**

<b>Government Major (B.A.)</b>	
<b>International Relations Concentration</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus: 18 hrs</b>	
<i>Language Requirements (12 hrs) Must be <u>one</u> language; 6 hours must be at the 200 level or above</i>	
<b>Integrative Studies (6 hrs)</b>	
<b>Core Courses (27 hrs)</b>	
GOVT 200	<i>Constitutional Government and Free Enterprise</i> 3
GOVT 210	<i>Introduction to Political Science</i> 3
GOVT 220	<i>American Government</i> 3
GOVT 340	<i>International Relations</i> 3
GOVT 350	<i>Political Economy and Public Policy</i> 3
GOVT 421	<i>American Constitutional History</i> 3
GOVT 425	<i>American Foreign Policy</i> 3
GOVT 490	<i>Political Theory</i> 3
GOVT 492	<i>Senior Seminar</i> 3
<b>Concentration Courses (21 hrs)</b>	
GOVT 330	<i>Introduction to Comparative Politics</i> 3
GOVT 440	<i>Political Geography</i> 3
GOVT 445	<i>International Law</i> 3
<b>Choose upper level courses from any of the following:</b> 12	
GOVT, HIST, FREN 304 and/or SPAN 304	
<b>Directed Courses (Required) (0-3 hrs)</b>	
MATH 201	<i>Introduction to Probability and Statistics*</i> 3
/BUSI 230	
<b>Free Electives (0-2 hr)</b>	
* This is an approved General Education course and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 45 hours must be 300-400 level.	

<b>Government Major (B.A.)</b>	
<b>Politics and Policy Concentration</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus:</b>	
<i>Language Requirements (12 hrs) Must be <u>one</u> language; 6 hours must be at the 200 level or above</i>	
<b>Integrative Studies (6 hrs)</b>	
<b>Core Courses (27 hrs)</b>	
GOVT 200	<i>Constitutional Government and Free Enterprise</i> 3
GOVT 210	<i>Introduction to Political Science</i> 3
GOVT 220	<i>American Government</i> 3
GOVT 340	<i>International Relations</i> 3
GOVT 350	<i>Political Economy and Public Policy</i> 3
GOVT 421	<i>American Constitutional History</i> 3
GOVT 425	<i>American Foreign Policy</i> 3
GOVT 490	<i>Political Theory</i> 3
GOVT 492	<i>Senior Seminar</i> 3
<b>Concentration Courses (21 hrs)</b>	
GOVT 301	<i>Ancient Political and Economic Ideas</i> 3
GOVT 302	<i>Modern Political and Economic Ideas</i> 3
GOVT 320	<i>American Executive Processes/Institutions</i> 3
GOVT 322	<i>American Legislative System</i> 3
GOVT 327	<i>State and Local Government</i> 3
GOVT 330	<i>Introduction to Comparative Politics</i> 3
GOVT/	<i>Upper level Elective</i> 3
CJUS _____	
<b>Directed Courses (Required) (0-3 hrs)</b>	
MATH 201	<i>Introduction to Probability and Statistics*</i> 3
/BUSI 230	
<b>Free Electives (0-2 hr)</b>	
* This is an approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 45 hours must be 300-400 level.	

<b>Government Major (B.A.)</b>	
<b>Western Legal Traditions Concentration</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus:</b>	
<i>Language Requirements (12 hrs) Must be <u>one</u> language; 6 hours must be at the 200 level or above</i>	
<b>Integrative Studies (6 hrs)</b>	
<b>Core Courses (24 hrs)</b>	
GOVT 200	<i>Constitutional Government and Free Enterprise</i> 3
GOVT 210	<i>Introduction to Political Science</i> 3
GOVT 220	<i>American Government</i> 3
GOVT 340	<i>International Relations</i> 3
GOVT 345	<i>Jurisprudence</i> 3
GOVT 350	<i>Political Economy and Public Policy</i> 3
GOVT 425	<i>American Foreign Policy</i> 3
GOVT 490	<i>Political Theory</i> 3
<b>Concentration Courses (24 hrs)</b>	
CJUS 400	<i>Criminal Law</i> 3
GOVT 346	<i>Legal Research and Writing</i> 3
GOVT 421	<i>American Constitutional History</i> 3
GOVT 422	<i>American Constitutional Law</i> 3
GOVT 477	<i>Trial Advocacy – OR</i>
GOVT 478	<i>Appellate Advocacy – OR</i>
SCOM 335	<i>Argumentation</i> 3
PHIL 210	<i>Logic</i> 3
GOVT/CJUS	<i>Electives (upper level)</i> 6
<b>Directed Courses (Required) (0-6 hrs)</b>	
MATH 201	<i>Introduction to Probability and Statistics*</i> 3
/BUSI 230	

COMS 101 <i>Speech Communication*</i>	3
<b>Free Electives (0-2 hr)</b>	
* These are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.	

<b>Government Major (B.S.)</b>	
<b>Politics and Policy Concentration</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Core Courses (21 hrs)</b>	
GOVT 220 <i>American Government</i>	3
GOVT 340 <i>International Relations</i>	3
GOVT 350 <i>Political Economy/Public Policy</i>	3
GOVT 421 <i>American Constitutional History</i>	3
GOVT 425 <i>American Foreign Policy</i>	3
GOVT 490 <i>Political Theory</i>	3
GOVT 492 <i>Senior Seminar</i>	3
<b>Concentration Courses (24 hrs)</b>	
GOVT 301 <i>Ancient Political and Economic Ideas</i>	3
GOVT 302 <i>Modern Political and Economic Ideas</i>	3
GOVT 320 <i>American Executive Processes/Institutions</i>	3
GOVT 322 <i>American Legislative System</i>	3
GOVT 327 <i>State and Local Government</i>	3
GOVT 330 <i>Introduction to Comparative Politics</i>	3
GOVT/CJUS Electives (upper level)	6
<b>Directed Courses (Required) (0-6 hrs)*</b>	
GOVT 200 <i>Constitutional Government and Free Enterprise*</i>	3
MATH 201 <i>Introduction to Probability and Statistics*</i>	3
/BUSI 230	
<b>Free Electives (10-17 hrs)</b>	
* These are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.	

<b>Government Major (B.S.)</b>	
<b>Western Legal Traditions Concentration</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Core Courses (18 hrs)</b>	
GOVT 220 <i>American Government</i>	3
GOVT 340 <i>International Relations</i>	3
GOVT 350 <i>Political Economy and Public Policy</i>	3
GOVT 421 <i>American Constitutional History</i>	3
GOVT 425 <i>American Foreign Policy</i>	3
GOVT 490 <i>Political Theory</i>	3
<b>Concentration Courses (27 hrs)</b>	
CJUS 400 <i>Criminal Law</i>	3
GOVT 345 <i>Jurisprudence</i>	3
GOVT 346 <i>Legal Research and Writing</i>	3
GOVT 422 <i>American Constitutional Law</i>	3
GOVT 477 <i>Trial Advocacy – OR</i>	
GOVT 478 <i>Appellate Advocacy – OR</i>	
SCOM 335 <i>Argumentation</i>	
PHIL 210 <i>Logic</i>	3
GOVT/CJUS Electives (upper level)	9
<b>Directed Courses (Required) (0-9 hrs)*</b>	
GOVT 200 <i>Constitutional Government and Free Enterprise*</i>	3
MATH 201 <i>Introduction to Probability and Statistics*</i>	3
/BUSI 230	
COMS 101 <i>Speech Communication*</i>	3
<b>Free Electives (10-17 hrs)</b>	
* These are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 39 hours must be 300-400 level.	

**International Relations Major (B.A.)**

**PURPOSE**

The International Relations major takes a broad approach to the disciplines of economics, law, philosophy, and geography with the purpose of mastering the study of relationships among countries, peoples, and comparative governments. There will be a bifurcation in which the student branches into further studies in either international politics and policy, or strategic and intelligence studies. It is necessary to study a foreign language. Developing skills in research, critical thinking, and communications, the student will study global issues from a Christian perspective and gain the ability to impact a world crying out for salt and light.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate the nature and role of government from a Biblical worldview.
2. Integrate ethical and values-driven decision making in government scenarios.
3. Communicate effectively in both written and oral formats.
4. Demonstrate competence in the basic principles of international relations.
5. Evaluate dilemmas in geopolitical or international relations.
6. Recognize and apply major fundamental concepts of international relations to international relations dilemmas/practices.

**International Politics and Policy Concentration**

The student will be able to:

1. Evaluate comparative political and economic theories as they relate to the field of international relations.
2. Demonstrate the ways in which domestic and international political and policy-making processes interact.

**Strategic Intelligence Studies Concentration**

The student will be able to:

1. Demonstrate an understanding of the broader intelligence community and the intelligence cycle.
2. Integrate strategic and intelligence considerations in multiple contexts.
3. Evaluate research and form analyses on critical intelligence issues.

**Program of Study**

<b>International Relations Major (B.A.)</b>	
<b>International Politics and Policy Concentration</b>	
<b>General Education: Core Competency Requirements (52-59 hrs)</b>	
<b>Liberal Arts Focus:</b>	
<i>Language Requirements (12 hrs) Must be one language; 6 hours must be at the 200 level or above</i>	
<b>Integrative Studies (6 hrs)</b>	
<b>Core Courses (30 hrs)</b>	
GOVT 200 <i>Constitutional Government and Free Enterprise</i>	3
GOVT 210 <i>Introduction to Political Science</i>	3
GOVT 220 <i>American Government</i>	3
GOVT 340 <i>International Relations</i>	3
GOVT 350 <i>Political Economy and Public Policy</i>	3
GOVT 421 <i>American Constitutional History</i>	3
GOVT 440 <i>Political Geography</i>	3
GOVT 480 <i>Terrorism</i>	3
GOVT 490 <i>Political Theory</i>	3
GOVT 492 <i>Senior Seminar</i>	3
<b>Concentration Courses (18 hrs)</b>	
GOVT 330 <i>Introduction to Comparative Politics</i>	3



GOVT 405	<i>Political and Economic Development</i>	3
GOVT 425	<i>American Foreign Policy</i>	3
GOVT 445	<i>International Law</i>	3
Electives	Upper Level: choose from the following: GOVT/HIEU/HIWD or LANG for Latin America, Europe, Middle East and North Africa, or Asia	6
<b>Directed Courses (Required) (0-3 hrs)</b>		
MATH 201	<i>Introduction to Probability and Statistics*</i>	3
/BUSI 230		
<b>Free Electives (0-2 hr)</b>		
* This is an approved General Education course and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 45 hours must be 300-400 level.		

<b>International Relations Major (B.A.)</b>		
<b>Strategic Intelligence Studies Concentration</b>		
<b>General Education: Core Competency Requirements (52-59 hrs)</b>		
<b>Liberal Arts Focus: 18 hours</b>		
<i>Language Requirements (12 hrs) Must be one language; 6 hours must be at the 200 level or above</i>		
<i>Integrative Studies (6 hrs)</i>		
<b>Core Courses (27 hrs)</b>		
GOVT 200	<i>Constitutional Government and Free Enterprise</i>	3
GOVT 210	<i>Introduction to Political Science</i>	3
GOVT 220	<i>American Government</i>	3
GOVT 340	<i>International Relations</i>	3
GOVT 350	<i>Political Economy and Public Policy</i>	3
GOVT 421	<i>American Constitutional History</i>	3
GOVT 440	<i>Political Geography</i>	3
GOVT 480	<i>Terrorism</i>	3
GOVT 490	<i>Political Theory</i>	3
<b>Concentration Courses (21 hrs)</b>		
GOVT 380	<i>Introduction to Intelligence</i>	3
GOVT 381	<i>Intelligence Analysis</i>	3
GOVT 382	<i>History of Intelligence</i>	3
GOVT 483	<i>Military Intelligence</i>	3
GOVT 484	<i>Strategic Intelligence</i>	3
GOVT 385	<i>OR GOVT 386</i>	3
GOVT ___	<i>Elective – choose from:</i> GOVT 380-389 or 480-489	3
<b>Directed Courses (Required) (0-3 hrs)*</b>		
MATH 201	<i>Introduction to Probability and Statistics*</i>	3
/BUSI 230		
<b>Free Electives (0-2 hr)</b>		
* This is an approved General Education course and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 45 hours must be 300-400 level.		

**ASSOCIATE OF ARTS DEGREES**

The Helms School of Government offers the Associate of Arts Degree in Criminal Justice or Government. This two-year degree program combines Criminal Justice or Government courses with General Education courses and graduation requirements. Graduates of this program may request transfer of their courses in to a bachelor's degree program at Liberty.

**Criminal Justice Major (A.A.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in the basic criminal justice process.
2. Evaluate the nature and causes of crime as they relate to biblical worldview principles.
3. Apply basic principles of criminal law.
4. Identify and evaluate the sources of criminal law in the American system.

**Program of Study**

<b>Criminal Justice Major (A.A.)</b>		
<b>General Education: Core Competency Requirements (46-53 hrs)</b>		
<b>Courses in the Major (18 hrs)</b>		
CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 320	<i>Corrections</i>	3
CJUS 330	<i>Judicial Process</i>	3
CJUS 340	<i>Criminology</i>	3
CJUS 400	<i>Criminal Law</i>	3
CJUS/GOVT/PSYC	Elective*	3
<b>Directed Courses (Required) (0-6 hrs)**</b>		
GOVT 200	<i>Constitutional Government and Free Enterprise</i>	3
GOVT 220	<i>American Government – OR</i>	3
SOCI 200	<i>Introduction to Sociology</i>	
* May choose from the following: CJUS 230, 300, 310; GOVT 345, 421, 422, 480; PSYC 317, 361, 406, 430, 475		
** These courses are approved General Education courses and may be counted in the Core Competency requirements.		
<b>TOTAL HOURS:</b> 64 hours minimum required.		

**Government Major (A.A.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate the nature and role of government from a biblical worldview.
2. Demonstrate a basic knowledge of the discipline of government.
3. Demonstrate basic analytical skills and the ability to communicate ideas in written format.

**Program of Study**

<b>Government Major (A.A.)</b>		
<b>General Education: Core Competency Requirements (46-53 hrs)</b>		
<b>Courses in the Major (18 hrs)</b>		
GOVT 220	<i>American Government</i>	3
GOVT 350	<i>Political Economy and Public Policy</i>	3
GOVT/CJUS	Elective (upper level)	3
GOVT ___	Electives (upper level) GOVT 421, 425 or 490 are strongly recommended	9
<b>Directed Courses (Required) (0-6 hrs)*</b>		
GOVT 200	<i>Constitutional Government and Free Enterprise</i>	3
SOCI 200	<i>Introduction to Sociology</i>	3
* These are approved General Education courses and may be counted in the Core Competency requirements.		
<b>TOTAL HOURS:</b> 64 hours minimum required.		

**MINORS**

The Helms School of Government offers six minor programs of study ranging from 15 to 18 hours in Criminal Justice, Government, International Relations, Politics and Policy, Strategic and Intelligence Studies, and Western Legal Traditions.

**Criminal Justice Minor**

<b>Criminal Justice Minor (15 hrs)</b>		
CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 340	<i>Criminology</i>	3
CJUS ____	Electives (300-400 level)	9

**Government Minor**

<b>Government Minor (15 hrs)</b>		
GOVT 200	<i>Constitutional Government and Free Enterprise</i>	3
GOVT 220	<i>American Government</i>	3
GOVT ____	Electives (300-400 level)	3
<b>Choose two courses (6 hrs) from:</b>		6
GOVT 350	<i>Political Economy and Public Policy</i>	
GOVT 421	<i>American Constitutional History</i>	
GOVT 490	<i>Political Theory</i>	

**International Relations Minor**

<b>International Relations Minor (18 hrs)</b>		
GOVT 330	<i>Introduction to Comparative Politics</i>	3
GOVT 340	<i>International Relations</i>	3
GOVT 425	<i>American Foreign Policy</i>	3
<b>Directed Courses (required):</b>		
<b>Choose three courses (9 hrs) from the following:</b>		9
GOVT 332	<i>Politics of Europe</i>	
GOVT 334	<i>Politics of Latin America</i>	
GOVT 335	<i>Politics of Asia</i>	
GOVT 337	<i>Politics of Middle East</i>	
GOVT 405	<i>Political and Economic Development</i>	
GOVT 440	<i>Political Geography</i>	
GOVT 445	<i>International Law</i>	
GOVT 480	<i>Terrorism</i>	
<b>NOTE:</b> GOVT 200 and 220 are prerequisites for all upper level GOVT courses.		

**Politics and Policy Minor**

<b>Politics and Policy Minor (15 hrs)</b>		
GOVT 350	<i>Political Economy and Public Policy</i>	3
<b>Choose four courses (12 hrs) from the following:</b>		12
GOVT 320	<i>American Executive Processes /Institutions</i>	
GOVT 322	<i>American Legislative System</i>	
GOVT 327	<i>State and Local Government</i>	
GOVT 328	<i>American Political Process</i>	
GOVT 360	<i>Introduction to Public Administration</i>	
GOVT 425	<i>American Foreign Policy</i>	
<b>NOTE:</b> GOVT 200 and 220 are prerequisites for all upper level GOVT courses.		

**Strategic and Intelligence Studies Minor**

<b>Strategic and Intelligence Studies Minor (15 hrs)</b>		
GOVT 200	<i>Constitutional Government and Free Enterprise – OR</i>	3
GOVT 220	<i>American Government</i>	
<b>Choose two courses (6 hrs) from the following:</b>		6
GOVT 380	<i>Introduction to Intelligence</i>	
GOVT 381	<i>Intelligence Analysis</i>	
GOVT 480	<i>Terrorism</i>	
GOVT ____	Strategic Intelligence Electives (300-400 level)	6

**Western Legal Traditions Minor**

<b>Western Legal Traditions Minor* (18 hrs)</b>		
<b>Choose two courses (6 hrs) from the following:</b>		6
GOVT 345	<i>Jurisprudence</i>	
GOVT 346	<i>Legal Research and Writing</i>	
PHIL 210	<i>Logic</i>	
<b>Directed Courses (required):</b>		
<b>Choose one of the following courses (3 hrs):</b>		3
COMS 335^	<i>Argumentation</i>	
GOVT 477	<i>Trial Advocacy</i>	
GOVT 478	<i>Appellate Advocacy</i>	
<b>Choose one of the following courses (3 hrs):</b>		3
GOVT 421	<i>American Constitutional History</i>	
GOVT 422	<i>American Constitutional Law</i>	
<b>Choose one of the following courses (3 hrs):</b>		3
BUSI 301^, CJUS 400^, CJUS 410^, GOVT 445, GOVT 470, or SMGT 305^		
<b>NOTE:</b> GOVT 200 and 220 are prerequisites for all upper level GOVT courses		
^ Prerequisites apply to these courses		

## Helms School of Government – Online Programs

**PURPOSE**

In the Helms School of Government, the curriculum is designed to equip students with a strong foundation of knowledge and skills in conducting the business of government, politics, public administration, policy and military service as a Christian service. The goal of the curriculum is to produce action-oriented students who are able to understand and articulate the biblical roots of our religious, economic, and political liberties, and thus to equip them to become highly qualified leaders in their chosen career fields.

**Criminal Justice Major (B.S.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate the nature of the criminal justice system from a biblical worldview.
2. Communicate effectively in both written and oral formats.
3. Demonstrate competence in the discipline of criminal justice.
4. Solve various criminal justice dilemmas.
5. Evaluate substantive and procedural criminal law from a Constitutional perspective.

**Program of Study**

<b>Criminal Justice Major (B.S)</b>	
<b>General Education Requirements (36 hrs)</b>	
<b>Skills and Knowledge Requirements (9-12 hrs)*</b>	
<b>Core Courses (36 hrs)</b>	
CJUS 200	Introduction to Criminal Justice 3
CJUS 230	Criminal Justice Research and Writing 3
CJUS 300	Administration of Justice Organizations 3
CJUS 310	Juvenile Justice 3
CJUS 320	Corrections 3
CJUS 330	Judicial Process 3
CJUS 340	Criminology 3
CJUS 350	Criminal Justice Ethics 3
CJUS 400	Criminal Law 3
CJUS 410	Constitutional Criminal Procedure 3
CJUS 420	Criminal Investigations 3
GOVT 480	Terrorism 3
<b>CJUS Electives (9 hrs)**</b>	<b>9</b>
Choose any CJUS course not listed above (to include CJUS 499). Any ACCT course; BUSI 310 or 340; GOVT 327, 340, 345, 422, 458, 462, 475 or other approved GOVT courses; language (modern); PSYC 101, 210, 231, 430 or other approved PSYC courses; SOCI 200 or 201;	
<b>Electives (21-27 hrs)</b>	
<b>Cognate Courses (12-15 hrs) [Optional]</b>	
<ul style="list-style-type: none"> <li>• Business Administration and Management (15 hrs)</li> <li>• Criminal Psychology (15 hrs)</li> <li>• Forensics</li> <li>• Homeland Security</li> <li>• Public Administration</li> <li>• Strategic Intelligence Studies</li> <li>• Youth Corrections</li> </ul>	
* Skills and Knowledge Requirements for the Criminal Psychology Cognate is 12 hrs	
** Students taking the cognate option do not take the CJUS Electives	
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level	

<b>BUSINESS ADMINISTRATION AND MANAGEMENT COGNATE (15 hrs)</b>		
ACCT 211	Principles of Accounting	3
BUSI 301	Business Law	3
BUSI 310	Principles of Management	3
BUSI 340	Organizational Behavior	3
BUSI 342	Human Resource Management	3
<b>Electives (24 hrs)</b>		

<b>CRIMINAL PSYCHOLOGY COGNATE (15 hrs)</b>		
PSYC 305	Overview of Theory and Treatment of Substance Abuse	3
PSYC 317	Crisis Intervention	3
PSYC 320	Behavior Management	3
PSYC 430	Abnormal Psychology	3
PSYC 475	Psychology of Criminal Behavior	3
<b>Electives (21 hrs)</b>		
<b>NOTE:</b> PSYC 341 is waived as a prerequisite for CJUS students. However, students must contact LUO Advising to register for PSYC 430 and PSYC 475.		

<b>FORENSICS COGNATE (12 hrs)</b>		
CJUS 360	Introduction to Forensics	3
CJUS 361	Crime Scene Photography	3
CJUS 362	Crime Scene Management	3
CJUS 363	Computer and Cyber Forensics	3
<b>Electives (27 hrs)</b>		

<b>HOMELAND SECURITY COGNATE (12 hrs)</b>		
CJUS 380	Introduction to Homeland Security	3
CJUS 381	Incident Command System/Emergency Planning and Incident Management	3
CJUS 382	Critical Infrastructure Protection	3
CJUS 383	Behavioral Dimensions of Disaster	3
<b>Electives (27 hrs)</b>		

<b>PUBLIC ADMINISTRATION COGNATE (12 hrs)</b>		
GOVT 360	Introduction to Public Administration	3
GOVT 462	Public Financing and Budgeting	3
GOVT 470	Government Regulation of Business	3
GOVT 475	Advanced Public Administration	3
<b>Electives (27 hrs)</b>		

<b>STRATEGIC INTELLIGENCE STUDIES COGNATE (12 hrs)</b>		
GOVT 380	Introduction to Intelligence	3
GOVT 381	Intelligence Analysis	3
GOVT 481	Counter-Terrorism	3
GOVT 483	Military Intelligence – OR	3
GOVT 484	Strategic Intelligence	3
<b>Electives (27 hrs)</b>		

<b>YOUTH CORRECTIONS COGNATE (12 hrs)</b>		
CJUS 321	Juvenile Corrections	3
CJUS 322	Community Based Corrections	3
CJUS 323	Delinquency and Crime Prevention	3
CJUS 324	Legal and Ethical Issues in Juvenile Justice	3
<b>Electives (27 hrs)</b>		

## Government Major (B.S.)

(Available Spring 2015)

### PURPOSE

The purpose of the Government major is to provide a firm foundation in biblical principles of civic government, ensure correct historical education in American government at all levels; and training in limited government, political theory, law, and political and economic ideals. The major is intended to inspire and produce action-oriented students who will become Christ-centered statesmen, leaders, scholars and policy makers and thus equip them to become highly qualified leaders in their chosen career fields capable of impacting the world.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Evaluate the nature and role of government from a biblical worldview.
2. Communicate effectively in both written and oral formats.
3. Integrate ethical and values-driven decision making in government scenarios.
4. Evaluate political or government related dilemmas.

### Politics and Policy Concentration

The student will be able to:

1. Evaluate comparative political and economic theories as they relate to the field of Government
2. Demonstrate the ways in which domestic and international political and policymaking processes interact.

### Pre-Law Concentration

The student will be able to implement law processes and procedures in a variety of contexts.

### Program of Study

<b>Government Major (B.S.)</b>	
<b>Politics and Policy Concentration</b>	
<b>General Education: Core Competency Requirements (36 hrs)</b>	
<b>Skills and Knowledge (9 hrs)</b>	
<b>Core Courses (21 hrs)</b>	
GOVT 329 <i>American Exceptionalism</i>	3
GOVT 330 <i>Introduction to Comparative Politics</i>	3
GOVT 350 <i>Political Economy and Public Policy</i>	3
GOVT 421 <i>American Constitutional History</i>	3
GOVT 425 <i>American Foreign Policy</i>	3
GOVT 490 <i>Political Theory</i>	3
GOVT 492 <i>Senior Seminar</i>	3
<b>Concentration Courses (27 hrs)</b>	
GOVT 230 <i>Public Policy Research and Writing</i>	3
GOVT 302 <i>Modern Political and Economic Ideas</i>	3
GOVT 320 <i>American Executive Processes/Institutions</i>	3
GOVT 322 <i>American Legislative System</i>	3
GOVT 327 <i>State and Local Government</i>	3
GOVT 328 <i>American Political Processes</i>	3
GOVT 470 <i>Government Regulation of Business</i>	3
GOVT <i>Electives (upper level)</i>	6
Choose from the following: any GOVT course not listed in the Core or Cognate, BUSI 301, 321, 472, CJUS 300, 330, 380, 400, 410, COMS 345, ECON 213, 214, 350, ENVR 350 or HLTH 350	
<b>Free Electives (27 hrs)</b>	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 30 hours must be 300-400 level.	

## Government Major (B.S.)

### Pre-Law Concentration

**General Education: Core Competency Requirements (36 hrs)**

**Skills and Knowledge (9 hrs)**

**Core Courses (21 hrs)**

GOVT 329 <i>American Exceptionalism</i>	3
GOVT 330 <i>Introduction to Comparative Politics</i>	3
GOVT 350 <i>Political Economy and Public Policy</i>	3
GOVT 421 <i>American Constitutional History</i>	3
GOVT 425 <i>American Foreign Policy</i>	3
GOVT 490 <i>Political Theory</i>	3
GOVT 492 <i>Senior Seminar</i>	3

**Concentration Courses (27 hrs)**

CJUS 330 <i>Judicial Process</i>	3
CJUS 400 <i>Criminal Law</i>	3
CJUS 410 <i>Constitutional Criminal Procedure</i>	3
GOVT 215 <i>Logic and Legal Reasoning</i>	3
GOVT 280 <i>Undergraduate Torts</i>	3
GOVT 345 <i>Jurisprudence</i>	3
GOVT 346 <i>Legal Research and Writing</i>	3
GOVT 422 <i>American Constitutional Law</i>	3
GOVT 476 <i>Persuasive Argumentation for Lawyers</i>	3

**Free Electives (27 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 30 hours must be 300-400 level.

## Government Major (B.S.)

### Public Administration Cognate

**General Education: Core Competency Requirements (36 hrs)**

**Skills and Knowledge (9 hrs)**

**Core Courses (21 hrs)**

GOVT 329 <i>American Exceptionalism</i>	3
GOVT 330 <i>Introduction to Comparative Politics</i>	3
GOVT 350 <i>Political Economy and Public Policy</i>	3
GOVT 421 <i>American Constitutional History</i>	3
GOVT 425 <i>American Foreign Policy</i>	3
GOVT 490 <i>Political Theory</i>	3
GOVT 492 <i>Senior Seminar</i>	3

**Cognate Courses (12 hrs)**

GOVT 360 <i>Introduction to Public Administration</i>	3
GOVT 462 <i>Public Finance and Budgeting</i>	3
GOVT 470 <i>Government Regulation of Business</i>	3
GOVT 475 <i>Advanced Public Administration</i>	3

**Free Electives (42 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 30 hours must be 300-400 level.

## Criminal Justice Major (A.A.)

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate competence in the basic criminal justice process.
2. Evaluate the nature and causes of crime as they relate to biblical worldview principles.
3. Apply basic principles of criminal law.
4. Identify and evaluate the sources of criminal law in the American system.

**Program of Study**

<b>Criminal Justice Major (A.A.)</b>		
<i>General Education: Core Competency Requirements (33 hrs)</i>		
<i>Skills and Knowledge (6 hrs)</i>		
<i>Major Courses (21 hrs)</i>		
CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 230	<i>Criminal Justice Research and Writing</i>	3
CJUS 320	<i>Corrections</i>	3
CJUS 330	<i>Judicial Process</i>	3
CJUS 340	<i>Criminology</i>	3
CJUS 400	<i>Criminal Law</i>	3
<i>CJUS Elective</i>		3
Any CJUS course not required in the core, GOVT 220, PSYC 231, 235, 341, or 430		
<b>TOTAL HOURS:</b> 60 minimum		

**Criminal Justice Minor**

<b>Criminal Justice Minor (15 hrs)</b>		
CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 230	<i>Criminal Justice Research and Writing</i>	3
CJUS ____	<i>Electives (300-400 level)</i>	9

**Homeland Security Minor**

<b>Homeland Security Minor (18 hrs)</b>		
CJUS 380	<i>Introduction to Homeland Security</i>	3
CJUS 381	<i>Incident Command System/Emergency Planning and Incident Management</i>	3
CJUS 382	<i>Critical Infrastructure Protection</i>	3
CJUS 383	<i>Behavioral Dimensions of Disaster</i>	3
GOVT 480	<i>Terrorism</i>	3
GOVT 481	<i>Counter-Terrorism</i>	3

**Public Administration Minor**

<b>Public Administration Minor (15 hrs)</b>		
GOVT 302	<i>Modern Political and Economic Ideas</i>	3
GOVT 360	<i>Introduction to Public Administration</i>	3
GOVT 462	<i>Public Financing and Budgeting</i>	3
GOVT 470	<i>Government Regulation of Business</i>	3
GOVT 475	<i>Advanced Public Administration</i>	3

**Strategic Intelligence Studies Minor**

<b>Strategic Intelligence Studies Minor (18 hrs)</b>		
GOVT 380	<i>Introduction to Intelligence</i>	3
GOVT 381	<i>Intelligence Analysis</i>	3
GOVT 480	<i>Terrorism</i>	3
GOVT 481	<i>Counter-Terrorism</i>	3
GOVT 483	<i>Military Intelligence</i>	3
GOVT 484	<i>Strategic Intelligence</i>	3

**Liberty University en Español**

The Helms School of Government also offers the Associate of Arts in Criminal Justice online through Liberty University en Español. Additional information is available at <http://www.liberty.edu/online/lue-inicio/>.

**Undergraduate Certificates**

The Helms School of Government offers an undergraduate certificate in Criminal Justice through Liberty University Online.

**CERTIFICATE COMPLETION REQUIREMENTS**

1. Complete 18 total hours with a 2.00 GPA
2. All courses must be completed through Liberty University
3. No grade of "D" may be applied to the certificate
4. Submission of Certificate Completion Application at beginning of final semester

**Certificate in Criminal Justice**

<b>Criminal Justice Certificate (18 hrs)</b>		
CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 230	<i>Criminal Justice Research and Writing</i>	3
CJUS 300	<i>Administration of Justice Organization</i>	3
CJUS 320	<i>Corrections</i>	3
CJUS 330	<i>Judicial Process</i>	3
CJUS 340	<i>Criminology</i>	3

**Certificate in Public Administration**

<b>Public Administration Certificate (18 hrs)</b>		
BUSI 310	<i>Principles of Management</i>	3
BUSI 340	<i>Organizational Behavior</i>	3
GOVT 360	<i>Introduction to Public Administration</i>	3
GOVT 462	<i>Public Finance and Budgeting</i>	3
GOVT 470	<i>Government Regulations of Business</i>	3
GOVT 475	<i>Advanced Public Administration</i>	3

**CERTIFICATE COMPLETION PLANS**

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

# School of Health Sciences

## Administration

**Ralph F. Linstra, B.S., M.Ed., Ed.D., C.H.E.S.**

*Dean, School of Health Sciences*

*Professor of Public & Community Health*

**Beverly S. Mahoney, R.N., B.S., M.S., Ph.D., M.C.H.E.S.,**

**F.A.S.H.A., F.A.A.H.E.**

*Associate Dean, School of Health Sciences*

*Professor of Public & Community Health*

**Mark A. Tinsley, B.S., M.S., M.A.R., M.Div., Th.M., D. Min.**

*Associate Dean, School of Health Sciences*

*Assistant Professor of Earth Science*

**David A. DeWitt, B.S., Ph.D.**

*Chair, Department of Biology and Chemistry*

*Director, Center for Creation Studies*

*Professor of Biology*

**Annette Florence, B.S., M.P.H., Dr.P.H.**

*Chair, Department of Public & Community Health*

*Associate Professor of Public & Community Health*

**James Schoffstall, B.S., M.S.Ed., Ed.D., CSCS, HFS, CIFT,**

**PAPHS, RCEP, FACSM**

*Chair, Department of Exercise Science & Kinesiology*

*Director, Human Performance Lab*

*Professor of Exercise Science & Kinesiology*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaUID=22> where faculty can be searched for by Department.

### PURPOSE

The School of Health Sciences *exists* to prepare men and women in the sciences and health professions through the integration of current scientific thought and the biblical worldview. Current undergraduate degree programs include: the B.S. in Athletic Training, Biology, Biochemistry, Biomedical Sciences, Biopsychology, Cell and Molecular Biology, Chemistry, Exercise Science, Environmental Biology, Forensic Science, Health Promotion, Public and Community Health, Kinesiology, Zoo and Wildlife Biology, and Zoology.

## Department of Biology and Chemistry

**David A. DeWitt, B.S., Ph.D.**

*Chair, Department of Biology and Chemistry*

*Director, Center for Creation Studies*

*Professor of Biology*

**Mikhail M. Goldin, B.S., M.S., Ph.D.**

*Director, Chemistry*

*Assistant Professor of Chemistry*

**Norman G. Reichenbach, B.S., M.S., Ph.D.**

*Director, General and Organismal Biology*

*Professor of Biology*

**James T. McClintock, B.S., M.S., Ph.D.**

*Director, Forensic Science*

*Professor of Biology*

**Ben Kalu, M.S., M.D.**

*Director, M.S. in Biomedical Sciences Program*

*Assistant Professor of Biology*

### PURPOSE

The Department of Biology and Chemistry provides baccalaureate programs in biology, biomedical sciences, cell and molecular biology, chemistry, environmental biology, forensic science, biopsychology, zoo and wildlife biology, zoology, and biochemistry, and services courses in biology and chemistry for Resident and Online Programs. Our programs seek both to transmit and expand knowledge as well as to provide opportunities for research and service. The Department is a community of persons who are voluntarily linked in the pursuit of knowledge, providing a reasoned presentation of these academic disciplines in relation to the Christian faith. The Department's mission is to communicate academic content, Christian values, and requisite skills, all of which prepare persons for a lifetime process of learning and service.

### TEACHER LICENSURE

Teacher preparation and endorsement in Biology and Chemistry is available through the Department of Biology and Chemistry. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at <http://www.liberty.edu/uguide>.

### PRE-MED HONOR SOCIETY

*Coordinator: Dr. Mark Blais*

The purpose of the Pre-Med Honor Society is to give recognition to students who have excelled in the biology and chemistry curricula or any other Liberty University major. Members of the Pre-Med honor society are exemplary for their high academic achievement, strong personal characteristics and their deep commitment to helping others.

#### Criteria for membership:

A student must have:

1. Maintained a GPA of at least 3.50 in any major field of study, and
2. A deep interest in becoming medical doctors.

### Career Opportunities

Chemical Technician	Medical School
Chiropractic School	Medical Technologist
Dental School	National Park Ranger
Environmental Biology	Osteopathic School
H.S. Biology Teacher	Pharmacy School
Junior Toxicologist	Physician Assistant
Laboratory Research Assistant	Veterinary School

#### Graduate School and Research in:

Biochemistry	Microbiology
Biology	Molecular Biology
Ecology	Neuroscience
Genetics	Physiology
Marine Biology	Wildlife Management

### Biochemistry and Molecular Biology Major (B.S.)

#### PURPOSE

The purpose of the Biochemistry and Molecular Biology major is to prepare students for medical and related professional schools, graduate school, and employment in the field of biochemistry.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biochemical experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
4. Evaluate ethical issues in the life sciences in light of a biblical/Christian worldview.
5. Demonstrate competence in biochemistry, cell, and molecular biology.
6. Analyze and critique laboratory research results in the biochemical or molecular sciences.

**Program of Study**

<b>Biochemistry and Molecular Biology Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (36 hrs)*</b>		
BIOL 224	General Biology I	4
BIOL 225	General Biology II – OR	4
BIOL 317	Botany	
BIOL 301	Genetics	4
BIOL 303	Microbiology	4
BIOL 415	Cell Biology	4
BIOL 400	Biology Seminar	1
BIOL 455	Molecular Techniques	3
BIOL ____	Elective (300-400 level)	4
BCHM 451	Biochemistry I	4
BCHM 452	Biochemistry II	4
<b>Directed Courses (Required) (24-36 hrs)*</b>		
CHEM 121	General Chemistry I**	4
CHEM 122	General Chemistry II**	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
MATH 131	Calculus and Analytic Geometry I**	4
MATH 132	Calculus/Analytic Geometry II**	4
MATH 133	Calculus with Mathematica Lab	1
MATH 211	Introduction to Statistical Analysis**	3
PHYS 231	University Physics I**	4
PHYS 232	University Physics II**	4
<b>Free Electives (0-2 hrs)</b>		
*“C” or better is required in all courses.		
**These approved General Education courses may be counted in Core Competency Requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 36 hours must be 300-400 level.		

**Biology Major (B.S.)****PURPOSE**

The purpose of the Biology major is to prepare students for medical and related professional schools, graduate school, and employment in the biological sciences or in teaching.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
4. Evaluate ethical issues in the life sciences in light of a Biblical/Christian worldview.
5. Demonstrate competence in the basic categories of the biological sciences.

6. Analyze and critique field or laboratory research results in the molecular or ecological sciences.

**Programs of Study**

<b>Biology Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (36 hrs)*</b>		
BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 301	Genetics	4
BIOL 310	Ecology	4
BIOL 317	Botany	4
BIOL 400	Biology Seminar	1
BIOL 415	Cell Biology	4
BIOL ____	Electives (300-400 level)	11
<b>Directed Courses (Required) (18-36 hrs)*</b>		
CHEM 121	General Chemistry I**	4
CHEM 122	General Chemistry II**	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
<b>Choose from the following (3-9 hrs):</b>		
MATH 126	Elementary Calculus for Business and Science **– OR	3
MATH 131	Calculus and Analytic Geometry I**	4
MATH 132	Calculus and Analytic Geometry II**	4
MATH 133	Calculus with Mathematica Lab**	1
<b>Choose one of the following courses:</b>		
MATH 201 /	Introduction to Probability and	3
BUSI 230	Statistics** – OR	
MATH 211	Introduction to Statistical Analysis**	
<b>Choose from the following:</b>		
PHYS 201	General Physics I**	4
PHYS 202	General Physics II**	4
– OR		
PHYS 231	University Physics I**	4
PHYS 232	University Physics II**	4
<b>Free Electives (1-8 hrs)</b>		
* “C” or better is required in all courses.		
** These approved General Education courses may be counted in Core Competency Requirements.		
<b>NOTE:</b> CHEM 121 and 122 are prerequisites to BIOL 301 CHEM 301 is a prerequisite or co-requisite to BIOL 415 MATH 201/BUSI 230 or 211 is a prerequisite to BIOL 310		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 36 hours must be 300-400 level.		

**Teacher Licensure Requirements – Endorsement: Biology/Environmental Science (Grades 6-12)**

<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (36 hrs)*</b>		
BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 303	Microbiology	4
BIOL 310	Ecology	4
BIOL 317	Botany	4
BIOL 320	Introduction to Entomology – OR	4
BIOL 408	Animal Behavior – OR	
BIOL 418	Vertebrate Natural History – OR	
BIOL 419	Ornithology	
BIOL 400	Biology Seminar	1
BIOL 410	Environmental Biology	4
BIOL ____	Electives (300-400 level)	4
BIOL ____	Electives (300-400 level)	3
<b>Directed Courses (Required) (17-38 hrs)*</b>		
CHEM 121	General Chemistry I**	4
CHEM 122	General Chemistry II**	4

PHSC 210	<i>Elements of Earth Science**</i>	3
PHSC 211	<i>Elements of Earth Science Lab</i>	1
PSYC 210	<i>Developmental Psychology**</i>	3
PSYC 355	<i>Statistics in Psychology</i>	3
<b>Choose from the following (3-9 hrs):</b>		
MATH 126	<i>Elementary Calculus for Business and Science – OR</i>	3
MATH 131	<i>Calculus and Analytic Geometry I</i>	4
MATH 132	<i>Calculus and Analytic Geometry II</i>	4
MATH 133	<i>Calculus with Mathematica Lab</i>	1
<b>Choose one of the following courses:</b>		
MATH 201 /	<i>Introduction to Probability and</i>	3
BUSI 230	<i>Statistics** – OR</i>	
MATH 211	<i>Introduction to Statistical Analysis**</i>	
<b>Choose from the following:</b>		
PHYS 201	<i>General Physics I</i>	4
PHYS 202	<i>General Physics II</i>	4
<b>OR</b>		
PHYS 231	<i>University Physics I</i>	4
PHYS 232	<i>University Physics II</i>	4
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235/	<i>Content Instructional Design / Practicum</i>	1/2
236		
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Content Measurement and Evaluation</i>	3
EDUC 435/	<i>Content Curriculum Fundamentals /</i>	2/1
436	<i>Practicum</i>	
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
HLTH 440/	<i>Methods and Resources in Teaching</i>	2/1
441	<i>Applied Sciences in Schools/Practicum</i>	
* "C" or better is required in all courses		
** These are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 142 hours minimum; at least 54 hours must be 300-400 level.		

**Teacher Licensure Requirements –  
Endorsement: General Biology (Grades 6-12)**

**General Education: Core Competency Requirements (58-65 hrs)  
Courses in the Major (36 hrs)\***

BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 301	<i>Genetics</i>	4
BIOL 303	<i>Microbiology</i>	4
BIOL 310	<i>Ecology</i>	4
BIOL 317	<i>Botany</i>	4
BIOL 400	<i>Biology Seminar</i>	1
BIOL 415	<i>Cell Biology</i>	4
BIOL ____	Electives (300-400 level)	4
BIOL ____	Electives (300-400 level)	3

**Directed Courses (Required) (18-39 hrs)\***

CHEM 121	<i>General Chemistry I**</i>	4
CHEM 122	<i>General Chemistry II**</i>	4
CHEM 301	<i>Organic Chemistry I</i>	4
CHEM 302	<i>Organic Chemistry II</i>	4
PSYC 210	<i>Developmental Psychology**</i>	3
<b>Choose from the following (3-9 hrs):</b>		
MATH 126	<i>Elementary Calculus for Business and Science – OR</i>	3
MATH 131	<i>Calculus and Analytic Geometry I</i>	4

MATH 132	<i>Calculus and Analytic Geometry II</i>	4
MATH 133	<i>Calculus with Mathematica Lab</i>	1
<b>Choose one of the following courses:</b>		
MATH 201/	<i>Introduction to Probability and Statistics**</i>	3
BUSI 230	<i>– OR</i>	
MATH 211	<i>Introduction to Statistical Analysis**</i>	
<b>Choose from the following:</b>		
PHYS 201	<i>General Physics I **</i>	4
PHYS 202	<i>General Physics II **</i>	4
<b>OR</b>		
PHYS 231	<i>University Physics I**</i>	4
PHYS 232	<i>University Physics II**</i>	4
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235/	<i>Content Instructional Design / Practicum</i>	1/2
236		
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Content Measurement and Evaluation</i>	3
EDUC 435/	<i>Content Curriculum Fundamentals /</i>	2/1
436	<i>Practicum</i>	
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
HLTH 440/	<i>Teaching Applied Sciences / Practicum</i>	2/1
441		
* "C" or better is required in all courses		
** These are approved General Education courses and may be counted in the Core Competency Requirements.		
<b>TOTAL HOURS:</b> 143 hours minimum; at least 59 hours must be 300-400 level.		

**Biomedical Sciences Major (B.S.)**

**PURPOSE**

The purpose of the Biomedical Sciences major is to prepare students for medical and related professional schools, graduate school and employment in the biomedical sciences.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
4. Evaluate ethical issues in the life sciences in light of a Biblical/Christian worldview
5. Demonstrate competence in the integration of the biological and physical sciences.
6. Analyze and critique laboratory research results in the medical or molecular sciences.

**Program of Study**

**Biomedical Sciences Major (B.S.)**

**General Education: Core Competency Requirements (58-65 hrs)  
Courses in the Major (38-40 hrs)\***

BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 301	<i>Genetics</i>	4
BIOL 313	<i>Clinical Human Anatomy – OR</i>	3
BIOL 385	<i>Advanced Human Physiology</i>	
BIOL 400	<i>Biology Seminar</i>	1



BIOL 415	<i>Cell Biology</i>	4
<b>Choose four courses from the following (15-16 hrs):</b>		
BIOL 303	<i>Microbiology</i>	4
BIOL 305	<i>Parasitology</i>	4
BIOL 313	<i>Clinical Human Anatomy</i>	3
BIOL 321	<i>Comparative Vertebrate Anatomy</i>	4
BIOL 330	<i>Histology</i>	4
BIOL 385	<i>Advanced Human Physiology</i>	3
BIOL 403	<i>Embryology</i>	4
BIOL 416	<i>Comparative Animal Physiology</i>	4
BIOL 420	<i>Immunology</i>	4
BCHM 452	<i>Biochemistry II</i>	4
<b>Choose one of the following courses:</b>		
BCHM 450	<i>Medical Biochemistry – OR</i>	3
BCHM 451	<i>Biochemistry I</i>	4
<b>Directed Courses (Required) (15-33 hrs)*</b>		
CHEM 121	<i>General Chemistry I**</i>	4
CHEM 122	<i>General Chemistry II**</i>	4
CHEM 301	<i>Organic Chemistry I</i>	4
CHEM 302	<i>Organic Chemistry II</i>	4
<b>Choose from the following (3-9 hrs):</b>		
MATH 126	<i>Elementary Calculus for Business and Science** – OR</i>	3
MATH 131	<i>Calculus and Analytic Geometry I**</i>	4
MATH 132	<i>Calculus/Analytic Geometry II**</i>	4
MATH 133	<i>Calculus with Mathematica Lab**</i>	1
<b>Choose from the following:</b>		
PHYS 201	<i>General Physics I</i>	4
PHYS 202	<i>General Physics II</i>	4
<b>OR</b>		
PHYS 231	<i>University Physics I</i>	4
PHYS 232	<i>University Physics II</i>	4
<b>Free Electives (2-9 hrs)</b>		
*“C” or better is required in all courses		
**These are approved General Education courses and may be counted in the Core Competency Requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 38 hours must be 300-400 level.		

## Biopsychology Major (B.S.)

### PURPOSE

The purpose of the Biopsychology major is to prepare students for medical school, graduate school, and employment in the cross disciplinary field of biopsychology.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Effectively communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory.
4. Evaluate ethical issues in the life sciences in light of the Biblical/Christian worldview.
5. Demonstrate competence in the basic concepts of biopsychology.
6. Analyze and critique research results related to biopsychology.
7. Explain the neural basis for complex behaviors.

## Program of Study

### Biopsychology Major (B.S.)

#### General Education: Core Competency Requirements (58-65 hrs) Courses in the Major (39 hrs)\*

BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4

BIOL 301	<i>Genetics</i>	4
BIOL 313	<i>Clinical Human Anatomy</i>	3
BIOL 385	<i>Advanced Human Physiology</i>	3
BIOL 400	<i>Biology Seminar</i>	1
BIOL 408	<i>Animal Behavior</i>	4
BIOL 415	<i>Cell Biology</i>	4
PSYC 355	<i>Statistics in Psychology</i>	3
PSYC 380	<i>Physiological Psychology</i>	3
PSYC	Electives (300-400 level)	6
<b>Directed Electives (Required) (18-39 hrs)*</b>		
CHEM 121	<i>General Chemistry I**</i>	4
CHEM 122	<i>General Chemistry II**</i>	4
CHEM 301	<i>Organic Chemistry I</i>	4
CHEM 302	<i>Organic Chemistry II</i>	4
MATH 201/	<i>Introduction to Probability and Statistics**</i>	3
BUSI 230		
PSYC 101	<i>General Psychology**</i>	3
<b>Choose from the following (3-9 hrs):</b>		
MATH 126	<i>Elementary Calculus for Business and Science** – OR</i>	3
MATH 131	<i>Calculus and Analytic Geometry I**</i>	4
MATH 132	<i>Calculus and Analytic Geometry II**</i>	4
MATH 133	<i>Calculus with Mathematica Lab**</i>	1
<b>Choose from the following:</b>		
PHYS 201	<i>General Physics I – OR</i>	4
PHYS 231	<i>University Physics I</i>	
PHYS 202	<i>General Physics II – OR</i>	
PHYS 232	<i>University Physics II</i>	
<b>Free Electives (0-5 hrs)</b>		
* “C” or better is required in all courses		
** These approved General Education courses may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 39 hours must be 300-400 level.		

## Cell and Molecular Biology Major (B.S.)

### PURPOSE

The purpose of the Cell and Molecular Biology major is to prepare students for medical and related professional schools, graduate school, and employment in cell and molecular biology.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
4. Evaluate ethical issues in the life sciences in light of a Biblical/Christian worldview.
5. Demonstrate competence in cell and molecular biology.
6. Analyze and critique laboratory research results in the molecular sciences.

## Program of Study

### Cell and Molecular Biology Major (B.S.)

#### General Education: Core Competency Requirements (58-65 hrs) Courses in the Major (36 hrs)\*

BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 301	<i>Genetics</i>	4
BIOL 303	<i>Microbiology</i>	4
BIOL 400	<i>Biology Seminar</i>	1
BIOL 415	<i>Cell Biology</i>	4
BIOL 455	<i>Molecular Techniques</i>	3
BCHM 451	<i>Biochemistry I</i>	4

<b>Choose two of the following course:</b>	8
BIOL 330 <i>Histology</i>	
BIOL 403 <i>Embryology</i>	
BIOL 420 <i>Immunology</i>	
BCHM 452 <i>Biochemistry II</i>	
<b>Directed Courses (Required) (18-36 hrs)*</b>	
CHEM 121 <i>General Chemistry I**</i>	4
CHEM 122 <i>General Chemistry II**</i>	4
CHEM 301 <i>Organic Chemistry I</i>	4
CHEM 302 <i>Organic Chemistry II</i>	4
<b>Choose from the following courses (3-9 hrs):</b>	
MATH 126 <i>Elementary Calculus for Business and Science** - OR</i>	3
MATH 131 <i>Calculus and Analytic Geometry I**</i>	4
MATH 132 <i>Calculus and Analytic Geometry II**</i>	4
MATH 133 <i>Calculus with Mathematica Lab**</i>	1
<b>Choose one of the following courses:</b>	
MATH 201/ <i>Introduction to Probability and Statistics**</i>	3
BUSI 230 <i>- OR</i>	
MATH 211 <i>Introduction to Statistical Analysis**</i>	
<b>Choose from the following:</b>	
PHYS 201 <i>General Physics I**</i>	4
PHYS 202 <i>General Physics II **</i>	4
<b>OR</b>	
PHYS 231 <i>University Physics I**</i>	4
PHYS 232 <i>University Physics II**</i>	4
<b>Free Electives (1-8 hrs)</b>	
* "C" or better is required in all courses	
** These are approved General Education courses and may be counted in the Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 36 hours must be 300-400 level.	

### Chemistry Major (B.S.)

#### PURPOSE

The purpose of the Chemistry major is to prepare students for graduate school and employment in chemistry.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Assess experimental design and results obtained in the laboratory or extracted from the literature.
3. Apply standards and principles of safe practice in the chemistry laboratory.
4. Evaluate ethical issues in the sciences in light of a Biblical/Christian worldview.
5. Demonstrate competence in the essential analytical, synthetic, and technical skills to work in the chemical laboratory.
6. Formulate and solve problems in the principal areas of chemistry.

### Program of Study

<b>Chemistry Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (48-49 hrs)*</b>	
CHEM 121 <i>General Chemistry I</i>	4
CHEM 122 <i>General Chemistry II</i>	4
CHEM 301 <i>Organic Chemistry I</i>	4
CHEM 302 <i>Organic Chemistry II</i>	4
CHEM 321 <i>Analytical Chemistry</i>	4
CHEM 322 <i>Instrumental Analysis</i>	4
CHEM 400 <i>Chemistry Seminar</i>	1
CHEM 461 <i>Physical Chemistry I</i>	3

CHEM 462 <i>Physical Chemistry II</i>	3
CHEM 465 <i>Physical Chemistry Lab I</i>	1
CHEM 466 <i>Physical Chemistry Lab II</i>	1
CHEM 471 <i>Inorganic Chemistry</i>	4
BCHM 451 <i>Biochemistry I</i>	4
CHEM 497 <i>Special Topics</i>	3/4
<b>Choose one of the following courses:</b>	
BCHM 452 <i>Biochemistry II - OR</i>	4
CHEM 497 <i>Special Topics</i>	
<b>Directed Courses (Required) (12-24 hrs)*</b>	
MATH 131 <i>Calculus and Analytic Geometry I**</i>	4
MATH 132 <i>Calculus and Analytic Geometry II**</i>	4
MATH 133 <i>Calculus with Mathematica Lab</i>	1
MATH 211 <i>Introduction to Statistical Analysis**</i>	3
PHYS 231 <i>University Physics I**</i>	4
PHYS 232 <i>University Physics II**</i>	4
BIOL 224 <i>General Biology I</i>	4
<b>Free Electives (0-2 hrs)</b>	
* These approved General Education courses may be counted in Core Competency Requirements	
** These approved General Education courses may be counted in Core Competency Requirements	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 40 hours must be 300-400 level.	

### Environmental Biology Major (B.S.)

#### PURPOSE

The purpose of the Environmental Biology major is to prepare students for graduate school and employment in the environmental sciences.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
4. Evaluate ethical issues in the life sciences in light of a Biblical/Christian worldview.
5. Demonstrate competence in the environmental sciences.
6. Analyze and critique field research results in the environmental sciences.

### Program of Study

<b>Environmental Biology Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Courses in the Major (39 hrs)*</b>	
BIOL 224 <i>General Biology I</i>	4
BIOL 225 <i>General Biology II</i>	4
BIOL 310 <i>Ecology</i>	4
BIOL 317 <i>Botany</i>	4
BIOL 400 <i>Biology Seminar</i>	1
BIOL 410 <i>Environmental Biology</i>	4
BIOL ___ <i>Upper Level Elective</i>	4
ENVR 350 <i>Environmental Science and Policy</i>	3
ENVR 370 <i>Geographic Information Systems</i>	3
<b>Choose two courses from the following:</b>	8
BIOL 303 <i>Microbiology</i>	
BIOL 320 <i>Introduction to Entomology</i>	
BIOL 408 <i>Animal Behavior</i>	
BIOL 418 <i>Vertebrate Natural History</i>	
BIOL 419 <i>Ornithology</i>	
<b>Directed Courses (Required) (17-35 hrs)*</b>	
CHEM 121 <i>General Chemistry I**</i>	4

CHEM 122	General Chemistry II**	4
ENVR 220	Physical Geology	3
ENVR 221	Physical Geology Lab	1
PSYC 355	Statistics in Psychology	3
<b>Choose from the following courses (3-9 hrs):</b>		
MATH 126	Elementary Calculus for Business and Science** - <b>OR</b>	3
MATH 131	Calculus and Analytic Geometry I**	4
MATH 132	Calculus and Analytic Geometry II**	4
MATH 133	Calculus with Mathematics Lab**	1
<b>Choose one of the following courses:</b>		
MATH 201/	Introduction to Probability and	3
BUSI 230	Statistics** - <b>OR</b>	
MATH 211	Introduction to Statistical Analysis	
<b>Choose from the following:</b>		
PHYS 201	General Physics I**	4
PHYS 202	General Physics II**	4
<b>OR</b>		
PHYS 231	University Physics I**	4
PHYS 232	University Physics II**	4
<b>Free Electives (0-6 hrs)</b>		
* "C" or better is required in all courses.		
** These approved General Education courses may be counted in Core Competency Requirements		
NOTE: MATH 201/BUSI 230 or MATH 211 is a prerequisite to BIOL 310. Application to Graduate School in Biology and Medical School may not usually be made without CHEM 302		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 34 hours must be 300-400 level.		

### Forensic Science Major (B.S.)

#### PURPOSE

The purpose of the Forensic Science major is to prepare students for careers in federal, state and private forensic laboratories through a strong emphasis in biology, chemistry and criminal justice.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standard and principles of safe practice in the laboratory or field environment
4. Evaluate ethical issues in the life sciences in light of the Biblical/Christian worldview.
5. Demonstrate competence in the basic categories of forensic science.
6. Analyze and critique field or laboratory research results in the forensic sciences.
7. Explain the importance of forensic science in the criminal justice system.

### Program of Study

Forensic Science (B.S.) (50 hrs)		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (50 hrs)*</b>		
BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 313	Clinical Human Anatomy	3
BIOL 361	Forensic DNA Analysis	3
BIOL 462	Forensic DNA Analysis Laboratory	1
BIOL 421	Forensic Entomology	3
BIOL 402	Forensic Science Seminar	1
BIOL 301	Genetics	4

BIOL 303	Microbiology	4
CHEM 321	Analytical Chemistry	4
CJUS 200	Introduction to Criminal Justice	3
CJUS 230	Criminal Justice Research and Writing	3
CJUS 420	Criminal Investigations I	3
CJUS 421	Criminal Investigations II	3
BIOL, BCHM, CHEM, CJUS Electives (300-400 level)		7
<b>OR – ENVR 370</b>		
<b>Directed Courses (Required) (14-26 hrs)*</b>		
COMS 101	Speech Communication**	3
CHEM 121	General Chemistry I**	4
CHEM 122	General Chemistry II**	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
MATH 201/	Introduction to Probability and	3
BUSI 230	Statistics**	
PHYS 201	General Physics I**	4
<b>Free Electives (0-1 hr)</b>		
**"C" or better is required in all courses		
**These approved General Education courses may be counted in Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 44 hours must be 300-400 level.		

### Zoo and Wildlife Biology Major (B.S.)

#### PURPOSE

The purpose of the Zoo and Wildlife Biology major is to continue to broaden our offerings to students interested in being stewards of God's creation. Zoos are heavily involved in conservation efforts associated with endangered species and students will be equipped to secure jobs in zoos to assist these types of efforts. Similarly, rehabilitation centers are involved in stewardship issues by returning injured animals back into the wild. Students who are interested in science and have a passion for outdoors will also be interested in this major which will equip them for wildlife management graduate programs in natural resources.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
4. Evaluate ethical issues in the life sciences in light of a Biblical/Christian worldview.
5. Demonstrate basic knowledge of vertebrate biology at the physiological, behavioral and ecological levels.
6. Analyze and critique field or laboratory research results on vertebrate wildlife.

### Program of Study

Zoo and Wildlife Biology Major (B.S.)		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (43-44 hrs)*</b>		
BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 303	Microbiology	4
BIOL 305	Parasitology	4
BIOL 310	Ecology	4
BIOL 317	Botany	4
BIOL 400	Biology Seminar	1
BIOL 408	Animal Behavior	4
BIOL 416	Comparative Animal Physiology	4

BIOL 418	<i>Vertebrate Natural History</i>	4
<b>Choose one of the following courses:</b>		
BIOL 495	<i>Special Problems in Biology</i>	3
BIOL 499	<i>Internship</i>	
<b>Choose one of the following courses:</b>		
BIOL 301	<i>Genetics</i>	3-4
BIOL 320	<i>Introduction to Entomology</i>	
BIOL 419	<i>Ornithology</i>	
ENVR 370	<i>Geographic Information Systems(GIS)</i>	
<b>Directed Courses (Required) (14-29 hrs)*</b>		
CHEM 121	<i>General Chemistry I**</i>	4
CHEM 122	<i>General Chemistry II**</i>	4
MATH 121	<i>College Algebra**</i>	3
MATH 201/	<i>Introduction to Probability and</i>	3
BUSI 230	<i>Statistics**</i>	
PSYC 101	<i>General Psychology**</i>	3
PSYC 210	<i>Developmental Psychology**</i>	3
PSYC 355	<i>Statistics in Psychology</i>	3
PSCY 365	<i>Psychological Foundations of Learning</i>	3
PSYC 380	<i>Physiological Psychology</i>	3
<b>Free Electives (0-5 hrs)</b>		
**"C" or better is required in all courses		
**These are approved General Education courses and may be counted in the Core Competency Requirements		
Note: MATH 201/BUSI 230 is a prerequisite for BIOL 310		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 44 hours must be 300-400 level.		

## Zoology Major (B.S.)

### PURPOSE

The purpose of the Zoology major is to prepare students for veterinary, medical, and related professional schools, graduate school, and employment involving animals.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
4. Evaluate ethical issues in the life sciences in light of a Biblical/Christian worldview.
5. Demonstrate competence in organismal biology at the molecular, physiological, and ecological levels.
6. Analyze and critique field or laboratory research results in the zoological sciences.

## Program of Study

<b>Zoology Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (39-40 hrs)*</b>		
BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 301	<i>Genetics</i>	4
BIOL 310	<i>Ecology</i>	4
BIOL 400	<i>Biology Seminar</i>	1
BIOL 416	<i>Comparative Animal Physiology</i>	4
<b>Choose one of the following courses:</b>		
BIOL 303	<i>Microbiology</i>	4
BIOL 403	<i>Embryology</i>	
BIOL 415	<i>Cell Biology</i>	
BIOL 420	<i>Immunology</i>	
BCHM 451	<i>Biochemistry I</i>	
<b>Choose one of the following courses:</b>		
BIOL 305	<i>Parasitology</i>	4
BIOL 320	<i>Introduction to Entomology</i>	

BIOL 321	<i>Comparative Anatomy of the Vertebrates</i>	
BIOL 371	<i>Vertebrate Paleontology</i>	
BIOL 408	<i>Animal Behavior</i>	
BIOL 418	<i>Vertebrate Natural History</i>	
BIOL 419	<i>Ornithology</i>	
BIOL	Electives (300-400 level)	10-11
<b>Directed Courses (Required) (18-36 hrs)*</b>		
CHEM 121	<i>General Chemistry I**</i>	4
CHEM 122	<i>General Chemistry II**</i>	4
CHEM 301	<i>Organic Chemistry I</i>	4
CHEM 302	<i>Organic Chemistry II</i>	4
<b>Choose from the following courses (3-9 hrs):</b>		
MATH 126	<i>Elementary Calculus for Business and Science** – OR</i>	3
MATH 131	<i>Calculus and Analytic Geometry I**</i>	4
MATH 132	<i>Calculus and Analytic Geometry II*</i>	4
MATH 133	<i>Calculus with Mathematica Lab**</i>	1
<b>Choose one of the following courses:</b>		
MATH 201/	<i>Introduction to Probability and</i>	3
BUSI 230	<i>Statistics** – OR</i>	
MATH 211	<i>Introduction to Statistical Analysis**</i>	
<b>Choose from the following:</b>		
PHYS 201	<i>General Physics I**</i>	4
PHYS 202	<i>General Physics II**</i>	4
<b>OR</b>		
PHYS 231	<i>University Physics I**</i>	4
PHYS 232	<i>University Physics II**</i>	4
<b>Free Electives (0-5 hrs)</b>		
**"C" or better is required in all courses		
*These approved General Education courses may be counted in Core Competency Requirements		
<b>NOTE:</b> CHEM 121 and 122 are prerequisites to BIOL 301 CHEM 301 is a prerequisite or co-requisite to BIOL 415 MATH 201/BUSI 230 or 211 is a prerequisite to BIOL 310.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 39 hours must be 300-400 level.		

## Biology Minor

### Biology Minor (19 hrs)

BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL/BCHM or ENVR	Electives (300-400 level)	11

## Biomedical Sciences Minor

### Biomedical Sciences Minor (17-18 hrs)

BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 313	<i>Clinical Human Anatomy</i>	3
BIOL 385	<i>Advanced Human Physiology</i>	3
<b>Choose one of the following courses:</b>		
BIOL 301	<i>Genetics</i>	4
BIOL 303	<i>Microbiology</i>	4
BIOL 305	<i>Parasitology</i>	4
BIOL 330	<i>Histology</i>	4
BCHM 450	<i>Medical Biochemistry</i>	3
BCHM 451	<i>Biochemistry I</i>	4

## Chemistry Minor

### Chemistry Minor (20 hrs)

CHEM 121	<i>General Chemistry I</i>	4
CHEM 122	<i>General Chemistry II</i>	4
CHEM 301	<i>Organic Chemistry I</i>	4
CHEM 302	<i>Organic Chemistry II</i>	4
CHEM 321	<i>Analytical Chemistry</i>	4

## Department of Health Professions

**James Schoffstall, B.S., M.S.Ed., Ed.D., CSCS, HFS, CIFT, PAPHS, RCEP, FACSM**

*Chair, Department of Health Professions  
Director, Human Performance Lab  
Professor of Exercise Science*

**Eric Brubaker, B.S., M.S., Ed.D.**

*Associate Chair, Department of Health Professions  
Director, Kinesiology Program  
Associate Professor of Kinesiology*

**David Titcomb, B.S., M.S.P.T., D.P.T., HFS**

*Director, Exercise Science Program  
Associate Professor of Exercise Science*

**J. Vance Pickard, B.S., M.A.T., Ed.D., A.T.C.**

*Director, Athletic Training Program  
Associate Professor of Athletic Training*

**Matthew J. Gage, B.S., M.S., Ph.D., ATC, LAT**

*Clinical Coordinator, Athletic Training Program  
Associate Professor of Clinical Professions*

### PURPOSE

The Department of Health Professions faculty members are committed to preparing students in three majors: Athletic Training, Exercise Science, and Kinesiology. Each major leads to a Bachelor of Science degree. Our objective is to encourage student growth in these disciplines from the Christian worldview in preparation for employment/graduate education as they pursue God's purpose for their lives.

### *Athletic Training Major (B.S.)*

Athletic training is practiced by certified athletic trainers; health care professionals who collaborate with physicians to optimize activity and participation of patients and clients. Athletic training encompasses the prevention, diagnosis, and intervention of emergency, acute, and chronic medical conditions involving impairment, functional limitations, and disabilities. Athletic Trainers have been recognized by the AMA (American Medical Association) as an allied health care profession since 1990 ([www.nata.org](http://www.nata.org), 2010).

Entry-level athletic training education uses a competency-based approach in both the classroom and clinical settings. Using a medical-based education model, athletic training students (ATS) are educated to provide comprehensive preventive services and care in six domains of clinical practice: prevention, clinical evaluation and diagnosis, immediate care, treatment, rehabilitation, and reconditioning; organization and administration; and professional responsibility. The educational requirements for Commission on Accreditation of Athletic Training (CAATE)-accredited Athletic Training Programs (ATP) include not only cognitive (knowledge) and psychomotor (skill) content, but also a broad scope of foundational behaviors of professional practice, as well as a comprehensive clinical learning requirement that is embodied in the clinical proficiencies (professional, practice-oriented outcomes) as identified in the *Athletic Training Educational Competencies and Clinical Proficiencies*.

Athletic training programs, academic majors, are accredited by CAATE and lead to a bachelor's or master's degree. Certification is granted by the Board of Certification, Inc. (BOC). The Board of Certification conducts annual examination development meetings during which certified athletic trainers and recognized experts in the science of athletic training develop, review and validate examination items and problems. The knowledge, skills and abilities required for

competent performance as an entry-level athletic trainer fall into three categories:

- Understanding, applying and analyzing;
- Knowledge and decision-making; and
- Special performance abilities.

The Bachelor of Science degree program in Athletic Training at Liberty University is nationally accredited through an independent process by CAATE.

The ATP at Liberty University is designed to produce athletic training professionals who will impact the world of sports and health with the highest standards of knowledge, skill, and compassion. This program of study provides a thorough investigation into the profession of Athletic Training, using rigorous academic instruction in the classroom and intense hands-on clinical study working with area colleges and universities, high schools, and other affiliated sites.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate proper assessment techniques in the evaluation of athletic injuries.
2. Determine the correct therapeutic treatment and rehabilitation protocol to promote return to activity.
3. Communicate effectively to related medical and non-medical professionals within the athletic training setting.
4. Apply research methods using evidence-based practices in the evaluation of athletic injuries and treatments.
5. Demonstrate mastery of the knowledge and skills necessary to effectively perform as an entry-level Certified Athletic Trainer.

### PROGRAM APPLICATION PROCEDURES

Acceptance to Liberty University does not guarantee acceptance into the Athletic Training Program. Entrance into the Athletic Training Program is competitive and students must gain entry into the program via the following process:

**Pre-Professional:** Students interested in becoming part of the Athletic Training Program at Liberty University should initially enroll in ATTR 200, along with available education requirements. The second semester would then consist of enrolling in ATTR 210 and HLTH 216.

**Provisional Acceptance:** Applications for provisional admission should be submitted by April 15th each year. The criteria for provisional status can be found on the ATEP web site or from the Program Director.

**Full Acceptance:** Full acceptance will be based upon successful completion of Provisional status. Grades will be reviewed along with the clinical performance evaluation as determined by your Approved Clinical Preceptor (ACP).

### Provisional Application Process

In addition to completing ATTR 200, students must meet the following criteria and provide the following information:

- Candidates must indicate their intentions to apply to the program to the Program Director.
- Candidates must be in good academic standing with the University and have a minimum GPA of 2.50.
- Completion of application provided by the Program Director.
- Complete transcripts.
- Written paper about "Why I want to be a Certified Athletic Trainer."
- Medical history form signed by their family physician. The form shall include an endorsement by the physician

that states the student is physically able to meet the requirements of the program (See Technical Standards).

- Vaccination records, including: Rubella, Tetanus, Mumps, Polio, and HBV vaccination. Proof of TB test within the last 12 months must be included
- Meet the Technical Standards Policy for admission into the program.

For complete and updated information regarding application procedures, refer to the Liberty University ATEP web page at <http://www.liberty.edu/Academic/Education/Sport/index.cfm?PID=85>, or contact the Program Director.

Any of the following conditions will automatically preclude the student from acceptance:

- GPA is below 2.50.
- Any grade below “C” in the ATTR courses.
- Students not admitted will be notified and advised by the Program Director.
- The accreditation standard regarding direct supervision within clinical rotations means that there is a limit to the number of students that can be accepted. As such, not all students meeting the minimum requirements may be accepted. *If this is the case, total score will be utilized in determining final acceptance. Scores represent minimum provisional acceptance standards, and are no guarantee of final acceptance.*
- Students meeting the requirements but not accepted may be considered the following year.

#### Documentation following Provisional Acceptance:

Once a student is provisionally admitted to the program, the following documentation must be provided prior to the initial clinical rotation:

1. Undergo annual Blood Borne Pathogen training;
2. Student must be enrolled in ATTR 225/226 and ATTR 305/306.

Please note that due to the competitive nature of the program, that Provisional acceptance does not guarantee full acceptance into the program. Additionally, Provisionally-accepted students must meet the Program Retention Standards in order to remain in the Program.

#### Full Acceptance Status

During the student’s Provisional semester, application for full acceptance to the program can be initiated. Grades will be reviewed at the end of the semester, with final acceptance based on previous grades and successful completion of the following courses: ATTR 200; ATTR 210; ATTR 225/226; ATTR 305/306; BIOL 213/214; and HLTH 216. Note that a minimum GPA of 2.75 is required for full admission into the program. Additionally, students must offer proof of the following:

- Current First Aid and CPR certification.

Any of the following conditions will automatically preclude the student from acceptance:

- GPA is below 2.75;
- Any grade below “C” in the ATTR courses; or
- Observational score of 4 or less.

At this point, the student may be admitted to the program.

#### Transfer Students

Students transferring to Liberty University who are interested in entering the Athletic Training Program must first declare this intention in writing to the Program Director. Due to the unique characteristics and background of each individual, a transfer student will be evaluated on an individual basis to determine his/her suitability for the program as well as an appropriate entry level.

It is highly likely that the competencies covered in the transferring courses may differ from those covered in Liberty University’s courses. However, if a transfer student feels certain competencies have been completed, the student must provide the Program Director written documentation from his/her former school’s Program Director. This documentation must include a weekly log of hours, a list of completed clinical experiences, competencies, and a statement signed by the Program Director verifying satisfactory completion of the competencies in question. All competencies must meet the standards set forth by the accrediting body. Any request for course credit transfer must be made to the Program Director.

#### PROGRAM RETENTION STANDARDS

Once admitted to the program, the student must demonstrate and maintain satisfactory academic and clinical progress as defined below:

- **Overall GPA:** Athletic training students will maintain a minimum cumulative GPA of 2.75. Students falling below a 2.75 GPA will be placed on probation for one semester. If, after one semester of probation, the GPA remains below a 2.75, or falls below a 2.75 in any subsequent semester, the student will be suspended from the program.
- **GPA in Major:** Students must achieve a minimum grade of “C” in all designated classes (right side of DCP). The student, with permission of the Program Director, may repeat **one** ATTR course in which the student failed to achieve the minimum grade of “C”. A second failure to receive a grade of “C” or better in any ATTR course will result in suspension from the program.
- Students must complete BIOL 213/214 and 215/216 with a minimum grade of “C” in each section before enrolling in ATTR 400, 320 or 302. Students who receive a grade of “D” will be allowed to continue enrollment for one additional semester if they are enrolled in the BIOL course in which they received the grade of “D”. Students who receive a grade of “F” in any section of the required BIOL classes will be allowed to re-enter the program in the appropriate sequencing upon completion of this requirement.
- Under extenuating circumstances, and with approval of the Program Director, students will be allowed to continue in the program (under probation status) if they fail to meet one specific section of the GPA requirement. Issues will be considered on an individual basis and must constitute mitigating circumstances beyond the control of the student or program.
- **Course Sequencing:** Students must complete each clinical and academic course in the order prescribed.
- **Codes of Conduct:** Satisfactory citizenship and behavior must be demonstrated, per the University’s and the program’s codes of conduct as outlined in the *Liberty Way* and in the *Athletic Training Program Handbook*.  
Students suspended from the University will be subject to athletic training faculty review as to continuation in the program.  
The athletic training faculty reserves the right to dismiss from the major, students who exhibit unprofessional or unethical behavior as outlined in the *Program Handbook*.
- **Guidelines for Appeal:** Students may appeal decisions concerning their status in the Athletic Training Program. In order to do so, the student must submit a written appeal to the Program Director within one week of the notification in question. The documentation must include a detailed justification for the appeal. Upon receipt of the appeal, the athletic training faculty will meet to review the

matter. The student will be advised in writing as to the outcome of that discussion within two weeks.

## Program of Study

### Athletic Training Major (B.S.)

#### General Education: Core Competency Requirements (58-65 hrs)

#### Courses in the Major (61 hrs)\*\*

ATTR 200	Introduction to Athletic Training	3
ATTR 210	Principles of Athletic Training	3
ATTR 221	Clinical Education I	2
ATTR 225	Clinical Kinesiology for Health Professionals	2
ATTR 226	Clinical Kinesiology for Health Professionals Laboratory	1
ATTR 300	Lower Extremity Injury Evaluation	3
ATTR 301	Lower Extremity Injury Evaluation Laboratory	1
ATTR 302	Upper Extremity Injury Evaluation	3
ATTR 303	Upper Extremity Injury Evaluation Laboratory	1
ATTR 305	Emergency Care for Athletic Training	3
ATTR 306	Emergency Care for Athletic Training Laboratory	1
ATTR 310	Therapeutic Modalities in Athletic Training	3
ATTR 311	Therapeutic Modalities in Athletic Training Laboratory	1
ATTR 320	Clinical Education II	2
ATTR 321	Clinical Education III	2
ATTR 325	Evidence Based Research in Athletic Training	2
ATTR 400	Principles of Therapeutic Exercise and Rehabilitation	3
ATTR 402	Practical Applications of Therapeutic Exercise and Rehabilitation	3
ATTR 404	Medical Aspects of Athletic Training	3
ATTR 410	Administrative Aspects of Athletic Training	3
ATTR 420	Clinical Education IV	2
ATTR 421	Clinical Education V	2
ATTR 440	Senior Seminar in Athletic Training	2
EXSC 310	Physiology of Exercise	3
EXSC 311	Analysis of Human Movement	3
HLTH 333	Exercise and Sport Nutrition	3
KINE 225	Weight Training/Conditioning	1
<b>Directed Courses (Required) (2-17 hrs)*</b>		
MATH 201	Introduction to Probability and Statistics	3
/BUSI 230		
BIOL 213	Human Anatomy and Physiology I**	3
BIOL 214	Human Anatomy and Physiology I Lab**	1
BIOL 215	Human Anatomy and Physiology II**	3
BIOL 216	Human Anatomy and Physiology II Lab**	1
HLTH 216	Personal Health**	3
PSYC 101	General Psychology	3

\*These approved General Education courses may be counted in Core Competency Requirements

\*\*"C" or better required in these courses

**TOTAL HOURS:** 121 hours minimum required; at least 49 hours must be 300-400 level.

## Exercise Science Major (B.S.)

The Exercise Science program prepares students for careers in the health and fitness industry, as well as graduate studies in exercise physiology, physical therapy, occupational therapy, chiropractic, and other health professions.

The Exercise Science program is designed to produce exercise science professionals who will impact the world of sports, fitness, and wellness for our Lord and Savior Jesus Christ. The program will provide the student with the knowledge, skills, and abilities to assess, prescribe exercise for, and monitor clients in a variety of health, wellness, and fitness settings. This program of study provides the student with a thorough immersion into the field of exercise science, by using a combination of classroom, laboratory, practicum, and internship experiences.

The Bachelor of Science degree program in Exercise Science at Liberty University is nationally accredited by the Commission for the Accreditation of Allied Health Education Programs (CAAHEP).

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate proficiency in the basic knowledge of an entry level Health Fitness Specialist as defined by the program's accrediting body.
2. Communicate effectively in the area of exercise science.
3. Plan, implement, and evaluate exercise science related programming.
4. Evaluate research data and apply research techniques.

### PROGRAM APPLICATION PROCEDURES

Acceptance to Liberty University does not guarantee acceptance into the Exercise Science Program (ESP). Entrance into the ESP can be competitive and students must gain entry into the program via the following process:

**Provisional Acceptance:** Students interested in becoming part of the Exercise Science Program may initially declare Exercise Science as their major, but declaring Exercise Science as your major does not imply acceptance into the Exercise Science program. Students interested in becoming part of the Exercise Science Program at Liberty University should initially enroll in BIOL 213/214 and the second semester enroll in BIOL 215/216; EXSC 101 can be completed in either the fall or spring semester of the freshman year, along with any other available education requirements as per the course sequencing sheet.

**Full Acceptance:** Full acceptance into the Exercise Science program will be based upon the successful completion of all requirements during the provisional acceptance phase and selection by the Exercise Science admissions committee. Application for acceptance can be made twice per year: by October 15<sup>th</sup> for spring acceptance and by March 15<sup>th</sup> for fall acceptance.

### Process and Requirements for Full Acceptance

During the students Provisional Acceptance phase, application for full acceptance to the program can be initiated. Grades will be reviewed at the end of the semester, with final acceptance contingent upon the successful completion of those courses. The student must meet the following criteria and provide the following information/documentation:

- Candidate must be in good academic standing with the University.
- Must show proof of current student membership to the American College of Sports Medicine.
- Must show proof of current First Aid and CPR certification.
- The certification must be maintained throughout the student's enrollment in the program.

- Must include adult, child, and infant
- Must have a 'hands-on' component
- Must be from one of the following organizations:
  - American Red Cross
  - American Heart Association
  - National Safety Council
- Cumulative GPA of 2.25 or better.
- Have completed BIOL 213/214, BIOL 215/216, EXSC 101, and EXSC 310 with a grade of 'C' or better.
- Completion of the online application.
- Completion of the Exercise Science Student Confidentiality Agreement.
- Complete transcripts.
- Written paper on "Why I want to be in the Exercise Science Program."

### Transfer Students

Students transferring to Liberty University who are interested in entering the Exercise Science Program must follow the same process and procedures for entering the Exercise Science Program as outlined in the above section, 'Program Application Procedures. Additionally, students must take all 400 level courses residentially. Courses at the 400 level cannot be transferred into the Exercise Science Program.

### Fee and Expenses

In addition to university tuition and fees, students enrolled in the Exercise Science program may incur additional expenses. These expenses include, but are not limited to: American College of Sports Medicine (ACSM) national and regional memberships, ACSM Health Fitness Specialist certification exam, first aid and CPR certifications, transportation costs associated with off-campus practicum, internship, and related experiences; TB (PPD) skin test, cost of medical examination and background check, if required by practicum or internship site.

### Program Retention Standards

Once admitted to the program, the student must demonstrate and maintain satisfactory academic progress as defined below:

- **Overall GPA:** Students will maintain a minimum cumulative GPA of 2.25. Students falling below a 2.25 GPA will be placed on probation for one semester. If, after one semester probation, the GPA remains below a 2.25, or falls below a 2.25 in any subsequent semester, the student will be dismissed from the program.
- **GPA in Major:** Students must achieve a "C" or better in all designated major courses (right side of the degree completion plan). A student, with permission of the Program Director, may repeat ONE major course in which the student failed to achieve the minimum grade of "C". A second failure to receive a grade of "C" or better in any major course will result in dismissal from the program.
- **Course sequencing:** Students must complete each major course in the order prescribed unless approved by the Program Director.
- **Codes of Conduct:** Satisfactory behavior must be demonstrated, per the University's code of conduct as outlined in the *Liberty Way*.
- **Guidelines for appeal:** Students may appeal decisions concerning their status in the Exercise Science Program. In order to do so, the student must submit a written appeal to the Program Director within one week of the notification in question. The documentation must include a detailed justification for the appeal. Upon receipt of the appeal, the Exercise Science faculty will meet to review the matter.

The student will be advised in writing as to the outcome of that discussion within two weeks.

### Internship

Exercise Science students undertake an internship as the culminating experience of their degree program. Students may choose from a variety of approved internship sites that provide exceptional opportunities for the student to apply their knowledge, skills, and abilities acquired throughout the Exercise Science program in a professional setting. The internship also provides an opportunity for Exercise Science students to experience the careers that are available to them upon graduation.

- **Prerequisite:** The student has completed all Exercise Science course work and HLTH 333, with a grade of 'C' or better; have a minimum overall GPA of 2.25 or better; have achieved a minimum score of 480 on the American College of Sports Medicine's Health Fitness Specialist exam, and turned in the exam scoring sheet to the Program Director; or consent of the Exercise Science Program Director.

### Programs of Study

<b>Exercise Science Major (B.S.) Fitness Specialist Concentration</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Major Courses (46 hrs)*</b>		
EXSC 101	<i>Introduction to Exercise Science</i>	1
EXSC 302	<i>Exercise and Sport Injuries</i>	2
EXSC 310	<i>Physiology of Exercise</i>	3
EXSC 311	<i>Analysis of Human Movement</i>	3
EXSC 315	<i>Group Exercise Instruction</i>	2
EXSC 320	<i>Measurement and Evaluation in Health and Kinesiology</i>	3
EXSC 340	<i>Essentials of Strength Training and Conditioning</i>	3
EXSC 350	<i>Biomechanics</i>	3
EXSC 351	<i>Biomechanics Lab</i>	1
EXSC 410	<i>Applied Exercise Physiology</i>	3
EXSC 411	<i>Applied Exercise Physiology Lab</i>	1
EXSC 421	<i>Practicum</i>	1
EXSC 433	<i>Exercise Prescription for Special Populations</i>	3
EXSC 460	<i>Exercise Testing, Evaluation, and Prescription</i>	3
EXSC 461	<i>Exercise Leadership</i>	3
EXSC 485	<i>Health Fitness Specialist Workshop and Certification</i>	1
EXSC 499	<i>Internship in Exercise Science</i>	4
HLTH 333	<i>Exercise and Sports Nutrition</i>	3
KINE 101	<i>Physical Fitness</i>	1
KINE ____	Elective (Choose from KINE 216-240)	1
KINE 225	<i>Weight Training/Conditioning</i>	1
<b>Directed Courses (Required) (2-11 hrs)*</b>		
BIOL 213	<i>Anatomy and Physiology I**</i>	3
BIOL 214	<i>Anatomy and Physiology I Lab</i>	1
BIOL 215	<i>Anatomy and Physiology II**</i>	3
BIOL 216	<i>Anatomy and Physiology II Lab</i>	1
HLTH 216	<i>Personal Health**</i>	3
<b>Free Electives (9-16 hrs)</b>		
**"C" or better is required in all courses		
**These approved General Education courses may be counted in Core Competency Requirements		
<b>TOTAL HOURS:</b> 122 hours minimum required; at least 42 hours must be 300-400 level.		



**Exercise Science Major (B.S.)****Pre-Professional Concentration****General Education: Core Competency Requirements (58-65 hrs)****Major Courses (60 hrs)\***

EXSC 101	<i>Introduction to Exercise Science</i>	1
EXSC 302	<i>Exercise and Sports Injuries</i>	2
EXSC 310	<i>Physiology of Exercise</i>	3
EXSC 311	<i>Analysis of Human Movement</i>	3
EXSC 320	<i>Measurement and Evaluation in Health and Kinesiology</i>	3
EXSC 340	<i>Essentials of Strength Training and Conditioning</i>	3
EXSC 350	<i>Biomechanics</i>	3
EXSC 351	<i>Biomechanics Lab</i>	1
EXSC 410	<i>Applied Exercise Physiology</i>	3
EXSC 411	<i>Applied Exercise Physiology Lab</i>	1
EXSC 421	<i>Practicum</i>	1
EXSC 433	<i>Exercise Prescription for Special Populations</i>	3
EXSC 460	<i>Exercise Testing, Evaluation, and Prescription</i>	3
EXSC 461	<i>Exercise Leadership</i>	3
EXSC 485	<i>Health Fitness Specialist Workshop and Certification</i>	1
EXSC 499	<i>Internship in Exercise Science</i>	4
HLTH 333	<i>Exercise and Sports Nutrition</i>	3
KINE 101	<i>Physical Fitness</i>	1
KINE ____	Elective (choose from KINE 216-240)	1
KINE 225	<i>Weight Training/Conditioning</i>	1
<b>Choose four of the following courses (16 hrs):</b>		
BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 303	<i>Microbiology</i>	4
CHEM 121	<i>General Chemistry I</i>	4
CHEM 122	<i>General Chemistry II</i>	4
CHEM 301	<i>Organic Chemistry I</i>	4
CHEM 302	<i>Organic Chemistry II</i>	4
PHYS 201	<i>General Physics I</i>	4
PHYS 202	<i>General Physics II</i>	4
<b>Directed Courses (Required) (5-17 hrs)*</b>		
MATH 121	<i>College Algebra**</i>	3
BIOL 213	<i>Anatomy and Physiology I**</i>	3
BIOL 214	<i>Anatomy and Physiology I Lab</i>	1
BIOL 215	<i>Anatomy and Physiology II**</i>	3
BIOL 216	<i>Anatomy and Physiology II Lab</i>	1
HLTH 216	<i>Personal Health**</i>	3
MATH 201/	<i>Introduction to Probability and Statistics**</i>	3
BUSI 230		

\*“C” or better is required in all courses

\*\*These are approved General Education courses and may be counted in the Core Competency Requirements

**TOTAL HOURS:** 123 hours minimum required; at least 40 hours must be 300-400 level.**Kinesiology Major (B.S.)****PURPOSE**

The Kinesiology degree program is designed to promote the development of a healthy, physically active Christ-centered lifestyle and prepare its graduates for the teaching profession. This academic program will allow students to acquire the disciplinary knowledge of human movement and the requisite skills and competencies in their respective area of concentration.

Those students completing either of the **Health and Physical Education** concentrations will be given the knowledge and teaching skills necessary to design and implement developmentally appropriate motor/sport skill learning experiences in school settings.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply health and physical education curricular content based on sound pedagogical principles and strategies for PreK-12 students.
2. Plan and assess health and physical education lessons.
3. Incorporate diverse learning styles and physical skill levels into lesson plans.
4. Choose, administer, and evaluation assessment instruments to measure cognitive, affective, and psychomotor domains.
5. Demonstrate teaching (communication) skills appropriate to K-12 students in physical education classes.
6. Demonstrate motor/sports skills utilized education curricula.

**Health and Physical Education Concentrations**

These concentrations are designed to prepare students primarily as health and physical education teachers for grades PreK-12. Students may choose whether or not to pursue Virginia teacher licensure. Each is a combination of academic study and practical learning experiences dealing with teaching in both health and physical education instructional settings.

**CPR/First Aid Requirement**

Must show proof of current First Aid and CPR certification

- Must include adult, child, and infant
- Must have a ‘hands-on’ component
- Must be from one of the following organizations:
  - American Red Cross
  - American Heart Association
  - National Safety Council

**TEACHER LICENSURE**

Teacher preparation and endorsement in health/physical education is available only through the Kinesiology Major within the Department of Health Professions and the Teacher Education Department. Those wishing to pursue teaching-related programs should seek information from the Director of Kinesiology/Physical Education and the Teacher Licensure Office in the School of Education. Licensure information is also available at <http://www.liberty.edu/uguide>.

**Programs of Study****Kinesiology Major (B.S.)****Health and Physical Education Concentration (Non- Licensure)****General Education: Core Competency Requirements (58-65 hrs)****Courses in the Major Core (21 hrs)**

EXSC 310	<i>Physiology of Exercise</i>	3
EXSC 311	<i>Analysis of Human Movement</i>	3
EXSC 320	<i>Measurement and Evaluation in Health and Kinesiology</i>	3
HLTH 330	<i>Human Nutrition</i>	3
KINE 101	<i>Physical Fitness</i>	1
KINE 208	<i>Motor Learning</i>	2
KINE 209	<i>Motor Learning Lab</i>	1
KINE 225	<i>Weight Training and Conditioning</i>	1
KINE 333	<i>Adapted Physical Activity</i>	2
KINE 334	<i>Adapted Physical Activity Lab</i>	1
KINE ____	Elective (Choose from KINE 210-240)	1

**Health and Physical Education Concentration Courses (29 hrs)**

HLTH 252	<i>Drugs in Society</i>	3
HLTH 402	<i>The School Health Program</i>	3
HLTH 440	<i>Methods and Resources in Teaching Applied Sciences in School</i>	2

KINE 207	<i>History and Foundations of Physical Education</i>	2
KINE 210	<i>Softball/Volleyball</i>	1
KINE 211	<i>Basketball/Soccer</i>	1
KINE 212	<i>Innovative Games</i>	1
KINE 213	<i>Racquet Sports</i>	1
KINE 214	<i>Tumbling and Rhythmic Activities</i>	1
KINE 215	<i>Track and Field/Flag Football</i>	1
KINE 245	<i>PE Observations in Schools</i>	1
KINE 404	<i>Administration and Organization of Physical Education, Exercise, and Fitness</i>	3
KINE 450	<i>Elementary Physical Education Methods</i>	3
KINE 451	<i>Secondary Physical Education Methods</i>	3
SMGT 300	<i>Introduction to Coaching</i>	3
<b>Directed Courses (Required) (2-11 hrs)**</b>		
BIOL 213	<i>Human Anatomy and Physiology I*</i>	3
BIOL 214	<i>Human Anatomy and Physiology I Lab</i>	1
BIOL 215	<i>Human Anatomy and Physiology II*</i>	3
BIOL 216	<i>Human Anatomy and Physiology II Lab</i>	1
HLTH 216	<i>Personal Health*</i>	3
<b>Free Electives (3-10 hrs) [5 hrs must be upper level]</b>		
<b>Additional Requirements for Major:</b>		
First Aid/CPR Certification		
Swimming Proficiency		
2.00 or higher cumulative GPA is required		
**"C" or better required		
**These are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 37 hours must be 300-400 level.		

<b>Kinesiology Major (B.S.)</b>		
<b>Teacher Licensure Requirements – Health and Physical Education (PreK – 12 Licensure)<sup>1</sup></b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses in the Major (21 hrs)</b>		
<b>Health and Physical Education Concentration Courses (29 hrs)</b>		
<b>Directed Courses (Required) (2-14 hrs)**</b>		
("C" or better required in all BIOL courses)		
BIOL 213	<i>Human Anatomy and Physiology I</i>	3
BIOL 214	<i>Human Anatomy and Physiology I Lab</i>	1
BIOL 215	<i>Human Anatomy and Physiology II</i>	3
BIOL 216	<i>Human Anatomy and Physiology II Lab</i>	1
PSYC 210	<i>Developmental Psychology</i>	3
HLTH 216	<i>Personal Health</i>	3
<b>Teacher Licensure Requirements (22 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
HLTH 441	<i>Methods and Resources in Teaching Applied Sciences in School Practicum</i>	1
KINE 322	<i>PE Student Aide: Elementary</i>	1
KINE 326	<i>PE Student Aide: Secondary</i>	1
<b>Professional Semester</b>		
KINE 435	<i>Seminar for Student Teachers</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
<b>Additional Requirements for Major</b>		
First Aid/CPR Certification		
Swimming Proficiency		
*2.50 or higher cumulative GPA is required. Honor students must take HONR 395 in Fall of Junior year.		
**These approved General Education courses may be counted in Foundational/Investigative Studies		
<b>TOTAL HOURS:</b> 132 hours minimum; 49 hours must be 300-400 level.		

## Kinesiology Minor

<b>Kinesiology Minor (15 hrs)</b>		
KINE 101	<i>Physical Fitness</i>	1
KINE 208	<i>Motor Learning</i>	2
KINE 209	<i>Motor Learning Lab</i>	1
KINE 225	<i>Weight Training and Conditioning</i>	1
EXSC 302	<i>Exercise and Sports Injuries</i>	2
SMGT 300	<i>Introduction to Coaching</i>	3
KINE ____	Elective (300-400 level)	3
Choose one of the following courses:		2
KINE 210	<i>Softball/Volleyball</i>	
KINE 211	<i>Basketball/Soccer</i>	
KINE 212	<i>Innovative Games</i>	
KINE 213	<i>Racquet Sports</i>	
KINE 214	<i>Tumbling and Rhythmic Activities</i>	
KINE 215	<i>Track and Field/Flag Football</i>	

## Department of Public and Community Health

**Annette Florence, B.S., M.P.H., Dr.P.H.**  
*Chair, Department of Public and Community Health*  
*Associate Professor of Public and Community Health*

**Ashley Tharpe, B.S., M.A., Ed.D.**  
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**Darlene Martin, B.S., M.Ed., A.T.C.**  
*Director, Public and Community Health Program & Lab*  
*Assistant Professor of Public and Community Health*

**Richard Lane, B.S., M.P.H. & T.M., M.D. F.A.C.P.M.**  
*Director, Master of Public Health Program*  
*Professor of Public and Community Health*

### PURPOSE

The Department of Public and Community Health provides an integrated approach to health, offering competency-based and practice-focused preparation for successful careers in public health and healthcare. Through a Christian worldview, students will learn to strategically address the health needs of priority populations from the individual to the global level using a variety of health promotion and education strategies.

The department is comprised of both undergraduate and graduate degree programs applicable to a variety of practice settings and situations, as well as further education in the clinical and professional fields. Students completing the program and meeting the prerequisites will be eligible for professional certification through the National Commission for Health Education Credentialing (CHES).

### Health Promotion Major (B.S.)

The Health Promotion major prepares students for employment as adult health education specialists in the healthcare industry, voluntary agencies, business, and government or for graduate work for clinical health profession careers as well as public health and other health-related graduate programs. At the completion of the program, CHES students qualify and are encouraged to take the national Certified Health Education Specialist (C.H.E.S.) examination for certification.

**Certified Health Education Specialist Concentration****PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate basic knowledge of personal and community health.
2. Assess needs, assets and capacity for health education.
3. Plan health education.
4. Implement health education.
5. Conduct evaluation and research related to health education.
6. Administer and manage health education.
7. Serve as a health education resource person.
8. Communicate and advocate for health and health education.

**Clinical Concentration****PROGRAM LEARNING OUTCOMES**

The student will be able to demonstrate basic knowledge of personal and community health.

**Programs of Study****Health Promotion Major (B.S.)****CHES Concentration****General Education: Core Competency Requirements (58-65 hrs)****Courses in the Major Core (16 hrs)\***

NURS 105	Medical Terminology	1
HLTH 330	Human Nutrition	3
HLTH 350	Introduction to Public and Community Health	3
HLTH 444	Principles of Epidemiology and Biostatistics	3
HLTH ____	Electives	6

**CHES Concentration Courses (32-34 hrs)\***

HLTH 252	Drugs in Society	3
HLTH 301	Principles of Health Education	2
EXSC 310	Physiology of Exercise	3
EXSC 320	Measurement and Evaluation in Health and Kinesiology	3
HLTH 420	Principles of Behavior Change and Health Counseling	3
HLTH 452	Methods and Resources in Teaching Applied Sciences in School Practicum	3
HLTH 453	Program Planning and Evaluation in Health Education	3
HLTH 488	Infectious Disease	3
HLTH 499	Professional Internship in Health Promotion <sup>1</sup>	3

**Choose one of the following:**

HLTH 221	Applied Human Anatomy and Physiology I	3
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**OR**

BIOL 213	Human Anatomy and Physiology I – AND	3
BIOL 214	Human Anatomy and Physiology I Lab	1

**Choose one of the following:**

HLTH 222	Applied Human Anatomy and Physiology II	3
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**OR**

BIOL 215	Human Anatomy and Physiology II – AND	3
BIOL 216	Human Anatomy and Physiology II Lab	1

**Directed Courses (Required) (2-17 hrs)\*\***

BIOL 203	Introductory Microbiology	4
CHEM 107	Essentials of General and Organic Chemistry	4
HLTH 216	Personal Health	3
MATH 201	Introduction to Probability and Statistics	3
PSYC 101	General Psychology	3

**Free Electives (5-12 hrs)**

<sup>1</sup>2.35 GPA is required

\*\*“C” or better is required for all HLTH major and BIOL courses and all majors must be CPR/First Aid certified prior to taking HLTH 499

\*\*These approved General Education courses may be counted in Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum required; at least 32 hours must be 300-400 level.

**Health Promotion Major (B.S.)****Clinical Concentration****General Education: Core Competency Requirements (58-65 hrs)****Courses in the Major Core (16 hrs)\***

NURS 105	Medical Terminology	1
HLTH 330	Human Nutrition	3
HLTH 350	Introduction to Public and Community Health	3
HLTH 444	Principles of Epidemiology and Biostatistics	3
HLTH ____	Electives [must be upper level]	6

**Clinical Concentration Courses (30 hrs)\***

CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
MATH 121	College Algebra	3
MATH 126	Elementary Calculus for Business and Science	3
PHYS 201	General Physics I	4
PHYS 202	General Physics II	4

**Directed Courses (Required) (2-18 hrs)\*\***

MATH 201	Introduction to Probability and Statistics	3
PSYC 101	General Psychology	3
HLTH 216	Personal Health	3

**Choose one of the following:**

BIOL 224	General Biology I – OR	4
BIOL 213	Human Anatomy and Physiology I – AND	3
BIOL 214	Human Anatomy and Physiology I Lab	1

**Choose one of the following:**

BIOL 225	General Biology II – OR	4
BIOL 215	Human Anatomy and Physiology II – AND	3
BIOL 216	Human Anatomy and Physiology II Lab	1

**Free Electives (7-14 hrs) [7 hrs must be upper level]**

\*“C” or better is required for all HLTH major and BIOL courses and all majors must be CPR/First Aid certified prior to taking HLTH 499

\*\*These are approved General Education courses and may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum required; at least 30 hours must be 300-400 level.

**Health Promotion Minor****Health Promotion Minor (17 hrs)**

BIOL 213	Human Anatomy and Physiology I	3
BIOL 214	Human Anatomy and Physiology I Lab	1
BIOL 215	Human Anatomy and Physiology II	3
BIOL 216	Human Anatomy and Physiology II Lab	1
HLTH 350	Introduction to Public and Community Health	3
HLTH 420	Principles of Behavior Change and Health Counseling	3
HLTH 453	Program Planning and Evaluation in Health Education	3

## School of Health Sciences – Online Programs

### Department of Health Professions

#### PURPOSE

Faculty in the Department of Health Professions encourages student growth in health profession disciplines from the Christian worldview in preparation for employment/graduate education as they pursue God's purpose for their lives.

#### Medical Office Assistant Major (A.A.S.)

#### PURPOSE

The purpose of the Medical Office Assistant major is to provide formal training for healthcare professionals who hold the Christian worldview to ensure the functions of a medical office operate smoothly on a daily basis.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Analyze the roles, responsibilities, and medical terminology within the various health professions.
2. Apply knowledge of insurance, billing, coding, and bookkeeping practices to the medical field.
3. Evaluate medical office infection control, legal, and ethical issues.

### Program of Study

#### Medical Office Assistant Major (A.A.S.)

##### General Education Requirements (39 hrs)

##### Courses in the Major (22 hrs)\*

AMOA 203	Medical Office Systems and Procedures	3
AMOA 204	Medical Office Insurance	3
AMOA 206	Medical Office Billing and Bookkeeping	3
AMOA 207	Medical Office Coding	3
AMOA 254	Medical Office Infection Control	3
AMOA 256	Medical Office Ethics and Law	3
HLTH 105	Introduction to the Health Professions	3
NURS 105	Medical Terminology	1

\*"C" or better is required in all courses

**TOTAL HOURS:** 61 minimum required.

#### DEGREE COMPLETION PLANS

Degree Completion Plans (DCP) for Liberty University Online programs are available at <http://www.liberty.edu/index.cfm?PID=2981>.

## Undergraduate Certificates

The School of Health Sciences offers undergraduate certificates in several areas of study through Liberty University Online.

#### CERTIFICATE COMPLETION REQUIREMENTS

1. Complete 18 total hours with a 2.00 GPA
2. All courses must be completed through Liberty University
3. No grade of "D" may be applied to the certificate
4. Submission of Certificate Completion Application at beginning of final semester

#### Certificate in Health Sciences

##### Health Sciences Certificate (18 hrs)

HLTH 105	Introduction to Health Professions	3
HLTH 221	Applied Human Anatomy and Physiology I	3
HLTH 222	Applied Human Anatomy and Physiology II	3
HLTH 252	Drugs in Society	3
HLTH 330	Human Nutrition	3
HLTH 380	Health Promotion for Aging Populations	3

#### Certificate in Healthcare Management

##### Healthcare Management Certificate (18 hrs)

BUSI 310	Principles of Management	3
BUSI 340	Organizational Behavior I	3
HLTH 252	Drugs in Society	3
HLTH 349	Public and Community Health for Business	3
HLTH 419	Wellness and Behavior Change Theories for Business	3
HLTH 491	Grantsmanship	3

#### CERTIFICATE COMPLETION PLANS

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

## School of Law – Liberty University Online Programs

### Administration

**Rena M. Lindevaldsen, B.A., J.D.**

*Interim Dean, School of Law*

*Associate Dean for Academic Affairs, School of Law*

*Associate Director, Liberty Center for Law and Policy*

*Professor of Law*

**J. Matt Barber, B.S., M.A., J.D.**

*Associate Dean for Online Programs*

*Adjunct Assistant Professor of Law*

### Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaID=22> where faculty can be searched for by Department.

### PURPOSE

Liberty University School of Law exists to equip future leaders in law with a superior legal education in fidelity to the Christian faith expressed through the Holy Scriptures.

- **Equip future leaders in law.** Inspiring students and preparing them to excel and lead in their profession.
- **With a superior legal education.** Constructing and implementing an education characterized by excellence.
- **In fidelity to the Christian faith.** Adhering to the perspective that shaped the Western legal tradition.
- **Expressed through the Holy Scriptures.** Pursuing truth in a context of free thought and expression informed by a standard.

### Paralegal Studies Major (B.S.)

#### PURPOSE

The purpose of the Paralegal Studies program is to train students to support attorneys in legal practice with Christian character and a strong work ethic. The program exists to equip individuals for a career in the legal realm with a superior education in fidelity to the Christian faith expressed through the Holy Scriptures. Students should be inspired to excel in their profession while adhering to the perspective that shaped the Western legal tradition.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate proficiency in legal research and writing skills as required in the legal field.
2. Integrate ideas from various sources and courses and communicate those ideas using computer skills and/or oral communication skills.
3. Critically analyze and process legal issues based on foundational legal principles.
4. Demonstrate broad-based knowledge of the U.S. Constitution, the federal and state court systems, and legal processes, both civil and criminal.
5. Evaluate legal issues from a distinctively Christian worldview as well as understand and apply ethics as it relates to paralegal studies.
6. Demonstrate proficiency in a specialized area of law.

### Program of Study

#### Paralegal Studies Major (B.S.)

**General Education: Core Competency Requirements (36 hrs)**  
**Skills and Knowledge (9 hrs)**

**Core Courses in the Major (30 hrs)**

PLAW 200	<i>Introduction to Paralegal Studies</i>	3
PLAW 205	<i>Foundations of Law</i>	3
PLAW 210	<i>Legal Research and Writing</i>	3
PLAW 220	<i>Civil Practice</i>	3
PLAW 222	<i>Real Estate Transactions and Property</i>	3
PLAW 225	<i>Tort Law</i>	3
PLAW 230	<i>Criminal Practice and Procedures</i>	3
PLAW 235	<i>Wills, Trusts and Estates</i>	3
PLAW 340	<i>Family Law</i>	3
PLAW 350	<i>Corporate and Business Organizational Law</i>	3
<b>Choose five courses (15 hrs) from the following:</b>		15
PLAW ____	Any courses not listed above	
BUSI ____	301, 303, 342, 360, 409, 472	
CJUS ____	200, 230, 300, 310, 320, 330, 340, 350, 400, 410, 420	
GOVT ____	302, 480	

**Electives (30 hrs)\***

Student may need 9 hrs or more of upper level electives to fulfill 30 hour upper level requirement.

**TOTAL HOURS:** 120 minimum; 30 hours must be upper level; 30 hours must be completed through LU (Online and/or Residential)

### Paralegal Studies Major (A.A.)

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate proficiency in legal research and writing skills as required in the legal field.
2. Integrate ideas from various sources and courses and communicate those ideas using computer skills and/or oral communication skills.
3. Critically analyze and process legal issues based on foundational legal principles.
4. Demonstrate broad-based knowledge of the U.S. Constitution, the federal and state court systems, and legal processes, both civil and criminal.
5. Evaluate legal issues from a distinctively Christian worldview as well as understand and apply ethics as it relates to paralegal studies.

### Program of Study

#### Paralegal Studies Major (A.A.)

**General Education: Core Competency Requirements (33 hrs)**  
**Skills and Knowledge (6 hrs)**

**Courses in the Major (21 hrs)**

PLAW 200	<i>Introduction to Paralegal Studies</i>	3
PLAW 205	<i>Foundations of Law</i>	3
PLAW 210	<i>Legal Research and Writing</i>	3
PLAW 222	<i>Real Estate Transactions and Property</i>	3
PLAW 225	<i>Tort Law</i>	3
PLAW 220	<i>Civil Practice – OR</i>	3
PLAW 230	<i>Criminal Practice and Procedure</i>	3
PLAW ____	Elective*	3

\*May choose any PLAW course not listed above, or:

BUSI 301, 303, 342, 360, 409, 472;

CJUS 200, 230, 300, 310, 320, 330, 340, 350, 400, 410, 420;

GOVT 302, 480.

**TOTAL HOURS:** 60 minimum

### Liberty University en Español

The Associate of Arts in Paralegal Studies is also offered online through Liberty University en Español.

## *Undergraduate Certificates*

An undergraduate certificate in Paralegal Studies is offered through Liberty University Online.

### **CERTIFICATE COMPLETION REQUIREMENTS**

1. Complete 18 total hours with a 2.00 GPA
2. All courses must be completed through Liberty University
3. No grade of “D” may be applied to the certificate
4. Submission of Certificate Completion Application at beginning of final semester

### ***Certificate in Paralegal Studies***

#### **Paralegal Studies Certificate (18 hrs)**

PLAW 200	<i>Introduction to Paralegal Studies</i>	3
PLAW 205	<i>Foundations of Law</i>	3
PLAW 210	<i>Legal Research and Writing</i>	3
PLAW 222	<i>Real Estate Transactions and Property</i>	3
PLAW 225	<i>Tort Law</i>	3
PLAW 220	<i>Civil Practice – OR</i>	3
PLAW 230	<i>Criminal Practice and Procedure</i>	3

### **CERTIFICATE COMPLETION PLANS**

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

# School of Music

## Administration

**Vernon M. Whaley, B.A., M.C.M., M.A., D.Min., Ph.D.**

*Dean, School of Music*

*Professor of Music and Worship*

**Doug Crawley, B.M., M.C.M., D.M.A.**

*Associate Dean, Center for Music and Worship*

*Associate Professor of Music and Worship*

**John D. Kinchen, III, B.M., M.M., D.M.A.**

*Associate Dean, Center for Music and the Performing Arts*

*Associate Professor of Music and Worship*

**Sean Beavers, B.M., M.M., D.M.**

*Chair, Department of Applied Music Studies*

*Coordinator for Instrumental Program, School of Music*

*Associate Professor of Music*

**John W. Hugo, B.Mus., M.M., M.M., D.M.A.**

*Chair, Department of Music*

*Professor of Music*

**Stephen P. Kerr, B.S., M.A., Ph.D.**

*Chair, Department of University Bands*

*Professor of Music*

**Katherine Morehouse, B.A., M.A., Ph.D.**

*Chair, Department of Multi-Ethnic Music Studies*

*Associate Professor of Ethnomusicology*

**Paul Randlett, B.S., M.A.**

*Acting Chair, Department of Music and Worship*

*Assistant Professor of Music and Worship*

**Paul Rumrill, B.A., M. M., D.M.A.**

*Chair, Department of Music Education*

*Associate Professor of Music and Worship*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CatID=22> where faculty can be searched for by Department.

## MISSION

The mission of the Liberty University School of Music is to train and equip musicians as Champions for Christ. While the School of Music has only one mission, two distinctly unique and focused purposes emerge: 1) The Center for Music and the Performing Arts – trains and equips passionate musicians as skilled performers and music education specialists; and, 2) The Center for Music and Worship – trains and equips highly skilled musicians to serve as worship practitioners and industry specialists in the evangelical community.

## Center for Music and the Performing Arts

### PURPOSE

The purpose of the *Center for Music and the Performing Arts* is to serve the School of Music by providing opportunities for musical performance, academic study and training of students in Music, Music Education, Applied Music Studies, Songwriting, Artist Development, Leadership Communications, Worship Studies, Commercial Music, and Music in World Cultures (Ethnomusicology).

The Center for Music and the Performing Arts achieves its purpose in these areas by: providing comprehensive training in music for those preparing for music careers (leading to a B.M. degree) in guitar, piano, string, vocal, woodwind, brass, or percussion performance; choral or instrumental music with a music education concentration; multi-discipline areas of music strategically geared to the market place; and, a liberal arts education with a music major. In

addition, the Center provides music minor curricula for those who wish to receive musical training on an elective basis.

Central to the Center's purpose is the development of aesthetically sensitive musicians, music educators, professional songwriters, artists, music missionaries, and skilled music performers who, with their skills, knowledge, and professional attitudes, may glorify God in the world through the practice of their craft and the testimony of their lives.

The *Department of Music* serves the Center for Music and the Performing Arts by providing training and sequenced skill-based education in all levels of music theory, harmonic practices, aural skills, form and analysis, musicianship, conducting, composition, music history and discipline specific music literature and pedagogy courses. Performance groups affiliated with the Department of Music include: the University Chorale, The Concert Choir, Chamber Singers, Percussion Ensemble, Guitar Ensembles, and Liberty University Symphony Orchestra. In addition, the department supervises undergraduate degrees in world music. This study incorporates Music and World Culture into the total music discipline and provides Liberty University music students opportunity to engage in the music of various cultures through: field experiences; ethnic ensembles; studies in ethnomusicology; and, the discovery of regional music practices around the globe.

The *Department of Music Education* serves the Center for Music and the Performing Arts by providing training for students preparing for career opportunities in elementary and secondary school settings. The department provides opportunity for students to learn how to apply learned principles of "Praxis methodology" to all areas of music education, supervises the *practice teaching* program in area elementary and secondary schools, and provides highly specialized training in voice, guitar, piano, wind, string, and percussion.

The *Department of Applied Music Studies* serves the Center for Music and the Performing Arts by providing training and supervision of the performance and applied music studies in the Bachelor of Music, Bachelor of Arts and Bachelor of Science degrees. Faculties serving in this department touch and influence the lives of every person doing some type of undergraduate major in music.

The *Department of University Bands* represents the Center for Music and the Performing Arts through the Liberty University Marching Band; the Spirit Band; the Liberty University Wind Ensemble; the University Band; and the Jazz Band. All of these performing groups represent the university in various public relation capacities, including regular performances by the University Marching Band at Liberty University football games and The Spirit Band at Liberty University basketball games.

## PROGRAMS OF STUDY

There are a variety of undergraduate degrees in music from which to choose, including: B.A. or B.S. in Music; five B.M. Performance degrees; five Professional Multi-Discipline B.M. degrees; two degrees in Music Education Studies; a degree in Commercial Music with two concentrations; and, the music minor. These programs of study are designed to equip graduating students to enter the market place as skilled music professionals in each of their strategic area of interest.

All music programs require the student to select a primary and secondary performance area (keyboard, non-keyboard instruments, voice, or songwriting). Students doing special studies in music education must select either the choral or instrumental music major with a concentration in music education and complete rigorous studies in elementary and secondary education.

The *School of Music Student Handbook* is available online to assist students in understanding every aspect of the various music programs at Liberty University.

Students are encouraged to audition for faculty members: 1) during the College for a Weekend (CFAW) activities; 2) by individual appointment throughout the school year; or 3) by sending a DVD of student performance to the School of Music offices. A music audition is not required for admission to the university, but is important for evaluation of a student's potential for success in the pursuit of a music degree, placement for applied lessons, scholarship consideration, and for participation in one of the major ensembles or chamber groups.

All students pursuing any music degree must complete a piano proficiency exam before graduation, present a senior recital, and register attendance at a specific number of approved concerts and/or student recitals. (The number of concerts and recitals varies according to the degree emphasis. See the *School of Music Student Handbook* for more information.)

### Career Opportunities

#### B.M. Degree Programs:

Commercial Music Sales	Music Performer
Minister of Music	Private Studio Instructor
Music Educator	Professional Musician

#### Professional Multi Discipline B.M. Degree Program:

Songwriter	Director of Music Organization
Artist	Worship Leader
Ethnomusicologist	Minister of Music

#### B.M. in Choral or Instrumental Music with Music Education Concentration:

##### Elementary School

General Music Instructor	Instrumental Instructor
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##### Middle School

Band Director	General Music Instructor
Choral Director	Orchestra Director

##### High School

Band Director	Orchestra Director
Choral Director	

## LIBERAL ARTS DEGREES IN MUSIC

### Music Major (B.A./B.S.) Instrumental

#### PURPOSE

The purpose of the B.A./B.S. in Music with an emphasis in instrumental music is to provide for the student opportunity to complete studies in music while earning a liberal arts degree. Students may elect to place special emphasis on guitar, strings, piano, woodwind, brass or percussion.

Those completing the 128-hour B.A. in Music are required to complete a minimum of 12 credits in an approved foreign language. An additional 6 hours of "Integrative Studies" affords these students opportunity to broaden their course offerings while completing a liberal arts degree with a major in music.

The B.S. in Music with an emphasis in instrumental studies does not require any foreign language. This 120-hour degree gives students opportunity to include 10-14 hours in an elective discipline. Students may choose instrumental or choral techniques courses as part of these electives.

The student is required to complete a keyboard proficiency, attend 56 approved concerts and recitals, maintain a minimum GPA of 2.00 in music courses and complete the Sophomore Performance Review.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.

2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.

### Programs of Study

#### Music Major (B.A.) Music Instrumental

##### General Education: Core Competency Requirements (52-59 hrs)

##### Liberal Arts Focus (18 hrs)

##### Music Instrumental (54-56 hrs) Major Area (21 hrs)

MUSC 141	or 151 (FR)	1
MUSC 142	or 152 (FR)	1
MUSC 241	or 251 (SO)	1
MUSC 242	or 252 (SO)	1
MUSC 341	or 351 (JR)	1
MUSC 342	or 352 (JR)	1
MUSC 441	or 451 (SR)	1
MUSC 301,	304, 305, 308, 375, or 477	3
	(select according to discipline)	
MUSC 364	<i>Contemporary Styles Survey I</i>	1
MUSC 365	<i>Contemporary Styles Survey II</i>	1
MUSC 498	<i>Senior Recital</i>	1
	<b>Ensemble ++</b>	
MUSC 184, 185, or 194		1
MUSC 184, 185, or 194		1
MUSC 184, 185, or 194		1
MUSC 184, 185, or 194		1
MUSC 484, 485, or 494		1
MUSC 484, 485, or 494		1
MUSC 484, 485, or 494		1
MUSC 484, 485, or 494		1
	<b>Musicianship (33-35 hrs)</b>	
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	or 205	2-3
MUSC 204	or 206	2-3
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 310	<i>Principles of Arranging</i>	3
MUSC 311	<i>Music History (Antiquity – 1750)</i>	3
MUSC 315	<i>Basic Conducting</i>	2
MUSC 316	or 317	2
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
	<b>Secondary Study</b>	
MUSC 112	<i>Group Piano II</i>	1
MUSC 243	<i>Group Piano III</i>	1
MUSC 244	<i>Group Piano IV</i>	1
MUSC 345	<i>Group Piano V</i>	1
	<b>Directed Courses (required) (3-12 hrs)*</b>	
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 312	<i>Music History (Since 1750)</i>	3
MUSC 314	<i>Music in World Cultures</i>	3
MUSC 213	or 371	3

++ Piano students should take 3 semesters or Choir, 2 semesters of Instrumental Chamber Ensembles, and 2 semesters of Classical or Contemporary Ensembles. String students should take MUSC 185 and 485 for all ensembles. Non-string instrumental students should take 7 semesters of instrumental ensembles. Guitar students should take 2 semesters of Choir and 5 semesters of MUSC 179 and 479 Guitar Ensembles

\* These courses are approved General Education courses and may be counted in the Core Competency requirements

#### Additional Requirements for Major:

- Keyboard Proficiency Exam
- Freshman Promotional Jury
- Sophomore Performance Review



Attendance at 56 approved concerts and recitals Must have a minimum GPA of 2.00 for all MUSC courses
<b>TOTAL HOURS:</b> 127 hours minimum required; 41 hours must be 300-400 level.

**Music Major (B.S.) Music Instrumental**

**General Education: Core Competency Requirements (58-65 hrs)**

**Music Instrumental (51-53 hrs) Major Area (21 hrs)**

MUSC 141 or 151 (FR)	1
MUSC 142 or 152 (FR)	1
MUSC 241 or 251 (SO)	1
MUSC 242 or 252 (SO)	1
MUSC 341 or 351 (JR)	1
MUSC 342 or 352 (JR)	1
MUSC 441 or 451 (SR)	1
MUSC 301, 304, 305, 308, 375, or 477 (select according to discipline)	3
MUSC 364 <i>Contemporary Styles Survey I</i>	1
MUSC 365 <i>Contemporary Styles Survey II</i>	1
MUSC 498 <i>Senior Recital</i>	1

**Ensemble ++**

MUSC 184, 185, or 194	1
MUSC 184, 185, or 194	1
MUSC 184, 185, or 194	1
MUSC 184, 185, or 194	1
MUSC 484, 485, or 494	1
MUSC 484, 485, or 494	1
MUSC 484, 485, or 494	1
MUSC 484, 485, or 494	1
MUSC 484, 485, or 494	1

**Musicianship (30-32 hrs)**

MUSC 105 <i>Harmonic Practices and Theory I</i>	3
MUSC 106 <i>Harmonic Practices and Theory II</i>	3
MUSC 107 <i>Musicianship I</i>	1
MUSC 108 <i>Musicianship II</i>	1
MUSC 203 or 205	2-3
MUSC 204 or 206	2-3
MUSC 207 <i>Musicianship III</i>	1
MUSC 208 <i>Musicianship IV</i>	1
MUSC 310 <i>Principles of Arranging</i>	3
MUSC 315 <i>Basic Conducting</i>	2
MUSC 316 or 317	2
MUSC 330 <i>Music Technology I: Notation</i>	3
MUSC 360 <i>Contemporary Improvisation Techniques</i>	2

**Secondary Study**

MUSC 112 <i>Group Piano II</i>	1
MUSC 243 <i>Group Piano III</i>	1
MUSC 244 <i>Group Piano IV</i>	1
MUSC 345 <i>Group Piano V</i>	1

**Directed Courses (required) (0-12 hrs)\***

MUSC 200 <i>Music, Art, Worship and Culture</i>	3
MUSC 311 <i>Music History (Antiquity – 1750)</i>	3
MUSC 312 <i>Music History (Since 1750)</i>	3
MUSC 213, 314, or 371	3

**Free Electives (11 hrs) [10 must be upper level]**

++ Piano students should take 3 semesters or Choir, 2 semesters of Instrumental Chamber Ensembles, and 2 semesters of Classical or Contemporary Ensembles. String students should take MUSC 185 and 485 for all ensembles. Non-string instrumental students should take 7 semesters of instrumental ensembles. Guitar students should take 2 semesters of Choir and 5 semesters of MUSC 179 and 479 Guitar Ensembles

\* These courses are approved General Education courses and may be counted in the Core Competency requirements

**Additional Requirements for Major:**

- Keyboard Proficiency Exam
- Freshman Promotional Jury
- Sophomore Performance Review
- Attendance at 56 approved concerts and recitals
- Must have a minimum GPA of 2.00 for all MUSC courses

<b>TOTAL HOURS:</b> 120 hours minimum required; 42 hours must be 300-400 level.
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**Music Major (B.A./B.S.) Vocal**

**PURPOSE**

The purpose of the B.A./B.S. in Music with an emphasis in vocal music is to provide for the student opportunity to complete studies in music while earning a liberal arts degree.

Those completing the 128-hour B.A. in Music are required to complete a minimum of 12 credits in an approved foreign language. An additional 6 hours of “Integrative Studies” affords these students opportunity to broaden their course offerings while completing a liberal arts degree with a major in music.

The B.S. in Music with an emphasis in vocal studies does not require any foreign language. This 120-hour degree gives students opportunity to include 10-14 hours in an elective discipline. Students may choose instrumental or choral techniques courses as part of these electives.

The student is required to complete a keyboard proficiency, attend 56 approved concerts and recitals, maintain a minimum GPA of 2.00 in music courses and complete the Sophomore Performance Review.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.

**Programs of Study**

**Music Major (B.A.) Music Vocal**

**General Education: Core Competency Requirements (52-59 hrs)**

**Liberal Arts Focus (18 hrs)**

**Music Vocal (54-56 hrs) Major Area (24 hrs)**

MUSC 121 <i>Private Voice</i> (FR)	1
MUSC 122 <i>Private Voice</i> (FR)	1
MUSC 221 <i>Private Voice</i> (SO)	1
MUSC 222 <i>Private Voice</i> (SO)	1
MUSC 321 <i>Private Voice</i> (JR)	1
MUSC 322 <i>Private Voice</i> (JR)	1
MUSC 421 <i>Private Voice</i> (SR)	1
MUSC 364 <i>Contemporary Styles Survey I</i>	1
MUSC 365 <i>Contemporary Styles Survey II</i>	1
MUSC 393 <i>Vocal Diction</i>	3
MUSC 408 <i>Vocal Pedagogy</i>	3
MUSC 498 <i>Senior Recital</i>	1

**Ensemble**

MUSC 178, 180, 181, or 182	1
MUSC 180, 181, 182, or 289	1
MUSC 180, 181, 182, or 289	1
MUSC 180, 181, 182, or 389	1
MUSC 480, 481, or 482	1
MUSC 480, 481, or 482	1
MUSC 480, 481, or 482	1
MUSC 480, 481, or 482	1

**Musicianship (30-32 hrs)**

MUSC 105 <i>Harmonic Practices and Theory I</i>	3
MUSC 106 <i>Harmonic Practices and Theory II</i>	3
MUSC 107 <i>Musicianship I</i>	1
MUSC 108 <i>Musicianship II</i>	1
MUSC 203 or 205	2-3
MUSC 204 or 206	2-3
MUSC 207 <i>Musicianship III</i>	1
MUSC 208 <i>Musicianship IV</i>	1
MUSC 311 <i>Music History (Antiquity – 1750)</i>	3
MUSC 315 <i>Basic Conducting</i>	2

MUSC 316	<i>Choral Conducting</i>	2
MUSC 318	<i>Choral Arranging</i>	2
MUSC 330	<i>Music Technology I: Notation</i>	3
<b>Secondary Study</b>		
MUSC 112	<i>Group Piano II</i>	1
MUSC 243	<i>Group Piano III</i>	1
MUSC 244	<i>Group Piano IV</i>	1
MUSC 345	<i>Group Piano V</i>	1
<b>Directed Courses (required) (3-12 hrs)*</b>		
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 312	<i>Music History (Since 1750)</i>	3
MUSC 314	<i>Music in World Cultures</i>	3
MUSC 213	or 371	3
* These courses are approved General Education courses and may be counted in the Core Competency requirements		
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Freshman Promotional Jury		
Sophomore Performance Review		
Attendance at 56 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
<b>TOTAL HOURS:</b> 127 hours minimum required; 41 hours must be 300-400 level.		

<b>Music Major (B.S.) Music Vocal</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Music Vocal (51-53 hrs) Major Area (24 hrs)</b>		
MUSC 121	<i>Private Voice (FR)</i>	1
MUSC 122	<i>Private Voice (FR)</i>	1
MUSC 221	<i>Private Voice (SO)</i>	1
MUSC 222	<i>Private Voice (SO)</i>	1
MUSC 321	<i>Private Voice (JR)</i>	1
MUSC 322	<i>Private Voice (JR)</i>	1
MUSC 421	<i>Private Voice (SR)</i>	1
MUSC 364	<i>Contemporary Styles Survey I</i>	1
MUSC 365	<i>Contemporary Styles Survey II</i>	1
MUSC 393	<i>Vocal Diction</i>	3
MUSC 408	<i>Vocal Pedagogy</i>	3
MUSC 498	<i>Senior Recital</i>	1
<b>Ensemble</b>		
MUSC 178, 180, 181, or 182		1
MUSC 180, 181, 182, or 289		1
MUSC 180, 181, 182, or 289		1
MUSC 180, 181, 182, or 389		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
<b>Musicianship (27-29 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	or 205	2-3
MUSC 204	or 206	2-3
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 316	<i>Choral Conducting</i>	2
MUSC 318	<i>Choral Arranging</i>	2
MUSC 330	<i>Music Technology I: Notation</i>	3
<b>Secondary Study</b>		
MUSC 112	<i>Group Piano II</i>	1
MUSC 243	<i>Group Piano III</i>	1
MUSC 244	<i>Group Piano IV</i>	1
MUSC 345	<i>Group Piano V</i>	1
<b>Directed Courses (required) (0-12 hrs)*</b>		
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 311	<i>Music History (Antiquity – 1750)</i>	3

MUSC 312	<i>Music History (Since 1750)</i>	3
MUSC 213, 314, or 371		3
<b>Free Electives (11 hrs)* [10 must be upper level]</b>		
* These courses are approved General Education courses and may be counted in the Core Competency requirements		
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Freshman Promotional Jury		
Sophomore Performance Review		
Attendance at 56 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
<b>TOTAL HOURS:</b> 120 hours minimum required; 42 hours must be 300-400 level.		

**PERFORMANCE DEGREES**

**PURPOSE**

Liberty University offers five highly professional Bachelor of Music degrees that uniquely equip students as skilled performers and music practitioners. These include: B.M. in Guitar Performance; B.M. in Piano; B.M. in String Performance; B.M. in Vocal Performance; and, B.M. in Woodwind, Brass or Percussion Performance. All degrees in this area of study include 24 – 26 hours of applied music studies, two semesters of conducting, music technology, and contemporary styles survey. At least 65% of the degree is specifically devoted to music studies on one level or another.

The student is required to complete a keyboard proficiency, attend 56 approved concerts and recitals, maintain a minimum GPA of 2.00 in music courses and complete the Sophomore Performance Review.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.
5. Demonstrate advanced performance skills in appropriate performance media.

**Guitar Performance Major (B.M.)  
Program of Study**

<b>Guitar Performance Major (B.M.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Guitar Performance (73-76 hrs) Core Courses (37-40 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	or 205	2-3
MUSC 204	or 206	2-3
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 317	<i>Instrumental Conducting</i>	2
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
MUSC 364	<i>Contemporary Styles Survey I</i>	1
MUSC 365	<i>Contemporary Styles Survey II</i>	1
MUSC 381	<i>Guitar Literature</i>	2
MUSC 477	<i>Guitar Pedagogy</i>	3
MUSC 398	<i>Junior Recital</i>	1
MUSC 498	<i>Senior Recital</i>	1
MUSC 309	or 310	3

MUSC 306, 316, or 331	2-3
<b>Ensemble (10 hrs)</b>	
MUSC 178, 180, 181, 182, 183, 184, 185, or 194	1
MUSC 180, 181, 182, 183, 184, 185, or 194	1
MUSC 179 <i>Classical Guitar Ensemble I</i>	1
MUSC 179 <i>Classical Guitar Ensemble I</i>	1
MUSC 479 <i>Classical Guitar Ensemble II</i>	1
MUSC 479 <i>Classical Guitar Ensemble II</i>	1
MUSC 479 <i>Classical Guitar Ensemble II</i>	1
MUSC 479 <i>Classical Guitar Ensemble II</i>	1
<b>Chamber Music</b>	
MUSC 193 <i>Chamber Music Ensemble I</i>	1
MUSC 493 <i>Chamber Music Ensemble II</i>	1
<b>Applied Music Studies (26 hrs)</b>	
MUSC 151 <i>Guitar, Strings, Brass, Woodwinds, Percussion (FR)</i>	1
MUSC 152 (FR)	3
MUSC 251 (SO)	3
MUSC 252 (SO)	3
MUSC 351 (JR)	3
MUSC 352 (JR)	3
MUSC 451 (SR)	3
MUSC 452 (SR)	3
<b>Secondary Study</b>	
MUSC 112 <i>Group Piano II</i>	1
MUSC 243 <i>Group Piano III</i>	1
MUSC 244 <i>Group Piano IV</i>	1
MUSC 345 <i>Group Piano V</i>	1
<b>Directed Courses (required) (0-12 hrs)*</b>	
MUSC 200 <i>Music, Art, Worship and Culture</i>	3
MUSC 311 <i>Music History (Antiquity-1750)</i>	3
MUSC 312 <i>Music History (Since 1750)</i>	3
MUSC 213, 314, or 371	3
* These courses are approved General Education courses and may be counted in the Core Competency requirements	
<b>Additional Requirements for Major:</b>	
Keyboard Proficiency Exam	
Freshman Promotional Jury	
Sophomore Performance Review	
Attendance at 56 approved concerts and recitals	
Must have a minimum GPA of 2.00 for all MUSC courses	
<b>TOTAL HOURS:</b> 131 hours minimum required; 47 hours must be 300-400 level.	

**Piano Performance Major (B.M.)  
Program of Study**

<b>Piano Performance Major (B.M.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Piano Performance (70-74 hrs) Core Courses (36-40 hrs)</b>	
MUSC 105 <i>Harmonic Practices and Theory I</i>	3
MUSC 106 <i>Harmonic Practices and Theory II</i>	3
MUSC 107 <i>Musicianship I</i>	1
MUSC 108 <i>Musicianship II</i>	1
MUSC 203 or 205	2-3
MUSC 204 or 206	2-3
MUSC 207 <i>Musicianship III</i>	1
MUSC 208 <i>Musicianship IV</i>	1
MUSC 304 <i>Keyboard Pedagogy</i>	3
MUSC 391 <i>Keyboard Literature</i>	2
MUSC 315 <i>Basic Conducting</i>	2
MUSC 316 or 317	2
MUSC 330 <i>Music Technology I: Notation</i>	3
MUSC 360 <i>Contemporary Improvisation Techniques</i>	2
MUSC 364 <i>Contemporary Styles Survey I</i>	1
MUSC 365 <i>Contemporary Styles Survey II</i>	1
MUSC 398 <i>Junior Recital</i>	1
MUSC 498 <i>Senior Recital</i>	1
MUSC 306, 309, 310, 316, 317, 331, or 332	2-3

MUSC 306, 309, 310, 316, 317, 331, or 332	2-3
<b>Ensemble (10 hrs)</b>	
MUSC 180, 181, 182, 184, 185, or 194	1
MUSC 180, 181, 182, 184, 185, or 194	1
<b>Chamber Music</b>	
MUSC 193 <i>Chamber Music Ensemble I</i>	1
MUSC 183 or 193	1
MUSC 493 <i>Chamber Music Ensemble II</i>	1
MUSC 483 or 493	1
<b>Accompanying</b>	
MUSC 401 <i>Art of Accompaniment</i>	2
MUSC 404 <i>Accompanying I</i>	1
MUSC 405 <i>Accompanying II</i>	1
<b>Applied Music Studies (24 hrs)</b>	
MUSC 141 <i>Private Piano (FR)</i>	1
MUSC 142 (FR)	3
MUSC 241 (SO)	3
MUSC 242 (SO)	3
MUSC 341 (JR)	3
MUSC 342 (JR)	3
MUSC 441 (SR)	3
MUSC 442 (SR)	3
<b>Secondary Study</b>	
MUSC _____	1
MUSC _____	1
<b>Directed Courses (required) (0-12 hrs)*</b>	
MUSC 200 <i>Music, Art, Worship and Culture</i>	3
MUSC 311 <i>Music History (Antiquity-1750)</i>	3
MUSC 312 <i>Music History (Since 1750)</i>	3
MUSC 213, 314, or 371	3
* These courses are approved General Education courses and may be counted in the Core Competency requirements	
<b>Additional Requirements for Major:</b>	
Keyboard Proficiency Exam	
Freshman Promotional Jury	
Sophomore Performance Review	
Attendance at 56 approved concerts and recitals	
Must have a minimum GPA of 2.00 for all MUSC courses	
<b>TOTAL HOURS:</b> 128 hours minimum required; 46 hours must be 300-400 level.	

**String Performance Major (B.M.)  
Program of Study**

<b>String Performance Major (B.M.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>String Performance (74-77 hrs) Core Courses (36-39 hrs)</b>	
MUSC 105 <i>Harmonic Practices and Theory I</i>	3
MUSC 106 <i>Harmonic Practices and Theory II</i>	3
MUSC 107 <i>Musicianship I</i>	1
MUSC 108 <i>Musicianship II</i>	1
MUSC 203 or 205	2-3
MUSC 204 or 206	2-3
MUSC 207 <i>Musicianship III</i>	1
MUSC 208 <i>Musicianship IV</i>	1
MUSC 315 <i>Basic Conducting</i>	2
MUSC 317 <i>Instrumental Conducting</i>	2
MUSC 330 <i>Music Technology I: Notation</i>	3
MUSC 360 <i>Contemporary Improvisation Techniques</i>	2
MUSC 364 <i>Contemporary Styles Survey I</i>	1
MUSC 365 <i>Contemporary Styles Survey II</i>	1
MUSC 374 <i>String Techniques</i>	2
MUSC 375 <i>String Pedagogy</i>	3
MUSC 388 <i>String Literature</i>	2
MUSC 398 <i>Junior Recital</i>	1
MUSC 498 <i>Senior Recital</i>	1
MUSC 306, 309, 310, or 331	2-3
<b>Ensemble (12 hrs)</b>	
MUSC 185 <i>Symphony Orchestra I</i>	1

MUSC 185	<i>Symphony Orchestra I</i>	1
MUSC 185	<i>Symphony Orchestra I</i>	1
MUSC 185	<i>Symphony Orchestra I</i>	1
MUSC 485	<i>Symphony Orchestra II</i>	1
MUSC 485	<i>Symphony Orchestra II</i>	1
MUSC 485	<i>Symphony Orchestra II</i>	1
MUSC 485	<i>Symphony Orchestra II</i>	1
<b>Chamber Music</b>		
MUSC 193	<i>Chamber Music Ensemble I</i>	1
MUSC 193	<i>Chamber Music Ensemble I</i>	1
MUSC 493	<i>Chamber Music Ensemble II</i>	1
MUSC 493	<i>Chamber Music Ensemble II</i>	1
<b>Applied Music Studies (26 hrs)</b>		
MUSC 151	<i>Guitar, Strings, Brass, Woodwinds, Percussion (FR)</i>	1
MUSC 152	(FR)	3
MUSC 251	(SO)	3
MUSC 252	(SO)	3
MUSC 351	(JR)	3
MUSC 352	(JR)	3
MUSC 451	(SR)	3
MUSC 452	(SR)	3
<b>Secondary Study</b>		
MUSC 112	<i>Group Piano II</i>	1
MUSC 243	<i>Group Piano III</i>	1
MUSC 244	<i>Group Piano IV</i>	1
MUSC 345	<i>Group Piano V</i>	1
<b>Directed Courses (required) (0-12 hrs)*</b>		
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 311	<i>Music History (Antiquity-1750)</i>	3
MUSC 312	<i>Music History (Since 1750)</i>	3
MUSC 213, 314, or 371		3
* These courses are approved General Education courses and may be counted in the Core Competency requirements		
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Freshman Promotional Jury		
Sophomore Performance Review		
Attendance at 56 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
<b>TOTAL HOURS:</b> 132 hours minimum required; 47 hours must be 300-400 level.		

**Vocal Performance Major (B.M.)  
Program of Study**

<b>Vocal Performance Major (B.M.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Vocal Performance (72-77 hrs) Core Courses (38-43 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	or 205	2-3
MUSC 204	or 206	2-3
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 316	<i>Choral Conducting</i>	2
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 364	<i>Contemporary Styles Survey I</i>	1
MUSC 365	<i>Contemporary Styles Survey II</i>	1
MUSC 393	<i>Vocal Diction</i>	3
MUSC 407	<i>Solo Vocal Literature</i>	3
MUSC 408	<i>Vocal Pedagogy</i>	3
MUSC 470	<i>Opera Workshop I</i>	1-3
MUSC 471	<i>Opera Workshop II</i>	1-3
MUSC 398	<i>Junior Recital</i>	1
MUSC 498	<i>Senior Recital</i>	1

MUSC 306, 309, 310, or 331		2-3
<b>Ensemble (8 hrs)</b>		
MUSC 178, 180, 181, or 182		1
MUSC 180, 181, 182, or 289		1
MUSC 180, 181, or 182		1
MUSC 180, 181, or 182		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
<b>Applied Music Studies (26 hrs)</b>		
MUSC 121	<i>Private Voice (FR)</i>	1
MUSC 122	(FR)	3
MUSC 221	(SO)	3
MUSC 222	(SO)	3
MUSC 321	(JR)	3
MUSC 322	(JR)	3
MUSC 421	(SR)	3
MUSC 422	(SR)	3
<b>Secondary Study</b>		
MUSC 112	<i>Group Piano II</i>	1
MUSC 243	<i>Group Piano III</i>	1
MUSC 244	<i>Group Piano IV</i>	1
MUSC 345	<i>Group Piano V</i>	1
<b>Directed Courses (required) (0-12 hrs)*</b>		
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 311	<i>Music History (Antiquity-1750)</i>	3
MUSC 312	<i>Music History (Since 1750)</i>	3
MUSC 213, 314, or 371		3
* These courses are approved General Education courses and may be counted in the Core Competency requirements		
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Freshman Promotional Jury		
Sophomore Performance Review		
Attendance at 56 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
<b>TOTAL HOURS:</b> 130 hours minimum required; 47 hours must be 300-400 level.		

**Woodwind, Brass, or Percussion Performance Major (B.M.)**

**Program of Study**

<b>Woodwind, Brass, or Percussion Performance Major (B.M.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Woodwind, Brass, or Percussion Performance (74-77 hrs)</b>		
<b>Core Courses (36-39 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	or 205	2-3
MUSC 204	or 206	2-3
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 317	<i>Instrumental Conducting</i>	2
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 355, 357, or 363+ (Techniques)		2
MUSC 301, 305, or 308+ (Pedagogy)		3
MUSC 382, 383, or 384+ (Literature)		2
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
MUSC 364	<i>Contemporary Styles Survey I</i>	1
MUSC 365	<i>Contemporary Styles Survey II</i>	1
MUSC 398	<i>Junior Recital</i>	1
MUSC 498	<i>Senior Recital</i>	1
MUSC 306, 309, 310, or 331		2-3

<b>Ensemble (12 hrs)</b>	
MUSC 184, 185, or 194	1
MUSC 184, 185, or 194	1
MUSC 184, 185, or 194	1
MUSC 184, 185, or 194	1
MUSC 484, 485, or 494	1
MUSC 484, 485, or 494	1
MUSC 484, 485, or 494	1
MUSC 484, 485, or 494	1
<b>Chamber Music</b>	
MUSC 193 <i>Chamber Music Ensemble I</i>	1
MUSC 183, 186, 188, 192, or 193	1
MUSC 493 <i>Chamber Music Ensemble II</i>	1
MUSC 483, 486, 488, 492, or 493	1
<b>Applied Music Studies (26 hrs)</b>	
MUSC 151 <i>Guitar, Strings, Brass, Woodwinds, Percussion (FR)</i>	1
MUSC 152 (FR)	3
MUSC 251 (SO)	3
MUSC 252 (SO)	3
MUSC 351 (JR)	3
MUSC 352 (JR)	3
MUSC 451 (SR)	3
MUSC 452 (SR)	3
<b>Secondary Study</b>	
MUSC 112 <i>Group Piano II</i>	1
MUSC 243 <i>Group Piano III</i>	1
MUSC 244 <i>Group Piano IV</i>	1
MUSC 345 <i>Group Piano V</i>	1
<b>Directed Courses (required) (0-12 hrs)*</b>	
MUSC 200 <i>Music, Art, Worship and Culture</i>	3
MUSC 311 <i>Music History (Antiquity-1750)</i>	3
MUSC 312 <i>Music History (Since 1750)</i>	3
MUSC 213, 314, or 371	3
+ Select according to discipline	
* These courses are approved General Education courses and may be counted in the Core Competency requirements	
<b>Additional Requirements for Major:</b>	
Keyboard Proficiency Exam	
Freshman Promotional Jury	
Sophomore Performance Review	
Attendance at 56 approved concerts and recitals	
Must have a minimum GPA of 2.0 for all MUSC courses	
<b>TOTAL HOURS:</b> 132 hours minimum required; 47 hours must be 300-400 level.	

**PROFESSIONAL MULTI-DISCIPLINE  
MUSIC DEGREES**

**PURPOSE**

The purpose of the Professional Multi-Discipline Music Degree is to provide for the student opportunity to earn a professional degree in music while placing additional emphasis on an area “outside” of the performance discipline. These outside areas of study are usually market related and may or may not have connection to an area of music. Six Multi-discipline degrees are offered to the music student: B.M. in Artist Development; B.M. in Commercial Music; B.M. in Leadership Communication; B.M. in Music in World Cultures (Ethnomusicology); B.M. in Songwriting; and, B.M. in Worship Studies. At least 50% of this curriculum is devoted to serious music studies while a minimum of 15-18 credit hours includes studies in a second discipline.

Students pursuing the BM in Commercial Music degrees are required to successfully complete: a piano proficiency; attend 56 approved concerts and recitals; maintain a minimum GPA of 2.00 in all MUSC courses; successfully pass a Freshman Promotional Jury and Sophomore performance review; conducting; and, 12 hours in Directed Courses.

Students pursuing the BM in Artist Development, B.M. in Leadership Communication; B.M. in Music in World Cultures (Ethnomusicology); B.M. in Songwriting; or, B.M. in Worship Studies are required to successfully complete: a piano proficiency; attend 32 approved concerts and recitals; maintain a minimum GPA of 2.00 in all MUSC courses; an internship in the area of their second discipline; conducting; and, 9-12 hours in Directed Courses.

**Artist Development Major (B.M.)**

**PURPOSE**

The B.M. in Artist Development uniquely equips skilled musicians as a performing artist, contemporary music artist, member of a traveling band or music team; recording artist; or, for musical theater or opera stage. Included in this course of study are classes in Christian Music Industry, Artist Spiritual Formation, Songwriting, and Artist Presentation. Students enjoy personal instruction by long-time, seasoned industry professionals actively engaged in 21<sup>st</sup> century music industry business.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.
5. Demonstrate the processes involved in navigating within the music industry.

**Program of Study**

**Artist Development Major (B.M.)**

**General Education: Core Competency Requirements (58-65 hrs)**

**Artist Development (73 hrs) Major Area (19 hrs)**

MUSC 303	<i>Dynamics of Leading Vocal Team and Ensemble</i>	3
MUSC 372	<i>Christian Music Industry</i>	3
MUSC 373	<i>Artist Spiritual Formation</i>	3
MUSC 378	<i>Artist and Business Community</i>	3
MUSC 379	<i>Artist Presentation</i>	3
MUSC 396	<i>Junior Artist or Worship Program</i>	1
MUSC 436	<i>Christian Music Industry Seminar</i>	1
MUSC 436	<i>Christian Music Industry Seminar</i>	1
MUSC 496	<i>Senior Artist or Worship Program</i>	1

**Music Core (30 hrs)**

MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 201	<i>Creative Worship</i>	3
MUSC 202	<i>Old/New Testament Music and Worship</i>	3
MUSC 203	<i>Commercial Music Theory and Harmonic Practices I</i>	2
MUSC 204	<i>Commercial Music Theory and Harmonic Practices II</i>	2
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 323	<i>Leadership, Philosophy, Music and Organization</i>	3
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
MUSC 423	<i>Congregational Contextualization and Leadership</i>	3

**Practical Internships (5 hrs)**

MUSC 394	<i>Practicum I</i>	1
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MUSC 395 <i>Practicum II</i>	1
MUSC 499 <i>Internship</i>	3
<b>Ensemble (6 hrs)</b>	
MUSC 178, 180, 181, or 182	1
MUSC 180, 181, 182, or 189	1
MUSC 180, 181, 182, or 289	1
MUSC 180, 181, 182, or 289	1
MUSC 389, 480, 481, or 482 (or instrumental <sup>+</sup> )	1
MUSC 389, 480, 481, or 482 (or instrumental <sup>+</sup> )	1
<b>Applied Music Studies (13 hrs)</b>	
MUSC 121, 141, or 151 <sup>++</sup>	1
MUSC 122, 142, or 152 <sup>++</sup>	1
MUSC 221, 241, or 251 <sup>++</sup>	1
MUSC 222, 242, or 252 <sup>++</sup>	1
MUSC 321, 341, or 351 <sup>++</sup>	1
MUSC 322, 342, or 352 <sup>++</sup>	1
MUSC 421, 441, or 451 <sup>++</sup>	1
MUSC 422, 442, or 452 <sup>++</sup>	1
MUSC 498 <i>Senior Recital</i>	1
<b>Secondary</b>	
MUSC 112, 120, or 150 <sup>++</sup>	1
MUSC 220, 243, or 250 <sup>++</sup>	1
MUSC 244, 320, or 350 <sup>++</sup>	1
MUSC 345, 420, or 450 <sup>++</sup>	1
<b>Directed Courses (required) (0-12 hrs)*</b>	
MUSC 200 <i>Music, Art, Worship and Culture</i>	3
MUSC 313 <i>History of Music and Worship</i>	3
MUSC 314 <i>Music in World Cultures</i>	3
MUSC 371 <i>Survey of Songwriting Literature</i>	3
<sup>+</sup> Select between MUSC 179, 183, 184, 185, 187, or 194	
<sup>++</sup> Approved instrument	
* These courses are approved General Education courses and may be counted in the Core Competency requirements	
<b>Additional Requirements for Major:</b>	
Keyboard Proficiency Exam	
Freshman Promotional Jury	
Sophomore Performance Review	
Attendance at 32 approved concerts and recitals	
Must have a minimum GPA of 2.00 for all MUSC courses	
<b>TOTAL HOURS:</b> 131 hours minimum required; 51 hours must be 300-400 level.	

### Commercial Music Major (B.M.)

#### PURPOSE

The BM in Commercial Music degree is designed to provide four essentials needed for successful development as a musician training for a career in the commercial music industry: 1) Core studies in Commercial Music Studies, including: Music Theory and Musicianship, Music Technology, and introductory Business concepts for the Commercial Musician; 2) Ensemble Experience; 3) Applied instruction on primary and secondary instruments; 4) Studies in the specialized concentrations in Jazz Studies or Film Scoring (Film and Media).

Commercial music programs have grown in influence and popularity over the past four decades. Liberty University School of Music has answered this call by designing two programs of study that will have immediate appeal to the student seeking employment in the Jazz Music Community and film industry. We believe scores of notable musicians will graduate from this program and move right into the commercial music field as composers and/or performers. Liberty University adds to this growing discipline preparation to meet the challenges of the culture with a Biblically-centered worldview.

With the establishment of the Zaki Gordon Center for Cinematic Arts, a fresh new approach to film making and industry influence has emerged. As a complement to the substantial efforts of this new film division, the School of Music has developed a degree in Commercial Music for the purpose of equipping skilled musicians to work closely with these new Christian filmmakers to produce Christian-based film that will impact the culture and the

world for Christ. Many of the current film composers and studio performers have studied in this type of music program. It is our belief that our graduates will possess the same standard of skill and will bring the unique mission of Liberty University to the world through the Commercial Music field, as stage performers, studio musicians, composers, and arrangers.

The emphasis of a Commercial Music degree taught with a specifically Christian Worldview, by professors committed to sound conservative Evangelical theology sets Liberty University's program apart, providing a significant influence in the commercial music industry.

Three strategic target audiences are served by this degree:

1. Students interested in Jazz Studies in a conservative evangelical university.
2. Students interested in writing music for film or music for short films for worship.
3. Students interested in a diversified, commercial approach to music.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Apply traditional and commercial music principles in music literature, and music theory.
2. Evaluate music and music research materials.
3. Integrate Christian faith into the discipline of commercial music.

#### Film Scoring Concentration (Film and Media)

The student will be able to:

1. Compose music soundtracks with electronic instruments and traditional acoustic instruments for commercial media.
2. Create commercial music projects that involve syncing music to film.

#### Jazz Studies Concentration

The student will be able to:

1. Arrange commercial music in a jazz style.
2. Perform written and improvised commercial music in a jazz style.

### Program of Study

Commercial Music Major (B.M.)		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses (26 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	<i>Commercial Music Theory and Harmonic Practices I</i>	2
MUSC 204	<i>Commercial Music Theory and Harmonic Practices II</i>	2
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 310	<i>Principles of Arranging</i>	3
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 378	<i>Artist and Business Community</i>	3
CINE 271	<i>Introduction to Pro Tools – OR</i>	3
MUSC 334	<i>Music Technology II</i>	
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Freshman Promotional Jury		
Sophomore Performance Review		
Attendance at 56 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
Choose one of the following concentrations: Film Scoring (Film and Media), Jazz Studies.		

<b>Commercial Music Major (B.M.) Film Scoring (Film and Media) Concentration</b>	
<b>Courses in the Major (76-77 hrs)</b>	
<b>Film Scoring Concentration (23-24 hrs)</b>	
MUSC 309	Orchestration 3
MUSC 315	Basic Conducting 2
MUSC 335	Introduction to Film Scoring 3
MUSC 336	Orchestration for Film and Media 3
MUSC 337	Scoring Techniques for Film and Media 3
MUSC 338	Groove Writing 2
MUSC 396	Junior Artist or Worship Program 1
MUSC 496	Senior Artist or Worship Program 1
MUSC 499	Internship 3
MUSC 306,	317, 360, or 366 2-3
<b>Ensemble (4 hrs)</b>	
MUSC 1	1
MUSC 1	1
MUSC 4	1
MUSC 4	1
<b>Applied Music Studies (23 hrs)</b>	
MUSC 133	Contemporary Techniques in Composition I 1
MUSC 139	Contemporary Techniques in Composition II 1
MUSC 233	Private Composition (SO) 1
MUSC 239	Private Composition (SO) 1
MUSC 333	Private Composition (JR) 3
MUSC 339	Private Composition (JR) 3
MUSC 433	Private Composition (SR) 3
MUSC 439	Private Composition (SR) 3
<b>Primary Instrument Study</b>	
MUSC 121,	141, or 151 <sup>+</sup> (FR) 1
MUSC 221,	241, or 251 <sup>+</sup> (SO) 1
MUSC 222,	242, or 252 <sup>+</sup> (SO) 1
MUSC 321,	341, or 351 <sup>+</sup> (JR) 1
MUSC 322,	342, or 352 <sup>+</sup> (JR) 1
MUSC 421,	441, or 451 <sup>+</sup> (SR) 1
MUSC 398	Junior Recital 1
<b>Directed Courses (required) (0-12 hrs)*</b>	
MUSC 200	Music, Art, Worship and Culture 3
MUSC 311	Music History (Antiquity-1750) 3
MUSC 312	Music History (Since 1750) 3
MUSC 213,	314, or 371 3
<sup>+</sup> Approved instrument	
* These courses are approved General Education courses and may be counted in the Core Competency requirements	
<b>TOTAL HOURS:</b> 134 hours minimum required; 56 hours must be 300-400 level.	

<b>Commercial Music Major (B.M.) Jazz Studies Concentration</b>	
<b>Courses in the Major (74 hrs)</b>	
<b>Jazz Studies Concentration (22 hrs)</b>	
MUSC 326	History of Jazz 3
MUSC 327	Jazz Styles and Analysis 3
MUSC 360	Contemporary Improvisation Techniques 2
MUSC 364	Contemporary Styles Survey I 1
MUSC 365	Contemporary Styles Survey II 1
MUSC 366	Jazz Arranging 3
MUSC 367	Jazz Pedagogy 3
MUSC 143	Jazz Improvisation and Lab I 3
MUSC 343	Jazz Improvisation and Lab II 3
<b>Ensemble (12 hrs)</b>	
MUSC 183	Jazz Ensemble I 3
MUSC 183	Jazz Ensemble I 3
MUSC 183	Jazz Ensemble I 3
MUSC 183	Jazz Ensemble I 3
MUSC 483	Jazz Ensemble II 3
MUSC 483	Jazz Ensemble II 3
MUSC 483	Jazz Ensemble II 3

MUSC 483	Jazz Ensemble II	3
<b>Chamber Music</b>		
MUSC 193	Chamber Music Ensemble I	1
MUSC 193	Chamber Music Ensemble I	1
MUSC 493	Chamber Music Ensemble II	1
MUSC 493	Chamber Music Ensemble II	1
<b>Applied Music Studies (14 hrs)</b>		
MUSC 121,	141, or 151 <sup>+</sup> (FR)	1
MUSC 122,	142, or 152 <sup>+</sup> (FR)	1
MUSC 221,	241, or 251 <sup>+</sup> (SO)	1
MUSC 222,	242, or 252 <sup>+</sup> (SO)	1
MUSC 321,	341, or 351 <sup>+</sup> (JR)	1
MUSC 322,	342, or 352 <sup>+</sup> (JR)	1
MUSC 421,	441, or 451 <sup>+</sup> (SR)	1
MUSC 422,	442, or 452 <sup>+</sup> (SR)	1
MUSC 398	Junior Recital	1
MUSC 498	Senior Recital	1
<b>Secondary</b>		
MUSC 112,	150, approved instrument	1
MUSC 243,	250, approved instrument	1
MUSC 247	(non-pianists) or 248 (pianists)	1
MUSC 347	(non-pianists) or 348 (pianists)	1
<b>Directed Courses (required) (0-12 hrs)*</b>		
MUSC 200	Music, Art, Worship and Culture	3
MUSC 213	Survey of Popular and Jazz Music Literature	3
MUSC 311	Music History (Antiquity-1750)	3
MUSC 312	Music History (Since 1750)	3
<sup>+</sup> Approved instrument		
* These courses are approved General Education courses and may be counted in the Core Competency requirements		
<b>TOTAL HOURS:</b> 132 hours minimum required; 47 hours must be 300-400 level.		

### Leadership Communication Major (B.M.)

#### PURPOSE

The B.M. in Leadership Communication is designed to equip students as qualified managers and administrators of people in a variety of settings, including but not limited to: Music Director in conference and convention settings; Staff Manager for music business or music theater; or, Program Director for music productions. In addition to professional courses in music, the School of Music partners with the School of Communication and Creative Arts in providing for the student unique courses in persuasion, personal communication and small group communication. All in all, the B.M. in Leadership Communication is a practical degree that affords students a unique opportunity for career preparation in the dynamic and changing 21<sup>st</sup> century music environment.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.
5. Integrate principles of leadership management and administration in various musical settings.

#### Program of Study

<b>Leadership Communication Major (B.M.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Leadership Communication (73 hrs) Major Area (18 hrs)</b>	
MUSC 302	Dynamics of Leading Instrumental Music 3
MUSC 303	Dynamics of Leading Vocal Team and Ensemble 3

SCOM 325	<i>Interpersonal Communication</i>	3
SCOM 330	<i>Small Group Communication</i>	3
SCOM 345	<i>Persuasion</i>	3
SCOM 490	<i>Crisis Communication</i>	3
<b>Music Core (28 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 201	<i>Creative Worship</i>	3
MUSC 202	<i>Old/New Testament Music and Worship</i>	3
MUSC 203	<i>Commercial Music Theory and Harmonic Practices I</i>	2
MUSC 204	<i>Commercial Music Theory and Harmonic Practices II</i>	2
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 323	<i>Leadership, Philosophy, Music and Organization</i>	3
MUSC 423	<i>Congregational Contextualization and Leadership</i>	3
<b>Practical Internships (5 hrs)</b>		
MUSC 394	<i>Practicum I</i>	1
MUSC 395	<i>Practicum II</i>	1
MUSC 499	<i>Internship</i>	3
<b>Ensemble (6 hrs)</b>		
MUSC 178, 180, 181, or 182		1
MUSC 180, 181, 182, or 189		1
MUSC 180, 181, 182, or 289		1
MUSC 180, 181, 182, or 289		1
MUSC 389, 480, 481, or 482 (or instrumental <sup>+</sup> )		1
MUSC 389, 480, 481, or 482 (or instrumental <sup>+</sup> )		1
<b>Applied Music Studies (16 hrs)</b>		
MUSC 396	<i>Junior Artist or Worship Program</i>	1
MUSC 398	<i>Junior Recital</i>	1
MUSC 496	<i>Senior Artist or Worship Program</i>	1
MUSC 498	<i>Senior Recital</i>	1
MUSC 121, 141, or 151 <sup>++</sup>		1
MUSC 122, 142, or 152 <sup>++</sup>		1
MUSC 221, 241, or 251 <sup>++</sup>		1
MUSC 222, 242, or 252 <sup>++</sup>		1
MUSC 321, 341, or 351 <sup>++</sup>		1
MUSC 322, 342, or 352 <sup>++</sup>		1
MUSC 421, 441, or 451 <sup>++</sup>		1
MUSC 422, 442, or 452 <sup>++</sup>		1
<b>Secondary</b>		
MUSC 112, 120, or 150 <sup>++</sup>		1
MUSC 220, 243, or 250 <sup>++</sup>		1
MUSC 244, 320, or 350 <sup>++</sup>		1
MUSC 345, 420, or 450 <sup>++</sup>		1
<b>Directed Courses (required) (0-9 hrs)*</b>		
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 313	<i>History of Music and Worship</i>	3
MUSC 314	<i>Music in World Cultures</i>	3
<sup>+</sup> Select between MUSC 179, 183, 184, 185, 187, or 194		
<sup>++</sup> Approved instrument		
* These courses are approved General Education courses and may be counted in the Core Competency requirements		
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Freshman Promotional Jury		
Sophomore Performance Review		
Attendance at 32 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
<b>TOTAL HOURS:</b> 131 hours minimum required; 46 hours must be 300-400 level.		

**Songwriting Major (B.M.)****PURPOSE**

Recognizing that the craft of writing song for public consumption has become a major part of 21<sup>st</sup> century culture, Liberty University School of Music has designed a practical, praxis oriented, discipline specific course of study in songwriting. The B.M. in Songwriting is uniquely designed to prepare students to write song for: popular music rock band and singing groups; contemporary commercial musicals and plays; contemporary Christian music groups; and, music recording and publication. Students also learn to write original songs for a variety of stylistic genre and performance setting.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.
5. Demonstrate the process of writing, preparing and presenting a song for professional publication.

**Program of Study****Songwriting Major (B.M.)****General Education: Core Competency Requirements (58-65 hrs)****Songwriting (73 hrs) Major Area (19 hrs)**

MUSC 310	<i>Principles of Arranging</i>	3
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 334	<i>Music Technology II: Sequencing</i>	3
MUSC 372	<i>Christian Music Industry</i>	3
MUSC 376	<i>Principles of Songwriting I</i>	2
MUSC 377	<i>Principles of Songwriting II</i>	1
MUSC 396	<i>Junior Artist or Worship Program</i>	1
MUSC 436	<i>Christian Music Industry Seminar</i>	1
MUSC 436	<i>Christian Music Industry Seminar</i>	1
MUSC 496	<i>Senior Artist or Worship Program</i>	1

**Music Core (30 hrs)**

MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 201	<i>Creative Worship</i>	3
MUSC 202	<i>Old and New Testament Music and Worship</i>	3
MUSC 203	<i>Commercial Music Theory and Harmonic Practices I</i>	2
MUSC 204	<i>Commercial Music Theory and Harmonic Practices II</i>	2
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 323	<i>Leadership, Philosophy, Music and Organization</i>	3
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
MUSC 423	<i>Congregational Contextualization and Leadership</i>	3

**Practical Internships (5 hrs)**

MUSC 394	<i>Practicum I</i>	1
MUSC 395	<i>Practicum II</i>	1
MUSC 499	<i>Internship</i>	3

**Ensemble (6 hrs)**

MUSC 178, 180, 181, or 182		1
MUSC 180, 181, 182, or 189		1
MUSC 180, 181, 182, or 289		1



MUSC 180, 181, 182, or 289	1
MUSC 389, 480, 481, or 482 (or instrumental <sup>+</sup> )	1
MUSC 389, 480, 481, or 482 (or instrumental <sup>+</sup> )	1
<b>Applied Music Studies (13 hrs)</b>	
MUSC 370 <i>Private Songwriting</i>	1
MUSC 370 <i>Private Songwriting</i>	1
MUSC 370 <i>Private Songwriting</i>	1
MUSC 370 <i>Private Songwriting</i>	1
MUSC 370 <i>Private Songwriting</i>	1
MUSC 498 <i>Senior Recital</i>	1
<b>Secondary</b>	
MUSC _____	1
MUSC _____	1
MUSC _____	1
MUSC _____	1
MUSC _____	1
MUSC _____	1
MUSC _____	1
<b>Directed Courses (required) (0-12 hrs)*</b>	
MUSC 200 <i>Music, Art, Worship and Culture</i>	3
MUSC 313 <i>History of Music and Worship</i>	3
MUSC 314 <i>Music in World Cultures</i>	3
MUSC 371 <i>Survey of Songwriting</i>	3
<sup>+</sup> Select between MUSC 179, 183, 184, 185, 187, or 194	
<sup>*</sup> These courses are approved General Education courses and may be counted in the Core Competency requirements	
<b>Additional Requirements for Major:</b>	
Keyboard Proficiency Exam	
Freshman Promotional Jury	
Sophomore Performance Review	
Attendance at 32 approved concerts and recitals	
Must have a minimum GPA of 2.00 for all MUSC courses	
<b>TOTAL HOURS:</b> 131 hours minimum required; 51 hours must be 300-400 level.	

**Worship Studies Major (B.M.)**

**PURPOSE**

Over the centuries, the study of worship and its impact on culture has been an important part of musical, historical and sociological analysis. The B.M. in Worship Studies affords Liberty University students opportunity to examine the impact of worship on the evangelical culture. Students study worship and its application to music in a hands-on environment and through praxis education experience. Application is further made to 21<sup>st</sup> century worship pedagogy through studies in contemporary improvisation, contextualization, leadership principles and cultural analysis.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.
5. Evaluate the role of music and worship in history, culture, and the marketplace.

**Program of Study**

<b>Worship Studies Major (B.M.)</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Worship Studies (74 hrs) Major Area (17 hrs)</b>	
MUSC 302 <i>Dynamics of Leading Instrumental Music</i>	3
MUSC 303 <i>Dynamics of Leading Vocal Team and Ensemble</i>	3
MUSC 310 <i>Principles of Arranging</i>	3
MUSC 316 <i>or 317 Conducting</i>	2

MUSC 330 <i>Music Technology I: Notation</i>	3
MUSC 400 <i>Music Resources and Literature</i>	3
<b>Music Core (30 hrs)</b>	
MUSC 105 <i>Harmonic Practices and Theory I</i>	3
MUSC 106 <i>Harmonic Practices and Theory II</i>	3
MUSC 107 <i>Musicianship I</i>	1
MUSC 108 <i>Musicianship II</i>	1
MUSC 201 <i>Creative Worship</i>	3
MUSC 202 <i>Old/New Testament Music and Worship</i>	3
MUSC 203 <i>Commercial Music Theory and Harmonic Practices I</i>	2
MUSC 204 <i>Commercial Music Theory and Harmonic Practices II</i>	2
MUSC 207 <i>Musicianship III</i>	1
MUSC 208 <i>Musicianship IV</i>	1
MUSC 315 <i>Basic Conducting</i>	2
MUSC 323 <i>Leadership, Philosophy, Music and Organization</i>	3
MUSC 360 <i>Contemporary Improvisation Techniques</i>	2
MUSC 423 <i>Congregational Contextualization and Leadership</i>	3
<b>Practical Internships (5 hrs)</b>	
MUSC 394 <i>Practicum I</i>	1
MUSC 395 <i>Practicum II</i>	1
MUSC 499 <i>Internship</i>	3
<b>Ensemble (6 hrs)</b>	
MUSC 178 <i>The Worship Choir I</i>	1
MUSC 189 <i>Celebration Choir</i>	1
MUSC 289 <i>The Worship Choir II</i>	1
MUSC 289 <i>The Worship Choir II</i>	1
MUSC 389 <i>The Worship Choir III</i>	1
MUSC 389 <i>The Worship Choir III</i>	1
<b>Applied Music Studies (16 hrs)</b>	
MUSC 396 <i>Junior Artist or Worship Program</i>	1
MUSC 398 <i>Junior Recital</i>	1
MUSC 496 <i>Senior Artist or Worship Program</i>	1
MUSC 498 <i>Senior Recital</i>	1
MUSC 121, 141, or 151 <sup>+</sup>	1
MUSC 122, 142, or 152 <sup>+</sup>	1
MUSC 221, 241, or 251 <sup>+</sup>	1
MUSC 222, 242, or 252 <sup>+</sup>	1
MUSC 321, 341, or 351 <sup>+</sup>	1
MUSC 322, 342, or 352 <sup>+</sup>	1
MUSC 421, 441, or 451 <sup>+</sup>	1
MUSC 422, 442, or 452 <sup>+</sup>	1
<b>Secondary</b>	
MUSC 112, 120, or 150 <sup>+</sup>	1
MUSC 220, 243, or 250 <sup>+</sup>	1
MUSC 244, 320, or 350 <sup>+</sup>	1
MUSC 345, 420, or 450 <sup>+</sup>	1
<b>Directed Courses (required) (0-9 hrs)*</b>	
MUSC 200 <i>Music, Art, Worship and Culture</i>	3
MUSC 313 <i>History of Music and Worship</i>	3
MUSC 314 <i>Music in World Cultures</i>	3
<sup>+</sup> Approved instrument	
<b>NOTE:</b> Students choosing Voice Primary will take either Piano or Guitar as the Secondary Instrument. Students selecting Piano, Guitar, or Approved Instrument as the Primary Instrument <b>must</b> take Voice as the Secondary Instrument.	
<sup>*</sup> These courses are approved General Education courses and may be counted in the Core Competency requirements	
<b>Additional Requirements for Major:</b>	
Keyboard Proficiency Exam	
Freshman Promotional Jury	
Sophomore Performance Review	
Attendance at 32 approved concerts and recitals	
Must have a minimum GPA of 2.00 for all MUSC courses	
<b>TOTAL HOURS:</b> 132 hours minimum required; 49 hours must be 300-400 level.	

## STUDIES IN MUSIC EDUCATION

### PURPOSE

Liberty University has long been an advocate for the inclusion of the arts in elementary and secondary education. Our concentrations in music education demonstrate this commitment by providing praxis education experience at all levels of training in music theory, music technology, improvisational technique, arranging, vocal and instrumental pedagogy, and practice teaching. Additional attention is given to directed studies in Music History, Music in World Cultures (Ethnomusicology) and developmental psychology.

The Bachelor of Music with concentrations in Music Education is intended for the student who plans to teach music in Christian, public, or private schools and who seeks licensure as a qualified music teacher by a state department of education. It is also appropriate for the student whose eventual goal is college teaching in fields related to music education. The program is designed to develop competent music professionals with a Christian worldview and skill to work in the educational domain.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.
5. Demonstrate advanced performance skills in appropriate performance media.

### VIRGINIA MUSIC TEACHER LICENSURE

Teacher preparation and endorsement in choral or instrumental music is available through the School of Music, Department of Music Education and Applied Music Studies, and in cooperation with the School of Education. The teacher licensure in music education programs are approved by the Council for the Accreditation of Education Preparation (CAEP), formerly known as the National Council for Accreditation of Teacher Education (NCATE). Licensure information is also available at [www.liberty.edu/uguide](http://www.liberty.edu/uguide) or [www.liberty.edu/SOM](http://www.liberty.edu/SOM).

The following options are available for Teacher Licensure Endorsement (PreK-12) in the Bachelor of Music degree:

- Instrumental Music concentration in Music Education
- Choral Music concentration in Music Education

A student not seeking teacher licensure may elect other courses to fulfill degree requirements. Graduates who are licensed in Virginia may obtain licensure in other states through reciprocity.

### **Choral Music Major (B.M.) Concentration in Music Education Program of Study**

<b>Choral Music Major (B.M.) Concentration in Music Education</b>	
<b>General Education: Core Competency Requirements (58-65 hrs)</b>	
<b>Choral Music (49-51 hrs)</b>	
<b>Supportive Courses in Music (16-18 hrs)</b>	
MUSC 105	3
MUSC 106	3
MUSC 107	1
MUSC 108	1
MUSC 203	2-3
MUSC 204	2-3
MUSC 207	1
MUSC 208	1

MUSC 315	<i>Basic Conducting</i>	2
MUSC 316	<i>Choral Conducting</i>	2
<b>Applied Music Studies (7 hrs)</b>		
MUSC 121, 141, or 151 (FR)		1
MUSC 221, 241, or 251 (SO)		1
MUSC 222, 242, or 252 (SO)		1
MUSC 321, 341, or 351 (JR)		1
MUSC 322, 342, or 352 (JR)		1
MUSC 421, 441, or 451 (SR)		1
MUSC 498	<i>Senior Recital</i>	1
<b>Ensemble (7 hrs)</b>		
MUSC 180, 181, or 182		1
MUSC 180, 181, or 182		1
MUSC 180, 181, 182, or 179		1
MUSC 180, 181, 182, or 179		1
MUSC 480, 481, 482, or 479		1
MUSC 480, 481, 482, or 479		1
MUSC 480, 481, 482, or 479		1
<b>Concentration (19 hrs)</b>		
MUSC 121, 141, or 151 (FR) <sup>+</sup>		1
MUSC 122, 142, or 152 (FR) <sup>+</sup>		1
MUSC 221, 241, or 251 (SO) <sup>+</sup>		1
MUSC 243	<i>Group Piano III</i>	1
MUSC 244	<i>Group Piano IV</i>	1
MUSC 310	<i>Principles of Arranging</i>	3
MUSC 316	<i>Choral Conducting</i>	2
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
MUSC 364	<i>Contemporary Styles Survey I</i>	1
MUSC 304, 393, or 477		3
<b>Directed Courses (required) (0-12 hrs)*</b>		
MUSC 311	<i>Music History (Antiquity – 1750)</i>	3
MUSC 312	<i>Music History (Since 1750)</i>	3
MUSC 314	<i>Music in World Cultures</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235/ 236	<i>Content Instructional Design / Practicum</i>	1/2
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
MUSC 210	<i>Introduction to Music Education</i>	1
MUSC 380	<i>Instrumental Overview</i>	2
MUSC 437/ 438	<i>Elementary Music Methods and Materials / Practicum</i>	2/1
MUSC 490/ 491	<i>Secondary Music Methods and Materials / Practicum</i>	2/1

<sup>+</sup> Piano or Guitar majors must take voice as secondary instrument

\* Approved General Education courses may be counted in Core Competency Requirements

#### Additional Requirements for Major

- Keyboard Proficiency Exam
- Freshman Promotional Jury
- Sophomore Performance Review
- Attendance at 56 approved concerts and recitals
- Must have a minimum GPA of 2.00 for all MUSC courses

**TOTAL HOURS:** 138 hours minimum required; 54 hours must be 300-400 level.

**Instrumental Music Major (B.M.)  
Concentration in Music Education  
Program of Study**

<b>Instrumental Music Major (B.M.) Concentration in Music Education</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Instrumental Music (51-54 hrs)</b>		
<b>Musicianship (16-18 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	or 205	2-3
MUSC 204	or 206	2-3
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
<b>Applied Music Studies (7 hrs)</b>		
MUSC 141 or 151 (FR)		1
MUSC 241 or 251 (SO)		1
MUSC 242 or 252 (SO)		1
MUSC 341 or 351 (JR)		1
MUSC 342 or 352 (JR)		1
MUSC 441 or 451 (SR)		1
MUSC 498	<i>Senior Recital</i>	1
<b>Ensemble (7 hrs)</b>		
MUSC 184, 185, 187, or 194		1
MUSC 184, 185, 187, or 194		1
MUSC 184, 185, 187, 194, or 179+		1
MUSC 184, 185, 187, 194, or 179+		1
MUSC 484, 485, 487, 494, or 479+		1
MUSC 183, 193, 483, 484, 485, 487, 493, 494, or 479+		1
MUSC 183, 193, 483, 484, 485, 487, 493, 494, or 479+		1
<b>Concentration (21-22 hrs)</b>		
MUSC 310	<i>Arranging</i>	3
MUSC 317	<i>Instrumental Conducting</i>	2
MUSC 330	<i>Music Technology I: Notation</i>	3
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
MUSC 364	<i>Contemporary Styles Survey I</i>	1
MUSC 304, 375, 411, or 477		2-3
MUSC 355	<i>Brass Techniques</i>	2
MUSC 357	<i>Woodwind Techniques</i>	2
MUSC 363	<i>Percussion Techniques</i>	2
MUSC 374	<i>String Techniques</i>	2
<b>Directed Courses (required) (0-12 hrs)*</b>		
MUSC 311	<i>Music History (Antiquity – 1750)</i>	3
MUSC 312	<i>Music History (Since 1750)</i>	3
MUSC 314	<i>Music in World Cultures</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning</i>	2
EDUC 235/ 236	<i>Content Instructional Design / Practicum</i>	1/2
EDUC 240	<i>Introduction to Applied Educational Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 475	<i>Seminar in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
MUSC 210	<i>Introduction to Music Education</i>	1
MUSC 390	<i>Foundations of Vocal Technique</i>	2
MUSC 437/ 438	<i>Elementary Music Methods and Materials / Practicum</i>	2/1
MUSC 490/ 491	<i>Secondary Music Methods and Materials / Practicum</i>	2/1

+ Guitar students take 5 semesters of 179/479 Guitar Ensemble
* Approved General Education courses may be counted in Core Competency Requirements
<b>Additional Requirements for Major</b>
Keyboard Proficiency Exam
Freshman Promotional Jury
Sophomore Performance Review
Attendance at 56 approved concerts and recitals
Must have a minimum GPA of 2.00 for all MUSC courses
<b>TOTAL HOURS:</b> 140 hours minimum required; 59 hours must be 300-400 level.

### Music Minors

The 17-19 credit hour minor option is offered to students wishing to augment their educational experiences with a general study in music. As with the music major, those pursuing the music minor select a primary area for study, vocal or instrumental. Students pursuing the music minor may participate in School of Music ensembles, applied music and select music methods classes.

The School of Music administration and faculty leadership strongly encourage students not majoring in music to pursue the music minor. As with all music curricula experience, this encounter in music helps formalize training in the humanities and broaden the student's experience in music performance.

The music minor curriculum does not require a senior recital, music internship or student teaching. However, all students pursuing music minors are required to register attendance at a total of 24 approved concerts and/or recitals before graduation.

CSTU 101 or MUSC 103 must be completed for General Education. Directed studies in MUSC 200 – *Music, Art, Worship and Culture* and MUSC 314 – *Music in World Culture* are strongly recommended.

<b>Music Minor Brass, Woodwind, or Percussion** (18 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 151	<i>Private Instruction (Freshman)</i>	1
MUSC 152	<i>Private Instruction (Freshman)</i>	1
MUSC 251	<i>Private Instruction (Sophomore)</i>	1
MUSC 252	<i>Private Instruction (Sophomore)</i>	1
MUSC 351	<i>Private Instruction (Junior)</i>	1
MUSC 352	<i>Private Instruction (Junior)</i>	1
<b>Choose two courses (4 hrs) from the following:</b>		
MUSC 355	<i>Brass Techniques</i>	2
MUSC 357	<i>Woodwind Techniques</i>	2
MUSC 363	<i>Percussion Techniques</i>	2
** Program has the additional requirement of attendance at 24 approved concerts and recitals. CSTU 101 or MUSC 103 must be completed for Core Competency requirement.		

<b>Music Minor Liberal Arts** (17 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 311	<i>Music History (Antiquity – 1750)</i>	3
MUSC 312	<i>Music History (Since 1750)</i>	3
<b>Choose one course (3 hrs) from the following:</b>		
MUSC 407	<i>Solo Vocal Literature</i>	3
MUSC 319	<i>Choral Literature</i>	3
** Program has the additional requirement of attendance at 24 approved concerts and recitals. CSTU 101 or MUSC 103 must be completed for Core Competency requirement.		

**Music Minor****Performance: Voice, Keyboard, Guitar or Strings\*(19 hrs)**

MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 121, 141, or 151	<i>Private Instruction (Freshman)</i>	1
MUSC 122, 142, or 152	<i>Private Instruction (Freshman)</i>	1
MUSC 221, 241, or 251	<i>Private Instruction (Sophomore)</i>	1
MUSC 222, 242, or 252	<i>Private Instruction (Sophomore)</i>	1
MUSC 321, 341, or 351	<i>Private Instruction (Junior)</i>	1
MUSC 322, 342, or 352	<i>Private Instruction (Junior)</i>	1
<b>Ensemble</b>	<b>Two semesters of ensemble participation in the performance area:</b>	<b>2</b>
Voice:	MUSC 178, 180, 181, 182, 189, 289, 389, 480, 481, or 482	
Keyboard:	MUSC 178, 189, 289, or 389	
Guitar:	MUSC 179 or 479	
Strings:	MUSC 185 or 485	
<b>Specific area courses:</b>		
Voice:	MUSC 393 <i>Vocal Diction</i>	3
Keyboard:	MUSC 304 <i>Keyboard Pedagogy</i>	3
Strings:	MUSC 375 <i>String Pedagogy</i>	3
Guitar:	MUSC 477 <i>Guitar Pedagogy</i>	3

\*\* Program has the additional requirement of attendance at 24 approved concerts and recitals. CSTU 101 or MUSC 103 must be completed for Core Competency requirement.

**Center for Music and Worship****PURPOSE**

The purpose of the *Center for Music and Worship* is to train highly skilled musicians to serve as worship practitioners and industry specialists in the evangelical community. This is accomplished through curricula development, local church ministry, publishing and recording, artist development and empirical research.

The purpose of the *Department of Music and Worship Studies* is to serve the Center as an academic, training agency solely committed to the mission of equipping worship leaders and church practitioners for ministry in evangelical traditions. The Department of Music and Worship Studies is a division of the Liberty University Center for Worship that specifically provides a platform for developing curricula, teaching and interacting opportunity with students. The Department is committed to meeting academic requirements critical to successful communication and examination of the growing worship disciplines.

**IAACT AND CAF MEMBERSHIP**

The Department holds membership with the International Association of Artists in Christian Testimony (IAACT), a missions-sending agency based in Brentwood, Tennessee. This agency endorses young artists, music ministries, worship leaders, and support personnel for local, regional, and international artistic service. Key to their mission is partnerships with worship institutions and evangelical organizations committed to training worship personnel for full time church related ministry.

In the spring of 2006, Liberty University was granted approval to host a student chapter of Christian Artist Fellowship (CAF). This is a national organization that encourages training, mentoring,

advancement, career placement, and research related to individual and group artists.

**Department of Music and Worship Studies.** The purpose of the *Department of Music and Worship Studies* is to serve the Center as an academic, training agency solely committed to the mission of equipping worship leaders and church practitioners for ministry in evangelical traditions. The Department of Music and Worship Studies is a division of the Liberty University Center for Worship that specifically provides a platform for developing curricula, teaching and interacting opportunity with students. The Department is committed to meeting academic requirements critical to successful communication and examination of the growing worship disciplines.

**Department of Multi-Ethnic Music Studies.** The purpose of the *Department of Multi-Ethnic Music Studies* is to uniquely equip students to work in a diverse global, ethnic and multi-cultural society by using the medium of music as a tool for communicating the gospel of Jesus Christ. The various programs in the department fit well with the institution's emphasis on intercultural studies and its stated aim to "contribute to a knowledge and understanding of other cultures."

**Department of Applied Music Studies.** The *Department of Applied Music Studies* serves the Center for Music and Worship by providing training and supervision of the performance and applied music studies in the Bachelor of Music in Music and World Cultures and the Bachelor of Science in Music and Worship. Faculties serving in this department touch and influence the lives of every person doing some type of undergraduate major in the Center for Music and Worship.

**PROGRAMS OF STUDY**

Programs offered by the Department of Music and Worship Studies prepare students to meet the dynamic music and ministry challenges unique to the 21<sup>st</sup> century evangelical community.

There has been significant growth in the numbers of students seeking to further their training in worship studies. Undergraduate students, preparing for one or more of the multiple roles of worship leadership, have found an abundance of job opportunities in local churches and para-church ministries in the evangelical community.

Music and Worship degree programs also prepare students to pursue graduate studies in worship at any seminary or graduate school, including the Master of Arts in Ethnomusicology, Master of Arts in Music and Worship or Master of Arts in Worship Studies offered through Liberty University School of Music.

To meet the challenges articulated above, the Department of Music and Worship Studies has designed an innovative, highly functional, practical and market-driven degree. The Bachelor of Science in Music and Worship Studies is divided into seven disciplines, including: Music Theory (14 hours); Worship Studies (12 hours); Directed Studies (6 hours); Practical Internships (5 hours); Applied Music (14 hours); Ensemble (6 hours); and the choice of a concentration or cognate based on market demand.

Students select one area of concentration/cognate from the following: Cinematic Arts; Pastoral Leadership; Worship Technology; Youth Ministry; Biblical Studies, Business, Theatre Ministries; Women's Ministries.

**Career Opportunities**

Today's local churches need both music ministers and worship leaders to take charge of a multi-faceted, changing ministry. These ministries no longer require personnel exclusively equipped as musicians. Rather, they require professionals who have broad experience in worship teaching, worship training, team management and discipleship, worship evangelism, principles of marketing technology, drama and music.

Pastors seek to meet the challenge of ministry to increasingly more diverse congregations with theological integrity practical to broad ranging needs. They look for worship leaders who capture their vision and seize the opportunity to minister worship with excellence and creativity.

**Music and Worship Major (B.S.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Build a personal philosophy of worship based on theological principles.
2. Develop worship strategies based on an evaluation of various ministry contexts.
3. Evaluate various scenarios within the diverse evangelical community and make application to the worship leader's roles.
4. Demonstrate professional-level musicianship in the primary applied performance concentration.

**Cinematic Arts Concentration**

The student will be able to create cinematic art to be used within the presentation of worship.

**Pastoral Leadership Concentration**

The student will be able to evaluate and demonstrate the skills necessary for Pastoral Ministry.

**Worship Technology Concentration**

The student will be able to evaluate and demonstrate the skill necessary for using radio, television, video, IMAG or other computer technology in the presentation of worship.

**Youth Ministry Concentration**

The student will be able to evaluate and demonstrate the skills necessary for engaging and educating adolescents within their culture with a biblical worldview.

**Program of Study**

<b>Music and Worship Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Courses in the Major (68-73 hrs)</b>		
<b>Harmonic Practices and Musicianship (16-19 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 203	<i>Commercial Music Theory and Harmonic Practices I</i>	2
MUSC 204	<i>Commercial Music Theory and Harmonic Practices II</i>	2
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
<b>Worship Studies (12 hrs)</b>		
MUSC 201	<i>Creative Worship</i>	3
MUSC 202	<i>Old and New Testament Music and Worship</i>	3
MUSC 323	<i>Leadership, Philosophy, Music and Organization</i>	3
MUSC 423	<i>Congregational Contextualization and Leadership</i>	3
<b>Practical Internships (5 hrs)</b>		
MUSC 394	<i>Practicum I</i>	1
MUSC 395	<i>Practicum II</i>	1
MUSC 499	<i>Internship</i>	3
<b>Ensemble (6 hrs)</b>		
MUSC 178	<i>The Worship Choir I</i>	1
MUSC 189	<i>Celebration Choir</i>	1

MUSC 289	<i>The Worship Choir II</i>	1
MUSC 289	<i>The Worship Choir II</i>	1
MUSC 389	<i>The Worship Choir III</i>	1
MUSC 389	<i>The Worship Choir III</i>	1
<b>Applied Music Studies (14 hrs)</b>		
MUSC 396	<i>Junior Artist or Worship Program</i>	1
MUSC 398	<i>Junior Recital</i>	1
MUSC 496	<i>Senior Artist or Worship Program</i>	1
MUSC 498	<i>Senior Recital</i>	1
MUSC +	<u>Primary</u> : choose either Voice, Piano, Guitar, or Approved Instrument	6
MUSC ++	<u>Secondary</u> : choose either Voice, Piano, or Guitar	4
<b>Directed Courses (Required) (0-6 hrs)*</b>		
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 313	<i>History of Music and Worship</i>	3
<b>CHOOSE A CONCENTRATION OR COGNATE</b>		
<b>Concentrations:</b>		<b>18</b>
<i>Cinematic Arts**</i>		
<i>Pastoral Leadership</i>		
<i>Worship Technology</i>		
<i>Youth Ministry</i>		
<b>Cognates:</b>		<b>15</b>
<i>Biblical Studies</i>		
<i>Business</i>		
<i>Theatre Ministries</i>		
<i>Women's Ministries</i>		
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Freshman Promotional Jury		
Sophomore Performance Review		
Attendance at 32 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
+Voice: MUSC 121, 221, 222, 321, 322, 421		
Piano: MUSC 141, 241, 242, 341, 342, 441		
Guitar: MUSC 151, 251, 252, 351, 351, 451		
Approved Instrument: MUSC 151, 251, 252, 351, 352, 451		
++Voice: MUSC 120, 220, 320, 420		
Piano: MUSC 112, 243, 244, 345		
Guitar: MUSC 150, 250, 350, 450		
*These courses are approved General Education courses and may be counted in the Core Competency Requirements		
**Students taking the <b>Cinematic Arts Concentration</b> complete 73 hours in the major and take MUSC 330 <i>Music Technology I</i> (3 hrs) and do not complete MUSC 394 <i>Practicum I</i> (1 hr)		
<b>NOTE:</b> Students choosing Voice Primary will take either Piano or Guitar as the Secondary Instrument. Students selecting Piano, Guitar, or Approved Instrument as the Primary Instrument, <b>must</b> take Voice as the Secondary Instrument.		

**Concentrations**

<b>Cinematic Arts Concentration (18 hrs)</b>		
<b>Concentration Courses (18 hrs)</b>		
BUSI 301	<i>Business Law</i>	3
CINE 271	<i>Introduction to Pro Tools 101</i>	3
CINE 305	<i>Editing</i>	3
CSTU 301	<i>Film as Art</i>	3
DIGI 333	<i>Interactive Video Production</i>	3
THEA 320	<i>Directing</i>	3
<b>TOTAL HOURS:</b> 131 hours minimum required; at least 43 hours must be 300-400 level.		

**Pastoral Leadership Concentration (18 hrs)****Concentration Courses (18 hrs)**

PLED 201	<i>Foundation of Pastoral Leadership</i>	3
PLED 301	<i>Family Ministry in the Church</i>	3
PLED 302	<i>Staff Management and Relations in Pastoral Leadership</i>	
PLED 350	<i>Pastoral Duties</i>	3
PLED 351	<i>Church Assimilation and Development</i>	3
PLED 421	<i>Homiletics I</i>	3

**TOTAL HOURS:** 129 hours minimum required; at least 41 hours must be 300-400 level.

**Worship Technology Concentration (18 hrs)****Concentration Courses (18 hrs)**

ARTS 222	<i>Introduction to Graphic Design</i>	3
DIGI 220	<i>Introduction to Transmedia</i>	3
DIGI 224	<i>Fundamentals of Audio Production - OR</i>	3
DIGI 225	<i>Introduction to Video Production</i>	

**Select three courses from the following: (9 hrs)**

DIGI 333	<i>Intermediate Video Production</i>	
DIGI 334	<i>Intermediate Audio Production</i>	
ARTS 340	<i>Publication Design</i>	
ARTS 342	<i>Digital Imaging</i>	
ARTS 352	<i>Graphic Design I</i>	

**TOTAL HOURS:** 129 hours minimum required; at least 35 hours must be 300-400 level.

**Youth Ministry Concentration (18 hrs)****Concentration Courses (18 hrs)**

CHMN 201	<i>Introduction to Church Ministries</i>	3
CHMN 447	<i>Discipleship in Church Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministry</i>	3
YOUT 301	<i>Foundations of Youth Ministry</i>	3
YOUT 350	<i>Campus Ministry</i>	3
YOUT 448	<i>Contemporary Youth Communication</i>	3

**TOTAL HOURS:** 129 hours minimum required; at least 38 hours must be 300-400 level.

**Cognates****BIBLICAL STUDIES COGNATE (15 hrs)****Cognate Courses (15 hrs)**

BIBL 324	<i>Pastoral Epistles and Leadership Development</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 364	<i>Acts</i>	3
BIBL 410	<i>Genesis</i>	3
BIBL 425	<i>Romans</i>	3

**TOTAL HOURS:** 126 hours minimum required; at least 41 hours must be 300-400 level.

**BUSINESS COGNATE (15 hrs)****Cognate Courses (15 hrs)**

ACCT 211	<i>Principles of Accounting</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 300	<i>Business Communications – OR</i>	3
BUSI 303	<i>International Business</i>	

**TOTAL HOURS:** 126 hours minimum required; at least 38 hours must be 300-400 level.

**THEATRE MINISTRIES COGNATE (15 hrs)****Cognate Courses (15 hrs)**

THEA 200	<i>Play Production – OR</i>	3
THEA 220	<i>Acting I</i>	
THEA 212	<i>Foundations of Theatre History II</i>	3
THEA 320	<i>Directing</i>	3
THEA 352	<i>Writing for Church Drama</i>	3
THEA 410	<i>Drama in the Church: History and Practice</i>	3

**TOTAL HOURS:** 126 hours minimum required; at least 35 hours must be 300-400 level.

**WOMEN'S MINISTRIES COGNATE (15 hrs)****Cognate Courses (15 hrs)**

CHMN 450	<i>Leadership/Management in Ministry</i>	3
WMIN 220	<i>Survey of Women's Ministries</i>	3
WMIN 320	<i>The Christian Woman</i>	3
WMIN 330	<i>The Role of Christian Women in Ministry</i>	3
WMIN 387	<i>Methods of Teaching the Bible and Religion for Women</i>	3

**TOTAL HOURS:** 126 hours minimum required; at least 38 hours must be 300-400 level.

**DEPARTMENT OF MULTI-ETHNIC MUSIC STUDIES**

**Katherine Morehouse, B.A., M.A., Ph.D.**

*Chair, Department of Multi-Ethnic Music Studies  
Associate Professor of Ethnomusicology*

**Music in World Cultures Major (B.M.)****PURPOSE**

Liberty University is pleased to offer the B.M. in Music and World Culture for the purpose of equipping musicians in various global and ethnic settings. Over the last 20 years, studies in world music and ethnomusicology have become a growing part of the education process in many college and university music programs. Our goal is to prepare students in: ethnic music making; bi-cultural teacher/performance; world music pedagogy; and, continued graduate studies in ethnomusicology.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate technical fluency, expressiveness, and professionalism in musical performance.
2. Demonstrate broad-based knowledge of musical style, music literature, and music theory.
3. Critically evaluate music and music research materials.
4. Demonstrate an integration of Christian faith and the discipline of music.
5. Apply principles of ethnomusicology through practical experience and research.

**Program of Study**

<b>Music in World Cultures Major (B.M.)</b>		
<b>General Education: Core Competency Requirements (59-66 hrs)</b>		
<b>Music in World Cultures (73 hrs) Major Area (19 hrs)</b>		
GLST 200	<i>Introduction to Global Studies</i>	3
GLST 385	<i>Career Preparation for Global Workers</i>	3
MUSC 392	<i>Ethnic Music Program</i>	1
MUSC 402	<i>Ethnic Music Theory</i>	3
MUSC 423	<i>Congregational Contextualization and Leadership</i>	3
MUSC 440	<i>Ethnic Music Seminar</i>	3
MUSC 451	<i>Ethnic Instrumental Studies</i>	3
<b>Music Core (27 hrs)</b>		
MUSC 105	<i>Harmonic Practices and Theory I</i>	3
MUSC 106	<i>Harmonic Practices and Theory II</i>	3
MUSC 107	<i>Musicianship I</i>	1
MUSC 108	<i>Musicianship II</i>	1
MUSC 201	<i>Creative Worship</i>	3
MUSC 202	<i>Old/New Testament Music and Worship</i>	3
MUSC 203	<i>Commercial Music Theory and Harmonic Practices I</i>	2
MUSC 204	<i>Commercial Music Theory and Harmonic Practices II</i>	2
MUSC 207	<i>Musicianship III</i>	1
MUSC 208	<i>Musicianship IV</i>	1
MUSC 315	<i>Basic Conducting</i>	2
MUSC 323	<i>Leadership, Philosophy, Music and Organization</i>	3
MUSC 360	<i>Contemporary Improvisation Techniques</i>	2
<b>Practical Internships (5 hrs)</b>		
MUSC 394	<i>Practicum I</i>	1
MUSC 395	<i>Practicum II</i>	1
MUSC 499	<i>Internship</i>	3
<b>Ensemble (6 hrs)</b>		
MUSC ___	(choir or instrumental <sup>+</sup> )	1
MUSC ___	(choir or instrumental <sup>+</sup> )	1
MUSC ___	(choir or instrumental <sup>++</sup> )	1
MUSC ___	(choir or instrumental <sup>++</sup> )	1
MUSC ___	(choir or instrumental <sup>++</sup> )	1
MUSC 349	<i>Ethnic Ensemble</i>	1

<b>Applied Music Studies (16 hrs)</b>		
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC 496	<i>Senior Artist or Worship Program</i>	1
MUSC 498	<i>Senior Recital</i>	1
<b>Secondary</b>		
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
<b>Directed Courses (required) (0-9 hrs)*</b>		
MUSC 200	<i>Music, Art, Worship and Culture</i>	3
MUSC 313	<i>History of Music and Worship</i>	3
MUSC 314	<i>Music in World Cultures</i>	3
+ Select between MUSC 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 192, 194, 285, 286, 287, or 289		
++ Select between MUSC 385, 386, 387, 389, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 492, 494, 479, or 485		
* These courses are approved General Education courses and may be counted in the Core Competency requirements		
<b>Additional Requirements for Major:</b>		
Keyboard Proficiency Exam		
Attendance at 32 approved concerts and recitals		
Must have a minimum GPA of 2.00 for all MUSC courses		
<b>TOTAL HOURS:</b> 132 hours minimum required; 40 hours must be 300-400 level.		

**DEGREE COMPLETION PLANS (DCP)**

Degree Completion Plans for degree programs offered by the School of Music can be accessed at: <http://www.liberty.edu/index.cfm?PID=2981>.

# School of Nursing

## Administration

**Deanna C. Britt, R.N., B.S.N., M.S.N., Ph.D.**

*Dean, School of Nursing  
Professor of Nursing*

**Shanna Akers, R.N., A.D.N., B.S.N., M.S.N./M.B.A., Ed.S.**

*Associate Dean, School of Nursing  
Assistant Professor of Nursing*

**Diane Bridge, R.N., B.S.N., M.S.N.**

*Chair, RN to BSN Program*

**Tonia Kennedy, B.S., M.S.N., Ed.D.**

*Chair, Generic BSN Program  
Associate Professor of Nursing*

**Sharon J. Kopsis, R.N., B.S.N., M.S., Ed.D., CNE**

*Chair, DNP Program  
Associate Professor of Nursing*

**Kimberly Little, R.N., B.S.N., M.S.N., Ph.D., CNE**

*Chair, MSN Program  
Associate Professor of Nursing*

**Kathryn Miller, R.N., B.S.N., M.S.N.**

*Executive Director, Clinical Affairs  
Assistant Professor of Nursing*

**Tracey Turner, R.N., B.S.N., M.S.N.**

*Director, Residential BSN Program*

## Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaID=22> where faculty can be searched for by Department.

## PURPOSE

The purpose of the Liberty University School of Nursing is to prepare baccalaureate level nurses who are committed to Christian ethical standards and view nursing as a ministry of caring based on the Benner theoretical framework. The nursing curriculum is built upon a foundation from the arts, sciences, and the Bible, and focuses on the use of the nursing process to guide the acquisition of nursing knowledge, build strong clinical skills, and develop the foundation necessary for a sound work ethic.

## Nursing Major (B.S.N.)

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. View nursing as a ministry of demonstrating Christ's love to hurting people of all religions, creeds, and cultures.
2. Provide and coordinate nursing care for individuals, families and groups within the community.
3. Utilize critical thinking/problem solving skills/evidenced base practice in determining nursing interventions and applying therapeutic skills.
4. Demonstrate leadership skills in collaboration with clients, other professionals and groups within the community for the purpose of promoting, maintaining, and restoring health.

5. Apply a personal and professional Christian value system, based on biblical principles, to ethical issues related to the practice of professional nursing.
6. Value the need for ongoing personal and professional development through both formal and informal learning experiences.
7. Foster professional level competencies in writing and communication and computer literacy.

## ACCREDITATION AND LICENSURE

The Bachelor of Science in Nursing degree at Liberty University is accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC, 20036, 202-887-6791.

This degree is approved by the Virginia State Board of Nursing.

## APPLICATION TO THE SCHOOL OF NURSING

A prospective student applies for candidacy to the nursing major during the second semester of the freshman year. Applicants are considered for candidacy to the nursing major following enrollment in CHEM 107, BIOL 213/214, 215/216, NURS 101, 105 and NURS 215. Students must complete BIOL 213/214, 215/216, CHEM 107, NURS 101, 105 and 215 with grades of "C" or better, (grades of "A" or "B" in science course are preferred) and have a minimum cumulative GPA of 3.00. A personal interview with a nursing faculty member may also be required. The faculty reserves the right to refuse admission into the program. Acceptance by Liberty University does not guarantee acceptance into the nursing major.

## Retention and Progression

Policies related to retention and progression are outlined in the annual *Liberty University Nursing Student Handbook*.

## Clinical Prerequisites

Each student must secure uniforms, name pin, stethoscope, liability insurance, immunizations, background check, and current CPR certification prior to the first clinical experience.

## Transportation

Nursing students are responsible for transportation to and from clinical settings. Car pools are encouraged as a means of defraying transportation costs for the individual student.

## Physical Examination

A physical examination including a TB test, Rubella Titer, documentation of Hepatitis B vaccinations, and all childhood immunizations is required prior to the first day of class.

## Accelerated Program

An accelerated summer program is available for students who have already completed one to two years of college work before deciding to enter the nursing major. Students who meet the admission criteria can finish the nursing requirements in two years.

## Certificate Programs

Senior level students have an opportunity to specialize in a specific field of nursing by participating in one of two certificate programs:

- Critical Care Nursing (Adult and Maternal/Child tracks)
- Cross Cultural Nursing

Selected students complete extra classes and clinical



experiences so that they are able to enter the workplace with a broader knowledge base and more highly developed clinical skills than other new graduates.

### Advanced Placement

Registered nurses and licensed practical nurses may obtain advanced placement by applying to the RN track of the program. A registered nurse student is a nurse who:

1. Has graduated from an accredited program leading to an associate's degree or a hospital diploma;
2. Had three months of nursing practice as a registered nurse within the past five years or completion of a refresher course before the senior year; and
3. Has been admitted to Liberty University.

### DEGREE COMPLETION PLANS

Degree Completion Plans for programs offered by the School of Nursing can be accessed online at <http://www.liberty.edu/index.cfm?PID=2981>.

### Career Opportunities

#### Hospital Nursing

Critical Care	Orthopedics
Emergency Department	Out Patient Surgery
Flight Nurse	Pediatrics
Medical	Rehabilitation
Obstetrics	Surgical
Oncology	

#### Community Nursing

Home Health	Outpatient Clinics
Missionary Nursing	Physicians Office
Occupational Health	Public Health
Red Cross	

#### Armed Services

Air Force	Navy
Army	

#### With Additional Education

Clinical Nurse Specialist	Nurse Educator
Nurse Anesthetist	Nurse Practitioner

## Program of Study

### Nursing Major (B.S.N.)

#### General Education: Core Competency Requirements (53-60 hrs)

#### Courses in the Major (62 hrs)

NURS 101	Introduction to Nursing	1
NURS 105	Medical Terminology	1
NURS 115	Sciences in Nursing	3
NURS 200	Nursing Process Application	2
NURS 210	Health Assessment	3
NURS 221	Fundamentals in Nursing	4
NURS 225	Research in Nursing	3
NURS 301	Strategies for Adult Health Care I	5
NURS 302	Strategies for Adult Health Care II	5
NURS 305	Pharmacology	2
NURS 306	Pharmacology II	2
NURS 352	Caring for the Childbearing Family I	4
NURS 353	Caring for the Childbearing Family II	4
NURS 440	Strategies for Community Health Care	5
NURS 445	Population Health	3
NURS 451	Strategies for Mental Health Care	3
NURS 460	Advanced Strategies for Adult Health Care	4
NURS 490	Leadership/Management in Nursing	5
Choose one of the following courses:		3
NURS 316	Global Health Nursing Field Experience	
NURS 415	Cross Cultural Nursing	
NURS 416	Preceptorship in Nursing	
NURS 417	Crisis Nursing	
NURS 418	Gerontological Nursing	
NURS 419	Strategies for End of Life Care	
NURS 420	Comprehensive Pain Management	
NURS 465	Advanced Strategies for the Critically Ill	
NURS 466	Advanced Critical Care II	
<b>Directed Courses (Required) (18 hrs)</b>		
BIOL 203	Introductory Microbiology	4
BIOL 215	Human Anatomy and Physiology II*	3
BIOL 216	Human Anatomy and Physiology II Lab*	1
CHEM 107	Essentials of General/Organic Chemistry*	4
HLTH 330	Human Nutrition	3
PHIL 380	Biomedical Ethics	3

#### Additional requirements for major:

ATI Predictor Test

\*\*"C" or better is required

**TOTAL HOURS:** 133 hours minimum required; at least 51 hours must be 300-400 level

## School of Nursing – Online Program

*As a condition of Liberty's Certificate of Approval from the Alabama Commission on Higher Education, the following disclaimer pertains to Liberty's online programs in Nursing:*

**Nursing:** State approval of a program to offer Alabama licensed nurses opportunities for advanced degrees does not indicate eligibility for approval to practice as an advanced practice nurse in Alabama. Applicants for approval in Alabama are required to meet the Alabama requirements for national certification, graduation from a specific-type program for the advanced practice approval, and completion of the appropriate application. Any program offering a pre-licensure track to Alabama students shall meet the requirements of the Alabama regulations for pre-licensure programs or the graduates may not be eligible to take the national licensure examination required by the Alabama Board of Nursing to enter the practice. [www.abn.alabama.gov](http://www.abn.alabama.gov)

### PURPOSE

The purpose of the Liberty University School of Nursing is to prepare baccalaureate level nurses who are committed to Christian ethical standards and view nursing as a ministry of caring based on the Benner theoretical framework. The nursing curriculum is built upon a foundation from the arts, sciences, and the Bible, and focuses on the use of the nursing process to guide the acquisition of nursing knowledge, build strong clinical skills, and develop the foundation necessary for a sound work ethic.

### ACCREDITATION AND LICENSURE

The Bachelor of Science in Nursing degree at Liberty University is accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC 20036, 202-887-6791.

The School of Nursing is approved by the Virginia State Board of Nursing.

### DEGREE COMPLETION PLANS

Degree Completion Plans (DCP) for Liberty University Online programs are available at <http://www.liberty.edu/index.cfm?PID=2981>.

### Nursing Major – R.N. to B.S.N.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. View nursing as a ministry of demonstrating Christ's love to hurting people of all religions, creeds, and cultures;
2. Provide and coordinate nursing care for individuals, families and groups within the community;
3. Utilize critical thinking/problem solving skills in determining nursing interventions and applying therapeutic skills;
4. Demonstrate leadership skills in collaboration with clients, other professionals and groups within the community for the purpose of promoting, maintaining, and restoring health;
5. Apply a personal and professional Christian value system, based on biblical principles, to ethical issues related to the practice of professional nursing; and

6. Value the need for ongoing personal and professional development through both formal and informal learning experiences.
7. Foster professional level competencies in writing, oral communication, and computer literacy.

### Program of Study

#### Nursing Major – RN to B.S.N.

##### General Education: Core Competency Requirements (37 hrs)

##### Skills and Knowledge (6 hrs)

##### Courses in the Major (61 hrs)

NURS 105 <sup>4</sup>	Medical Terminology	1
NURS 210 <sup>5,6</sup>	Health Assessment	3
NURS 215 <sup>5</sup>	Pathophysiology	3
NURS 220 <sup>7</sup>	Advanced Nursing Communication	3
NURS 221 <sup>4</sup>	Fundamentals in Nursing	4
NURS 225	Research in Nursing	3
NURS 301 <sup>4</sup>	Strategies for Adult Health Care I	5
NURS 302 <sup>4</sup>	Strategies for Adult Health Care II	5
NURS 305 <sup>4</sup>	Pharmacology	2
NURS 306 <sup>4</sup>	Pharmacology II	2
NURS 325	Nursing Concepts	1
NURS 352 <sup>4</sup>	Caring for the Childbearing Family I	4
NURS 353 <sup>4</sup>	Caring for the Childbearing Family II	4
NURS 440 <sup>8</sup>	Strategies for Community Health Care	5
NURS 445	Population Health	3
NURS 460 <sup>4</sup>	Advanced Strategies for Adult Health Care	4
NURS 490 <sup>8</sup>	Leadership/Management in Nursing	3
NURS 491 <sup>8</sup>	Nursing Management <sup>^</sup>	3
NURS 492 <sup>9</sup>	Advanced Concepts in Nursing Practice	3
<b>Support Courses (12 hrs)<sup>10</sup></b>		
BIOL 204 <sup>3</sup>	Microbiology for Nursing Professionals	4
BIOL 215 <sup>3</sup>	Human Anatomy and Physiology II	3
BIOL 216 <sup>3</sup>	Human Anatomy and Physiology II Lab	1
CHEM ____ <sup>3,11</sup>	Chemistry Requirement	4
<b>Free Electives (4 hrs)</b>		
NURS 316 <sup>12</sup>	Global Health Nursing Field Experience	3

**NOTES:** Grades of "C" or higher for all courses in major

<sup>1-3</sup>See DCP for General Education Notes

<sup>4</sup>These courses will be satisfied automatically for RNs

<sup>5</sup>Completion of all Science classes is strongly recommended prior to taking NURS 210 & 215

<sup>6</sup>NURS 210 may be taken as an on-campus Intensive

<sup>7</sup>NURS 220 requires a background check as a course assignment and must be taken as the first Nursing course to help set a foundation for the remaining Nursing coursework.

<sup>8</sup>It is highly recommended that NURS 440, 490, and 491 be taken after NURS 225

<sup>9</sup>All Nursing courses must be completed before taking the capstone course, NURS 492

<sup>10</sup>Prerequisite courses

<sup>11</sup>Chemistry may include CHEM 105, 107, 108, 121 or 122

<sup>12</sup>NURS 316 is an optional elective. Students are not required to take this course.

**TOTAL HOURS:** 120 minimum; at least 30 hours of upper-level courses; 50% (32 hours) of major taken through Liberty University.

## School of Religion

### Administration

**Edward E. Hindson, B.A., M.A., Th.M., Th.D., D.Min., D.Phil., F.I.B.A.**

*Dean, School of Religion*

*Distinguished Professor of Biblical Studies and Religion*

**Gabriel Etzel, B.S., M.A.R., M.Div., D.Min.**

*Associate Dean, School of Religion*

*Associate Professor of Religion*

**Chris H. Hulshof, B.S., M.A.R., M.R.E.**

*Assistant to the Associate Dean, School of Religion*

*Assistant Professor of Religion*

### Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CatID=22> where faculty can be searched for by Department.

### PURPOSE

The purpose of the School of Religion is to produce Christ-centered leaders with the values, knowledge, and skills required to fulfill the Great Commission.

### DEGREE COMPLETION PLANS

Degree Completion Plans for programs offered by the School of Religion can be accessed online at <http://www.liberty.edu/index.cfm?PID=2981>.

## Department of Christian Leadership and Church Ministries

**Jonathan Geukgeuzian, B.S., M.R.E.**

*Chair, Department of Christian Leadership and Church Ministries*

*Director, Center for Youth Ministries*

*Associate Professor of Youth Ministries*

**David Adams, B.D., B.S., M.Ed., Ed.S., Th.M., D.Min.**

*Director of Pastoral Leadership*

*Professor of Biblical Studies and Pastoral Ministries*

**Monica Rose Brennan, B.S., M.A.R., D.Min.**

*Director of Women's Ministries*

*Associate Professor of Church Ministries*

**Douglas Gilmer, B.S., M.A., M.A.B.C.**

*Director of Adventure Leadership and Outdoor Ministry*

*Adjunct Professor*

### PURPOSE

The Department of Christian Leadership and Church Ministries exists to recruit strategically, equip practically, and challenge biblically those called to Christian Ministry, both in the context of the local church and Christian organizations.

Students majoring in Church Ministries or Pastoral Leadership will be well-equipped for a future in vocational ministry. Throughout the program, they will engage in practical ministry experience in local churches and ministries, providing

valuable first-hand training for a life devoted to vocational ministry.

### Career Opportunities

Camp Director	Missionary Pastor
Children's Pastor	Senior and Associate Pastor
Children's Director	Women's Ministry Director
Christian Education Director	Youth Pastor
Evangelist	Minister of Music and Worship

### Christian Leadership and Church Ministries Major (B.S.)

The major in Christian Leadership and Church Ministries provides an undergraduate degree program for students who desire Christian leadership development and ministry training in a broader context of the local church, para-church and nonprofit organizations. Additionally, partnership with other schools within Liberty University provides cognates for marketability, based on students' future vocational goals (See cognates). This degree would help students gain the knowledge, values and skills needed for providing Christian leadership in a church and/or para-church vocation.

### PURPOSE

The purpose of the BS in Christian Leadership and Church Ministries is to equip students with professional skills in planning, organizing, and developing Christian ministries. In addition, students will develop the ability to evaluate models of leadership, programs, and various philosophies of Christian ministries.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Articulate/justify essential truths of Christianity.
2. Demonstrate competence in the use of sound principles of biblical interpretation.
3. Demonstrate professional skill in planning, organizing, and developing Christian ministries.
4. Evaluate models of leadership & programs, as well as various philosophies of Christian ministries.
5. Demonstrate competence in engaging their culture from a biblical worldview of leadership.

### Career Opportunities

Ministry Director	Church Administration
Para-church Leadership	Ministry Associate
Ministry roles in bivocational settings	Missionary Pastor
Camp Director	Senior and Associate Pastor
Children's Pastor/Director	Women's Ministry Director
Christian Education Director	Youth Pastor
Evangelist	Next Generation Pastor
	Media Ministry

**Programs of Study**

<b>Christian Leadership and Church Ministries Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses in the Major (51 hrs)</b>		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 480	<i>Hermeneutics</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 340	<i>Organizational Behavior I</i>	3
BUSI 409	<i>Non-Profit Management</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
CHMN 205	<i>Church Ministry Practicum I</i>	1
CHMN 300	<i>Church Ministry Practicum II</i>	1
CHMN 305	<i>Church Ministry Practicum III</i>	1
CHMN 360	<i>Foundations of Ministry Programming</i>	3
CHMN 447	<i>Discipleship in Church Ministries</i>	3
CHMN 450	<i>Leadership &amp; Management in Ministry</i>	3
CHMN 489	<i>Church Ministries Capstone</i>	3
CLED 300	<i>Biblical &amp; Theological Foundations of Leadership</i>	3
CLED 365	<i>The Personal Life of the Leader</i>	3
CLED 410	<i>Team Dynamics in Christian Leadership</i>	3
CLED 425	<i>Ethical Issues in CLED</i>	3
CLED 499	<i>Christian Leadership Internship</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
<b>Directed Courses (Required) (3-9 Hours)* except Worship</b>		
BUSI 201	<i>Intermediate Business Computer Applications</i>	3
ECON 213	<i>Principles of Microeconomics</i>	3
YOUT 220	<i>Global Youth Culture</i>	3
<b>Free Electives (0-8 hrs) [If no Cognate is selected]</b>		
<b>Cognates</b>		
<ul style="list-style-type: none"> <li>• Adventure Leadership and Outdoor Ministries (12 hrs)</li> <li>• Biblical Studies (15 hrs)</li> <li>• Global Studies (15 hrs)</li> <li>• Technical Studies (11 hrs)</li> <li>• Theology and Apologetics (15 hrs)</li> <li>• Women's Leadership (15 hrs)</li> <li>• Worship (12 hrs)</li> </ul>		
* These courses are approved General Education courses and may be counted in the Core Competency requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 47 hours must be 300-400 level.		

**Cognates**

<b>ADVENTURE LEADERSHIP AND OUTDOOR MINISTRIES COGNATE</b>		
<b>Cognate Courses (12 hrs)</b>		
ALOM 310	<i>Adventure Leadership Foundations</i>	3
ALOM 320	<i>Adventure Leadership Programming</i>	3
ALOM 360	<i>Camping Ministry</i>	3
/YOUT		
ALOM 370	<i>Managing the Christian Youth Organization</i>	3
/YOUT		
<b>TOTAL HOURS:</b> 124 hours minimum required; at least 47 hours must be 300-400 level.		

**BIBLICAL STUDIES COGNATE**

<b>Cognate Courses (15 hrs)</b>		
BIBL 324	<i>Pastoral Epistles &amp; Leadership Development</i>	3
BIBL 364	<i>Acts</i>	3
BIBL 410	<i>Genesis</i>	3
BIBL 450	<i>Daniel-Revelation</i>	3
BIBL	<i>Elective (300-400 level)</i>	3
<b>TOTAL HOURS:</b> 127 hours minimum required; at least 47 hours must be 300-400 level.		

**GLOBAL STUDIES COGNATE**

<b>Cognate Courses (15 hrs)</b>		
GLST 200	<i>Introduction to Global Studies</i>	3
GLST 220	<i>Intercultural Communication and Engagement</i>	3
GLST 350	<i>World Religions</i>	3
GLST 390	<i>Engaging Oral Communications</i>	3
GLST	<i>Elective (300-400 level)</i>	3
<b>TOTAL HOURS:</b> 127 hours minimum required; at least 47 hours must be 300-400 level.		

**TECHNICAL STUDIES COGNATE**

<b>Cognate Courses (11 hrs)*</b>		
CRFT 101	<i>Introduction to Craft Skills</i>	3
<b>Choose 8 hours from:</b>		
CARP, ELTC, HVAC, STEM, PLMB, WELD		
* Some courses will be delivered at Virginia Technical Institute in Altavista, Virginia		
<b>TOTAL HOURS:</b> 123 hours minimum required; at least 47 hours must be 300-400 level.		

**THEOLOGY AND APOLOGETICS COGNATE**

<b>Cognate Courses (15 hrs)</b>		
APOL 325	<i>Christianity &amp; the Cults</i>	3
THEO 330	<i>Theology of the Family</i>	3
THEO 412	<i>The Church: Its Mission &amp; Hope</i>	3
THEO /	<i>Elective (300-400 level)</i>	3
APOL		
THEO /	<i>Elective (300-400 level)</i>	3
APOL		
<b>TOTAL HOURS:</b> 127 hours minimum required; at least 47 hours must be 300-400 level.		

**WOMEN'S LEADERSHIP COGNATE**

<b>Cognate Courses (15 hrs)</b>		
WLED 220	<i>Survey of Women's Ministries</i>	3
WLED 320	<i>The Christian Woman</i>	3
WLED 330	<i>The Leadership Role of Christian Women in Ministry</i>	3
WLED 387	<i>Methods of Teaching Bible &amp; Religion for Women</i>	3
WLED 410	<i>Leadership Development &amp; Strategies for Women</i>	3
<b>TOTAL HOURS:</b> 127 hours minimum required; at least 47 hours must be 300-400 level.		

**WORSHIP COGNATE**

<b>Cognate Courses (12 hrs)</b>		
MUSC 201	<i>Creative Worship</i>	3
MUSC 202	<i>Old &amp; New Testament Music &amp; Worship</i>	3
MUSC 323	<i>Leadership, Philosophy, Music, &amp; Organization</i>	3
MUSC 423	<i>Congregation Contextualization/Leadership</i>	3
<b>Directed Courses (Required) (0-9 Hours)</b>		
MUSC 200	<i>Music, Art Worship &amp; Culture</i>	3
MUSC 313	<i>History of Music &amp; Worship</i>	3
YOUT 220	<i>Global Youth Culture</i>	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 47 hours must be 300-400 level.		

**Pastoral Leadership Major (B.S.)**

The B.S. in Pastoral Leadership provides thorough preparation in the exposition of biblical Scriptures and processing of leadership dynamics. The B.S. in Pastoral Leadership prepares the student to excel in ministry aptitude beyond some entry level seminary students.

**PURPOSE**

The B.S. in Pastoral Leadership is designed to provide a thorough, biblically-based approach to practical ministry leadership. This program emphasizes sound doctrine and the ability to exposit biblical Scriptures from an accurate, conservative, evangelical hermeneutic principle. Building upon the said foundation, the program also focuses on an effective homiletic presentation. Lastly, this program is designed to equip the student with leadership skills that parallel higher levels of leadership study.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Evaluate and demonstrate the skills necessary for Pastoral ministry.
2. Plan, organize, and develop Christian ministries.
3. Biblically justify essential truths of evangelical Christianity.
4. Apply the principles of biblical interpretation.

**Program of Study**

<b>Pastoral Leadership Major (B.S.)</b>		
<i>General Education: Core Competency Requirements (58-65 hrs)</i>		
<i>Courses in the Major (45 hrs)</i>		
BIBL 324	<i>Pastoral Epistles and Leadership Development</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 364	<i>Acts</i>	3
BIBL 425	<i>Romans</i>	3
BIBL 480	<i>Hermeneutics</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
PLED 201	<i>Foundation to Pastoral Leadership</i>	3
PLED 251	<i>Church Planting and Development</i>	3
PLED 301	<i>Family Ministry in the Church</i>	3
PLED 302	<i>Staff Management and Relations in Pastoral Leadership</i>	3
PLED 350	<i>Pastoral Duties</i>	3
PLED 351	<i>Church Assimilation and Development</i>	3
PLED 421	<i>Homiletics I</i>	3
PLED 452	<i>Critical Issues in Pastoral Leadership</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
<i>Free Electives (10-17 hrs) [6 hrs must be upper level]</i>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

**Youth Ministries Major (B.S.)**

The BS in Youth Ministries degree equips students who desire training in Youth Ministries for the local church and in the broader context of para-church and nonprofit organizations. This degree will help the student gain the knowledge, values and skills needed for providing Youth Ministries in a church and para-church vocation. Additionally, partnership with other schools within Liberty University provides cognates for marketability, based on students' future vocational goals (See cognates).

**PURPOSE**

The purpose of the BS in Youth Ministries degree is to equip students to demonstrate competence in engaging and educating adolescents within their culture from a biblical worldview. This program also equips students to demonstrate professional skills in planning, organizing, and developing Christian youth ministries.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Articulate/justify essential truths of Christianity.
2. Demonstrate competence in the use of sound principles in

biblical interpretation.

3. Demonstrate professional skill in planning, organizing, and developing Christian youth ministries.
4. Evaluate models of leadership and programs, as well as various philosophies of Christian youth ministries.
5. Demonstrate competence in engaging and educating adolescents within their culture from a biblical worldview.

**Career Opportunities**

- |   |                        |
|---|------------------------|
| Youth Ministry Director                 | Church Administration  |
| Para-church Leadership                  | Ministry Associate     |
| Ministry roles in bivocational settings | Associate Pastor       |
| Youth Camp Director                     | Youth Pastor           |
| Children's Pastor/Director              | Next Generation Pastor |
| College Ministry Pastor/Director        | Media Ministry         |

**Programs of Study**

<b>Youth Ministries Major (B.S.)</b>		
<i>General Education: Core Competency Requirements (58-65 hrs)</i>		
<i>Core Courses in the Major (48 hrs)</i>		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 480	<i>Hermeneutics</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
CHMN 205	<i>Church Ministry Practicum I</i>	1
CHMN 300	<i>Church Ministry Practicum II</i>	1
CHMN 305	<i>Church Ministry Practicum III</i>	1
CHMN 360	<i>Foundations of Ministry Programming</i>	3
CHMN 489	<i>Church Ministries Capstone</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
YOUT 201	<i>Surveys of Youth Ministries</i>	3
YOUT 310	<i>Strategies for Student Outreach</i>	3
YOUT 340	<i>Current Issues in Youth Ministry</i>	3
YOUT 380	<i>Ministering to Adolescents in Crisis</i>	3
YOUT 447	<i>Discipleship in Youth Ministry</i>	3
YOUT 448	<i>Contemporary Youth Communication</i>	3
YOUT 450	<i>Professional Orientation to Youth Ministry</i>	3
YOUT 460	<i>Programs for Youth Ministry</i>	3
YOUT 499	<i>Youth Ministry Internship</i>	3
<b>Directed Courses (Required) (0-6 Hours)* except Worship</b>		
PSYC 210	<i>Developmental Psychology</i>	3
YOUT 220	<i>Global Youth Culture</i>	3
<b>Free Electives (1-14 hrs) [If no Cognate is selected]</b>		
<b>Cognates (15 hrs)</b>		
<ul style="list-style-type: none"> <li>• Adventure Leadership and Outdoor Ministries</li> <li>• Biblical Studies</li> <li>• Christian Leadership</li> <li>• Cinematic Arts</li> <li>• Coaching</li> <li>• Global Studies</li> <li>• Pastoral Leadership</li> <li>• Sport Outreach</li> <li>• Technical Studies (11 hrs)</li> <li>• Theology and Apologetics</li> <li>• Women's Leadership</li> <li>• Worship (12 hrs)</li> </ul>		
* These courses are approved General Education courses and may be counted in the Core Competency requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 41 hours must be 300-400 level.		

**Cognates**

**ADVENTURE LEADERSHIP AND OUTDOOR MINISTRIES COGNATE**

<b>Cognate Courses (15 hrs)</b>		
ALOM 310	Adventure Leadership Foundations	3
ALOM 320	Adventure Leadership Programming	3
ALOM 360	Camping Ministry	3
/YOUT		
ALOM 370	Managing the Christian Youth Organization	3
/YOUT		
ALOM	Elective (any level)	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**BIBLICAL STUDIES COGNATE**

<b>Cognate Courses (15 hrs)</b>		
BIBL 324	Pastoral Epistles & Leadership Development	3
BIBL 364	Acts	3
BIBL 410	Genesis	3
BIBL 450	Daniel-Revelation	3
BIBL	Elective (300-400 level)	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**CHRISTIAN LEADERSHIP COGNATE**

<b>Cognate Courses (15 hrs)</b>		
CLED 300	Biblical & Theological Foundations for Leadership	3
CLED 365	Personal Development of the Leader	3
CLED 410	Team Dynamics in Christian Leadership	3
CLED 425	Ethical Issues in CLED	3
CLED	Elective	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**CINEMATIC ARTS COGNATE**

<b>Cognate Courses (15 hrs)</b>		
CINE 301	Cinema Legal Environment	3
CINE 302	Story Analysis	3
CINE 303	Producing and Acting	3
CINE 304	Production	3
CINE 305	Editing	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**COACHING COGNATE**

<b>Cognate Courses (15 hrs)</b>		
SMGT 300	Introduction to Coaching	3
SMGT 304	Coaching Football – OR	3
SMGT 306	Coaching Basketball	3
SMGT 307	Coaching Fall Sports	3
SMGT 308	Coaching Spring Sports	3
SMGT 314	Coaching Dynamics	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**GLOBAL STUDIES COGNATE**

<b>Cognate Courses (15 hrs)</b>		
GLST 200	Introduction to Global Studies	3
GLST 220	Intercultural Communication and Engagement	3
GLST 350	World Religions	3
GLST 390	Engaging Oral Communications	3
GLST	Elective (300-400 level)	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**PASTORAL LEADERSHIP COGNATE**

<b>Cognate Courses (15 hrs)</b>		
PLED 201	Foundation to Pastoral Leadership	3
PLED 301	Family Ministry in the Church	3
PLED 302	Staff Management/Relations in Pastoral Leadership	3
PLED 350	Pastoral Duties	3
PLED 251	Church Planting & Development – OR	3
PLED 351	Church Assimilation and Development	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**SPORT OUTREACH COGNATE**

<b>Cognate Courses (15 hrs)</b>		
SMGT 312	Introduction to Sport Ministry Outreach	3
SMGT 315	Concepts and Practices in Sport Outreach	3
SMGT 321	Global Sport Outreach	3
SMGT 401	Sport Methodology, Methods and Practices	3
SMGT 317	Mentoring in Sport – OR	3
SMGT 402	Sport Chaplaincy	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**TECHNICAL STUDIES COGNATE**

<b>Cognate Courses (11 hrs)*</b>		
CRFT 101	Introduction to Craft Skills	3
<b>Choose 8 hours from:</b>		8
CARP, ELTC, HVAC, STEM, PLMB, WELD		
<b>Free Electives (0-3 hrs)</b>		
* Some courses will be delivered at Virginia Technical Institute in Altavista, Virginia		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 41 hours must be 300-400 level.		

**THEOLOGY AND APOLOGETICS COGNATE**

<b>Cognate Courses (15 hrs)</b>		
APOL 325	Christianity & the Cults	3
THEO 330	Theology of the Family	3
THEO 412	The Church: Its Mission & Hope	3
THEO /	Elective (300-400 level)	3
APOL		
THEO /	Elective (300-400 level)	3
APOL		
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**WOMEN'S LEADERSHIP COGNATE**

<b>Cognate Courses (15 hrs)</b>		
WLED 220	Survey of Women's Ministries	3
WLED 320	The Christian Woman	3
WLED 330	The Leadership Role of Christian Women in Ministry	3
WLED 387	Methods of Teaching Bible & Religion for Women	3
WLED 410	Leadership Development & Strategies for Women	3
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 41 hours must be 300-400 level.		

**WORSHIP COGNATE****Cognate Courses (12 hrs)**

MUSC 201	<i>Creative Worship</i>	3
MUSC 202	<i>Old &amp; New Testament Music &amp; Worship</i>	3
MUSC 323	<i>Leadership, Philosophy, Music, &amp; Organization</i>	3
MUSC 423	<i>Congregation Contextualization/Leadership</i>	3

**Directed Courses (Required) (0-9 Hours)**

MUSC 200	<i>Music, Art Worship &amp; Culture</i>	3
MUSC 313	<i>History of Music &amp; Worship</i>	3
YOUT 220	<i>Global Youth Culture</i>	3

**Free Electives (0-2 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 41 hours must be 300-400 level.

**Adventure Leadership and Outdoor Ministry Minor****Adventure Leadership and Outdoor Ministry Minor (15 hrs)**

CHMN 201	<i>Introduction to Church Ministries</i>	3
ALOM 310	<i>Adventure Leadership Foundations</i>	3
ALOM 320	<i>Adventure Leadership Programming</i>	3
ALOM 360	<i>Camping Ministry</i>	3
ALOM 370	<i>Managing the Christian Organization</i>	3

**Pastoral Leadership Minor****Pastoral Leadership Minor (15 hrs)**

CHMN 201	<i>Introduction to Church Ministries</i>	3
PLED 201	<i>Foundation to Pastoral Leadership</i>	3
PLED 301	<i>Family Ministry in the Church</i>	3
PLED 302	<i>Staff Management and Relations in Pastoral Leadership</i>	3
PLED 350	<i>Pastoral Duties</i>	3

**Women's Ministries Minor****Women's Ministries Minor (15 hrs)**

CHMN 201	<i>Introduction to Church Ministries</i>	3
WMIN 220	<i>Survey of Women's Ministries</i>	3
WMIN 320	<i>The Christian Woman</i>	3
WMIN 330	<i>The Role of Christian Women in Ministry</i>	3
WMIN 387	<i>Methods of Teaching the Bible and Religion for Women</i>	3

**Youth Ministries Minor****Youth Ministries Minor (15 hrs)**

CHMN 201	<i>Introduction to Church Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
YOUT 301	<i>Foundations of Youth Ministry</i>	3
YOUT 448	<i>Contemporary Youth Communication</i>	3
YOUT 350	<i>Campus Ministry – OR</i>	
YOUT 370	<i>Managing the Christian Organization</i>	3

**Expositional Preaching Minor****PROGRAM LEARNING OUTCOME**

The student will be able to deliver an expository sermon, from different genres, for the purpose of Christ-centered proclamation.

**Expositional Preaching Minor (18 hrs)**

BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 370	<i>Logos Bible Software</i>	3
BIBL 480	<i>Hermeneutics</i>	3
PLED 421	<i>Homiletics I</i>	3
PLED 422	<i>Homiletics II</i>	3
PLED 446	<i>Christocentric Preaching</i>	3

**Department of Global Studies**

**Melody Harper, B.A., M.S.W., M.A.**

*Chair, Department of Global Studies*  
*Assistant Professor of Global Studies*

**Jeffrey Ritchey, B.A., M.A., M.Div., Ph.D.**

*Associate Chair, Department of Global Studies*  
*Assistant Professor of Global Studies*

**Global Studies Major (B.S.)**

Students majoring in Global Studies will be well-equipped for international engagement. They will learn the skills necessary to thrive, build relationships, and establish healthy careers in other cultures while developing an understanding of the particular dynamics that are associated with living and working abroad. To help accomplish this goal, the B.S. in Global Studies program requires students to either double-major or minor in another area.

**PURPOSE**

The B.S. in Global Studies seeks to provide students with a thorough foundation for effective engagement in intercultural careers and service. The program combines a comprehensive theory of global engagement with practical experience, culminating in a semester-long cultural immersion internship.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competency in cultural adaptation, research, and communication.
2. Employ critical thinking skills in addressing current issues in global engagement.
3. Analyze essential principles of effective global engagement.

**Program of Study****Global Studies Major (B.S.)****General Education: Core Competency Requirements (59-66 hrs)****Core Course in the Major (36 hrs)**

BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 425	<i>Romans</i>	3
BIBL 480	<i>Hermeneutics</i>	3
GLST 200	<i>Introduction to Global Studies</i>	3
<b>Choose one course (3 hrs) from the following:</b>		
GLST 350	<i>World Religions – OR</i>	
GLST 421	<i>Roman Catholicism – OR</i>	
GLST 425	<i>Animism – OR</i>	
GLST 431	<i>Introduction to Islam</i>	
GLST 385	<i>Career Preparation for Global Workers</i>	3
GLST 387	<i>Living Abroad</i>	3
GLST 388	<i>Ethnographic Research</i>	3
GLST 389	<i>Barefoot Language Learning</i>	3
GLST 490	<i>Trends and Issues in Global Studies</i>	3
GLST 499	<i>Global Studies Internship</i>	3

**Approved Minor or Double Major (15-21 hrs)**

Students will be required to obtain a minor or a double major

**Directed Courses Required (0-6 hrs)\***

LANG ____	<i>Must be the same language</i>	3
LANG ____	<i>Must be the same language</i>	3

**Free Electives (3-10 hrs)****Additional Requirements for Major:**

Taylor-Johnson Assessment  
UCipher™ Graduate Assessment

\* These are approved General Education courses and may be counted in the Core Competency requirements.

**TOTAL HOURS:** 120 hours minimum required; at least 33 hours must be 300-400 level.

**Global Studies Minor**

Global Studies Minor (15 hrs)		
GLST 200	<i>Introduction to Global Studies</i>	3
GLST 220	<i>Intercultural Communication and Engagement*</i>	3
GLST 290	<i>Cultural Anthropology*</i>	3
GLST 385	<i>Career Preparation for Global Workers</i>	3
GLST ____	Elective (300-400 level)	3
* When this minor has been declared, GLST 220 substitutes for EVAN 101 and GLST 290 substitutes for GOVT 200, PSYC 101 or 201, SOCI 200 or 201		

**Department of Biblical & Theological Studies**

**Mark Allen, B.A., Th.M., D.Min., Ph.D.**  
 Chair, Department of Biblical & Theological Studies  
 Associate Professor of Religion

**Richard Alan Fuhr, B.S., M.A., M.Div., Th.M., Ph.D.**  
 Director of Biblical Studies  
 Associate Professor of Religion

**PURPOSE**

The Department of Biblical and Theological Studies aims to provide a thorough, biblically-based, cognitive, and spiritual foundation for students who desire to pursue further academic training at the graduate level or who want to be better prepared for Christian life and service. In the current academic climate, there is a need for individuals who are educated and equipped to speak to foundational doctrinal issues for both academic professionals and lay people from an orthodox, biblically-informed evangelical position. These programs will lay the foundation for students who have an interest in further pursuing development in this area.

**Career Opportunities**

- |                     |                       |
|---------------------|-----------------------|
| Academic Leadership | Christian Educator    |
| Archaeologist       | Historical Tour Guide |
| Author              | Research Assistant    |
| Biblical Translator |                       |

**Biblical Studies Major (B.A.)**

The B.A. in Biblical Studies focuses on foundational studies prior to seminary or graduate programs. This program offers a thorough study of the books, themes, history, and development of the Christian Bible.

**PURPOSE**

The B.A. in Biblical Studies is a well-rounded degree that seeks to provide students with a foundation in Old Testament, New Testament, biblical languages, biblical backgrounds, hermeneutical methodology. This purpose is accomplished with a view to preparing students for their chosen vocation and to equipping them to engage the culture relevantly with the truth of the Gospel of the Lord Jesus Christ.

**PROGRAM LEARNING OUTCOMES**

- The student will be able to:
1. Biblically justify essential truths of evangelical Christianity.
  2. Apply the principles of biblical interpretation.
  3. Analyze the syntax of biblical Greek.

4. Analyze the background, theological motifs, literature, and content of the Bible.

**Program of Study**

Biblical Studies Major (B.A.)		
<b>General Education: Core Competency Requirements (52-59 hrs)</b>		
<b>Liberal Arts Focus: Language Requirements (12 hrs)</b>		
GREK 201	<i>Greek Grammar I</i>	3
GREK 202	<i>Greek Grammar II</i>	3
GREK 301	<i>Greek Grammar III</i>	3
GREK 302	<i>Greek Syntax and Reading</i>	3
<b>Integrative Studies (6 hrs)</b>		
<b>Courses in the Major (42 hrs)</b>		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 410	<i>Genesis</i>	3
BIBL 425	<i>Romans</i>	3
BIBL 450	<i>Daniel-Revelation</i>	3
BIBL 480	<i>Hermeneutics</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
<b>Bible Backgrounds (Select two courses)(6 hrs)</b>		
BIBL 471	<i>Biblical Archaeology</i>	3
BIBL 472	<i>New Testament Backgrounds</i>	3
BIBL 473	<i>Old Testament Backgrounds</i>	3
<b>Old Testament Elective</b>		
BIBL ____	Select one course from: BIBL 311, 314, 316, or 317	3
<b>New Testament Elective</b>		
BIBL ____	Select one course from: BIBL 323, 324, 330, or 364	3
<b>Hebrew OR Biblical Theology Courses (6 hrs)</b>		
HBRW 201	<i>Hebrew Grammar I – AND</i>	3
HBRW 202	<i>Hebrew Grammar II</i>	3
<b>OR</b>		
BIBL 460	<i>Old Testament Theology – AND</i>	3
BIBL 461	<i>New Testament Theology</i>	3
GREK 401	<i>Greek Exegesis – OR</i>	3
BIBL ____	Upper-level Elective	
BIBL ____	Upper-level Elective	3
<b>Free Electives (1-8 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 48 hours must be 300-400 level.		

**Religious Studies Major (B.S.)**

The B.S. in Religious Studies major will provide an undergraduate degree program for students who have a particular interest in pursuing further academic studies in the various religious studies disciplines. Concentrations are offered in Biblical Languages, Global Studies, Jewish Studies, New Testament, Old Testament, and Theology and Apologetics.

**PURPOSE**

The B.S. in Religious Studies seeks to provide the student with a general knowledge of the Bible, church history, apologetics, and hermeneutical methodology, while allowing these students to focus on one of six concentrations: Biblical Languages; Jewish Studies; Old Testament; New Testament; Theology and Apologetics; and Global Studies. This purpose is accomplished with a view to preparing students for their chosen vocation and to equipping them to engage the culture relevantly with the truth of the Gospel of the Lord Jesus Christ.



**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Biblically justify essential truths of evangelical Christianity.
2. Apply the principles of biblical interpretation.
3. Analyze the major figures, events, and issues within church history.
4. Distinguish between the major religions of the world.

**Biblical Languages Concentration**

The student will be able to analyze the syntax of biblical Greek and Hebrew.

**Global Studies Concentration**

The student will be able to analyze the essential principles and current issues of global engagement.

**Jewish Studies Concentration**

The student will be able to articulate the history of Israel, the biblical promises made to Israel, and the issues affecting the relationship between the church and Israel.

**New Testament Concentration**

The student will be able to analyze the background, theological motifs, literature, and content of the New Testament.

**Old Testament Concentration**

The student will be able to analyze the background, theological motifs, literature, and content of the Old Testament.

**Theology and Apologetics Concentration**

The student will be able to evaluate and defend the major doctrines of and challenges to Christianity.

**Programs of Study**

<b>Religious Studies Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (58-65 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</b>		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 425	<i>Romans</i>	3
BIBL 480	<i>Hermeneutics</i>	3
CHHI 301	<i>History of Christian Church I</i>	3
CHHI 302	<i>History of Christian Church II</i>	3
GLST 350	<i>World Religions</i>	3
PHIL 240	<i>Christian Evidences</i>	3
RLST 489	<i>Religious Studies Capstone</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
<b>Concentrations (18 hrs)</b>		
<ul style="list-style-type: none"> <li>• Biblical Languages</li> <li>• Global Studies*</li> <li>• Jewish Studies</li> <li>• New Testament</li> <li>• Old Testament</li> <li>• Theology and Apologetics</li> </ul>		
* Students taking the <b>Global Studies Concentration</b> complete 59-66 hours in the Core Competency Requirements and take GLST 220 <i>Intercultural Communication and Engagement</i> (3 hrs) and do not complete EVAN 101 <i>Evangelism and Christian Life</i> (2 hrs)		
<b>TOTAL HOURS:</b> 120 hours minimum required		

**Concentrations**

<b>Biblical Languages Concentration</b>		
<b>Concentration Courses (18 hrs)</b>		
GREK 201	<i>Greek Grammar I</i>	3
GREK 202	<i>Greek Grammar II</i>	3
GREK 301	<i>Greek Grammar III</i>	3
GREK 302	<i>Greek Syntax and Reading</i>	3
HBRW 201	<i>Hebrew Grammar I</i>	3
HBRW 202	<i>Hebrew Grammar II</i>	3
<b>Free Electives (10-17 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 30 hours must be 300-400 level.		

<b>Global Studies Concentration</b>		
<b>Concentration Courses (18 hrs)</b>		
GLST 200	<i>Introduction to Global Studies</i>	3
GLST 385	<i>Career Preparation for Global Workers</i>	3
GLST 421	<i>Roman Catholicism –OR–</i>	3
GLST 425	<i>Animism –OR–</i>	
GLST 431	<i>Introduction to Islam</i>	
GLST 490	<i>Trends and Issues in Global Studies</i>	3
GLST ____	Elective (300-400 level)	3
GLST 499	<i>Global Studies Internship</i>	3
<b>Directed Courses (Required) (0-6 hrs)*</b>		
LANG ____	<i>Must be the same language</i>	3
LANG ____	<i>Must be the same language</i>	3
<b>Free Electives (9-16 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 39 hours must be 300-400 level.		

<b>Jewish Studies Concentration</b>		
<b>Concentration Courses (18 hrs)</b>		
BIBL 431	<i>Israelology</i>	3
BIBL 432	<i>Messianic Prophecy</i>	3
BIBL /	<i>The Jewish Temple in History and</i>	3
GOVT 433	<i>Prophecy</i>	
BIBL 434	<i>General Studies in Israel Seminar</i>	3
BIBL 471	<i>Biblical Archaeology</i>	3
THEO /	<i>Middle East Conflict in Biblical</i>	3
GOVT 450	<i>Perspective</i>	
<b>Free Electives (10-17 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

<b>New Testament Concentration</b>		
<b>Concentration Courses (18 hrs)</b>		
BIBL 323	<i>John</i>	3
BIBL 324	<i>Pastoral Epistles and Leadership Development</i>	3
BIBL 364	<i>Acts</i>	3
BIBL 460	<i>New Testament Theology</i>	3
BIBL 472	<i>New Testament Backgrounds</i>	3
BIBL ____	Upper-level New Testament Elective	3
<b>Free Electives (10-17 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

**Old Testament Concentration****Concentration Courses (18 hrs)**

BIBL 314	<i>Old Testament Poetic Books</i>	3
BIBL 316	<i>Isaiah</i>	3
BIBL 410	<i>Genesis</i>	3
BIBL 461	<i>Old Testament Theology</i>	3
BIBL 473	<i>Old Testament Background</i>	3
BIBL ____	Upper-level Old Testament Elective	3

**Free Electives (10-17 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 42 hours must be 300-400 level.

**Theology and Apologetics Concentration****Concentration Courses (18 hrs)**

APOL 325	<i>Christianity and the Cults</i>	3
PHIL 210	<i>Logic</i>	3
THEO 311	<i>Revelation, Authority, and Reason</i>	3
THEO 412	<i>The Church: Its Mission and Hope</i>	3
THEO 430	<i>Modern and Contemporary Theology</i>	3
APOL/CHHI/THEO	Upper-level elective	3

**Free Electives (10-17 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 39 hours must be 300-400 level.

**Biblical Greek Minor****PROGRAM LEARNING OUTCOME**

The student will be able to translate, parse, identify grammatical constructions, and properly exegete a given passage of the Greek New Testament.

**Biblical Greek Minor (15 hrs)**

GREK Electives	15
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**Biblical Languages Minor****Biblical Languages Minor (18 hrs)**

GREK 201	<i>Greek Grammar I</i>	3
GREK 202	<i>Greek Grammar II</i>	3
GREK 301	<i>Greek Grammar III</i>	3
GREK 302	<i>Greek Syntax and Reading</i>	3
HBRW 201	<i>Hebrew Grammar I</i>	3
HBRW 202	<i>Hebrew Grammar II</i>	3

**Biblical Studies Minor****Biblical Studies Minor (15 hrs)**

BIBL ____	Electives (300-400 level)	12
	<b>Choose one course from the following:</b>	3
BIBL 471	Biblical Archaeology	
BIBL 472	New Testament Backgrounds	
BIBL 473	Old Testament Backgrounds	

**Jewish Studies Minor****Jewish Studies Minor (15 hrs)**

BIBL 431	<i>Israelology</i>	3
BIBL 432	<i>Messianic Prophecy</i>	3
BIBL /	<i>The Jewish Temple in History and Prophecy</i>	3
GOVT 433		
BIBL 471	<i>Biblical Archaeology</i>	3
THEO 450	<i>Middle East Conflict in Biblical Perspective</i>	3

**New Testament Minor****New Testament Minor (15 hrs)**

BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 472	<i>New Testament Backgrounds</i>	3
BIBL 460	<i>New Testament Theology – OR</i>	3
BIBL	New Testament Elective (300-400 level)	
BIBL ____	Choose one course from	3
	BIBL 323, 324, 330, or 364	
BIBL ____	Choose one course from	3
	BIBL 425*, 450, 471, or 480*	

\*Needs approval of Department Chair

**Old Testament Minor****Old Testament Minor (15 hrs)**

BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 473	<i>Old Testament Backgrounds</i>	3
BIBL 461	<i>Old Testament Theology – OR</i>	3
BIBL	Old Testament Elective (300-400 level)	
BIBL ____	Choose one course from	3
	BIBL 311, 314, 316, or 317	
BIBL ____	Choose one course from	3
	BIBL 410, 450, 471, or 480*	

\*Needs approval of Department Chair

**Theology Minor****Theology Minor (15 hrs)**

THEO Electives (9 hours 300 – 400 level)	15
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**Theology and Apologetics Minor****Theology and Apologetics Minor (15 hrs)**

APOL 325	<i>Christianity and the Cults</i>	3
THEO 311	<i>Revelation, Authority, and Reason</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
THEO 412	<i>The Church: Its Mission and Hope</i>	3
THEO 430	<i>Modern and Contemporary Theology</i>	3

## School of Religion – Online Programs

### Administration

**Edward E. Hindson, B.A., M.A., Th.M., Th.D., D.Min., D.Phil., F.I.B.A.**

*Dean, School of Religion*

*Distinguished Professor of Biblical Studies and Religion*

**Gabriel Etzel, B.S., M.A.R., M.Div., D.Min.**

*Associate Dean, School of Religion*

*Associate Professor of Religion*

**John B. Cartwright, B.S., M.A.R., M.Div.**

*Chair, School of Religion*

*Assistant Professor of Religion*

**Scott Phillips, B.A., M.A.B.S., M.Div., Th.M., D.Min.**

*Chair, School of Religion*

*Associate Professor of Religion*

**Rick Rasberry, B.A., M.Ed., M.A.R., D.Min.**

*Chair, School of Religion*

*Associate Professor of Religion*

**Martin E. Sheldon, B.A., M.Div., Th.M., Ph.D.**

*Chair, School of Religion*

*Assistant Professor of Religion*

**Troy Temple, B.S., M.A., Ph.D.**

*Chair, School of Religion*

*Professor of Religion*

### Faculty

All faculty are listed at the end of this catalog in the Faculty Roster. There are separate rosters for Full-Time and Part-Time faculty. The entire roster can also be viewed online at <http://www.liberty.edu/index.cfm?action=faculty&PID=19959&CaUID=22> where faculty can be searched for by Department.

### Biblical and Educational Studies Major (B.S.)

#### PURPOSE

The B.S. in Biblical and Educational Studies major prepares individuals for future careers in biblical education within both Christian/private schools and the church setting. The degree maintains a balance of educating its majors in the biblical discipline and the educational principles necessary for planning, organizing, and managing curriculum within a classroom setting.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate a broad base of general and professional knowledge.
2. Plan effective instruction and select a variety of strategies based on developmental levels and individual needs in course case studies.
3. Demonstrate the understanding of differentiated instruction.
4. Demonstrate an understanding of classroom management to motivate students and maximize learning.
5. Demonstrate behaviors of a reflective student and seek opportunities for professional development.
6. Articulate and biblically justify essential truths of evangelical Christianity.
7. Demonstrate knowledge of the structure and content of the Bible.

8. Demonstrate competence in the use of sound principles of biblical interpretation.

### Career Opportunities

Educational Ministries Director

Teacher

### Program of Study

#### Biblical and Educational Studies Major (B.S.)

**General Education: Core Competency Requirements (42 hrs)**  
**Skills and Knowledge (6 hrs)**

**Core Courses in the Major (51 hrs)**

BIBL 350	<i>Inductive Bible Study</i>	3
CHHI 301	<i>History of the Christian Church I</i>	3
CHHI 302	<i>History of the Christian Church II</i>	3
CHMN 387	<i>Methods of Teaching Bible and Religion</i>	3
EDUC 200	<i>Principles of Education</i>	3
EDUC 205	<i>Learning Theory and Portfolio Development</i>	3
EDUC 303	<i>Instructional Practices for Content Teachers</i>	3
EDUC 304	<i>Classroom Management for Teachers</i>	3
EDUC 305	<i>Educational Philosophy for Teachers</i>	3
EDUC 307	<i>Instructional Practices for Differentiated Instruction</i>	3
EDUC 390	<i>Teaching Practicum</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
BIBL/THEO*		15
<b>Electives (18 hrs)</b>		18
<b>Graduation Requirement (3 hrs)</b>		
CRST 290	<i>History of Life</i>	3

\* Choose a BIBL or THEO course not already required as a Core Competency Requirement or in the Core (BIBL 104 and THEO 104 are not approved electives)

**TOTAL HOURS:** 120 minimum; 30 hours must be upper level

### Christian Leadership and Management Major (B.S.)

#### PURPOSE

The B.S. in Christian Leadership and Management major prepares individuals for executive leadership positions within both the church and business settings. The degree maintains a balance of educating its majors in principles of Christian leadership and basic business management and leadership skills.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate competence in core business principles and strategies.
2. Articulate and biblically justify essential truths of evangelical Christianity.
3. Evaluate the development, foundations, and strategies of Christian leadership.

### Career Opportunities

Administrative Pastor

Educator

Educational Administration  
 Executive Leadership  
 Manager  
 Non-profit Organizer

**Program of Study**

<b>Christian Leadership and Management Major (B.S.)</b>	
<i>General Education: Core Competency Requirements (42 hrs)</i>	
<i>Skills and Knowledge (6 hrs)</i>	
<i>Courses in the Major (51 hrs)</i>	
ACCT 211	Principles of Accounting I 3
ACCT 212	Principles of Accounting II 3
BIBL 350	Inductive Bible Study 3
BIBL 364	Acts 3
BIBL 425	Romans 3
BUSI 301	Business Law 3
BUSI 310	Principles of Management – OR 3
BUSI 409	Non-Profit Management 3
BUSI 320	Corporate Finance 3
BUSI 330	Principles of Marketing 3
BUSI 340	Organizational Behavior I 3
BUSI 342	Human Resource Management – OR 3
BUSI 411	Operations Management 3
CHMN 201	Introduction to Church Ministries 3
CHMN 387	Methods of Teaching Bible and Religion 3
CLED 300	Biblical and Theological Foundations of Leadership 3
CLED 365	The Personal Development of the Leader 3
CLED 489	Capstone Seminar 3
THEO 350	Fundamental Theological Issues 3
<i>Electives (18 hrs)</i>	18
<i>Graduation Requirement (3 hrs)</i>	
CRST 290	History of Life 3
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level	

**Religion Major (B.S.)**

**PURPOSE**

The B.S. in Religion major provides a broad introduction to the major issues, themes, and ideas of religious studies to prepare individuals for diverse vocational opportunities. With cognates in Biblical and Theological Studies, Christian Counseling, and Christian Ministries, graduates from this program are prepared to continue on to graduate studies through a seminary or graduate program.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Articulate and biblically justify essential truths of evangelical Christianity.
2. Demonstrate knowledge of the structure and content of the Bible.
3. Demonstrate competence in the use of sound principles of biblical interpretation.

**Program of Study**

<b>Religion Major (B.S.)</b>	
<i>General Education: Core Competency Requirements (42 hrs)</i>	
<i>Skills and Knowledge (6 hrs)</i>	
<i>Core Courses in the Major (27 hrs)</i>	
BIBL 350	Inductive Bible Study 3
BIBL 364	Acts 3
BIBL 425	Romans 3
CHHI 301	History of the Christian Church I 3

CHMN 201	Introduction to Church Ministries	3
CHMN 387	Methods of Teaching Bible and Religion	3
GLST 200	Introduction to Global Studies	3
RLGN 489	Capstone Seminar	3
THEO 350	Fundamental Theological Issues	3
<i>Cognate Courses (15 hrs)</i>		15
<i>Electives (27 hrs)</i>		27
<i>Graduation Requirement (3 hrs)</i>		
CRST 290	History of Life	3
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level		

**Cognates**

<b>BIBLICAL AND THEOLOGICAL STUDIES COGNATE</b>	
<i>Cognate Courses (15 hrs)</i>	
THEO 313	Person and Work of Christ – OR 3
THEO 330	Theology of the Family 6
<i>Choose two courses (6 hrs) from the following:</i>	
BIBL 323	John 6
BIBL 410	Genesis 6
BIBL 450	Daniel – Revelation 6
BIBL 471	Biblical Archaeology 6
<i>Choose two courses (6 hrs) from the following disciplines not already required in the Core or the Cognate*:</i>	
BIBL, CHHI, THEO	
*BIBL 104 and THEO 104 are not approved electives	

<b>CHRISTIAN COUNSELING COGNATE</b>	
<i>Cognate Courses (15 hrs)</i>	
CCOU 201	Introduction to Christian Counseling 3
CCOU 202	Issues of Christian Counseling 3
<i>Choose three courses (9 hrs) from the following:</i>	
CCOU 301	Christian Counseling for Marriage and Family 9
CCOU 302	Christian Counseling for Children 9
CCOU 304	Christian Counseling for Women 9
CCOU 305	Issues in Human Sexuality 9

<b>CHRISTIAN MINISTRIES COGNATE</b>	
<i>Cognate Courses (15 hrs)</i>	
<i>Choose five (5) courses from the following disciplines not already required in the Core or the Cognate</i>	
GLST/PLED/YOUT	15
<i>Free Electives (27 hrs)</i>	
Student may need 9 hours or more of upper level electives to fulfill 30 hour upper level requirement	

<b>EVANGELISM COGNATE</b>	
<i>Cognate Courses (15 hrs)</i>	
GLST 220	Intercultural Comm. & Engagement 3
EVAN 201	Preparation and Personal Evangelism 3
EVAN 220	Effective Message Prep. in Evangelism 3
EVAN 301	Evangelism and the Work of the Holy Spirit 3
EVAN 401	Discipleship in Evangelism 3
<i>Free Electives (27 hrs)</i>	
Student may need 3 hours or more of upper level electives to fulfill 30 hour upper level requirement	

### Biblical Studies Minor

Biblical Studies Minor (15 hrs)		
BIBL	Electives (300-400 Level)	12
BIBL 471	<i>Biblical Archaeology – OR</i>	3
BIBL 472	<i>New Testament Backgrounds – OR</i>	
BIBL 473	<i>Old Testament Backgrounds</i>	

### Church Ministries Minor

Church Ministries Minor (15 hrs)		
CHMN 201	<i>Introduction to Church Ministries</i>	3
PLED 450	<i>Leadership and Management of the Local Church</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
<b>Choose two courses (6 hrs) from the following:</b>		6
CHLD/CHMN/PLED/YOUT		

### Evangelism Minor

Evangelisms Minor (15 hrs)		
EVAN 101	<i>Evangelism and the Christian Life</i>	3
EVAN 201	<i>Preparation for Personal Evangelism</i>	3
EVAN 220	<i>Effective Message Preparation in Evangelism</i>	3
EVAN 301	<i>Evangelism and the Work of the Holy Spirit</i>	3
EVAN 401	<i>Discipleship in Evangelism</i>	3

### Religion Major (A.A.)

#### PURPOSE

The Associate of Arts Degree in Religion is designed to offer students foundational training in a broad range of areas. It allows students to gain a thorough knowledge of the Bible, theology, and practical ministry. It is ideal for students who serve as church laymen in various roles as well as those who desire to enhance their training gained from a previous undergraduate degree.

Graduates of this degree may transfer their courses into a bachelor's degree program at Liberty if they desire to continue their undergraduate education.

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Articulate and biblically justify essential truths of evangelical Christianity.
2. Demonstrate competence in the use of sound principles of biblical interpretation.

### Program of Study

Religion Major (A.A.) (24 hrs)		
<b>General Education: Core Competency Requirements (27 hrs)</b>		
<b>Skills and Knowledge (6 hrs)</b>		
<b>Courses in the Major (24 hrs)</b>		
BIBL 105	<i>Old Testament Survey</i>	3
BIBL 110	<i>New Testament Survey</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
THEO 201	<i>Theology Survey I</i>	3
THEO 202	<i>Theology Survey II</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
CHMN/GLST/PHIL Elective (except PHIL 104)		3
CHMN/PLED/YOUT Elective		3
<b>Graduation Requirement (3 hrs)</b>		
CRST 290	<i>History of Life</i>	3
<b>TOTAL HOURS: 60 minimum</b>		

### Liberty University en Español

The School of Religion also offers the Bachelor of Science in Religion with a cognate in Biblical and Theological Studies, as well as the Associate of Arts in Religion and the Certificate in Biblical Studies online through Liberty University en Español. Additional information is available at <http://www.liberty.edu/online/lue-inicio/>.

## Undergraduate Certificates

The School of Religion offers undergraduate certificates in several areas of study through Liberty University Online.

#### CERTIFICATE COMPLETION REQUIREMENTS

1. Complete 18 total hours with a 2.00 GPA
2. All courses must be completed through Liberty University
3. No grade of "D" may be applied to the certificate
4. Submission of Certificate Completion Application at beginning of final semester

### Certificate in Biblical Studies

Biblical Studies Certificate (18 hrs)		
BIBL 105	<i>Old Testament Survey</i>	3
BIBL 110	<i>New Testament Survey</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
THEO 201	<i>Theology Survey I</i>	3
THEO 202	<i>Theology Survey II</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3

### Certificate in Christian Ministry

Christian Ministry Certificate (18 hrs)		
EVAN 101	<i>Evangelism and the Christian Life</i>	3
APOL 104	<i>Contemporary Worldviews</i>	3
BIBL 104	<i>Survey of Biblical Literature</i>	3
THEO 104	<i>Introduction to Christian Thought</i>	3
CHMN 201	<i>Introduction to Christian Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3

### Certificate in Global Studies

Global Studies Certificate (18 hrs)		
GLST 200	<i>Introduction to Global Studies</i>	3
GLST 220	<i>Intercultural Communication and Engagement</i>	3
GLST 290	<i>Cultural Anthropology</i>	3
GLST 385	<i>Career Preparation for Global Workers</i>	3
GLST 499	<i>Global Studies Internship</i>	3
THEO 201	<i>Theological Survey I</i>	3

#### CERTIFICATE COMPLETION PLANS

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=279>

## Christian/Community Service

### Lew Weider, B.S., M.A., Ed.D.

Director of Christian/Community Service  
Professor of Biblical Worldview

### N. Troy Matthews, B.A., M.R.E., Ed.D.

Associate Director of Christian/Community Service  
Professor of Biblical Worldview

### Will Honeycutt, B.S., M.Div., D.Min.

Assistant Director of Christian/Community Service  
Assistant Professor of Biblical Worldview

### Stephen Putney, Th.B., Th.M., D.Min.

Assistant Director of Christian/Community Service  
Associate Professor of Biblical Worldview

### Robert Van Engen, B.S., M.A., Ph.D.

Assistant Director of Christian/Community Service  
Assistant Professor of Biblical Worldview

### Darren C. Wu, B.S.M.E., M.A.R.

Christian/Community Service Coordinator  
Assistant Professor of Biblical Worldview

### PURPOSE

The Center for Christian/Community Service guides the Academic and Experiential Learning programs in planning, developing and maintaining quality programs. It also seeks to maintain efficient and cost effective measures in the administration and delivery of its programs.

### OBJECTIVES

The Center for Christian/Community Service seeks to support the University in fulfilling its Mission and Aims by providing experiences for students that:

1. Promotes the development of the biblical/Christian worldview.
2. Develops a sense of responsibility to mankind which entails selfless service, and active and clear communication of the Christian faith.
3. Offers opportunities to explore and practice ways to glorify God and advance the cause of Christ through his/her chosen careers.
4. Provides avenues to explore ways of displaying Christian commitment and virtue through local churches, or social, civic, athletic, artistic, or scholastic organizations compatible with the University's mission.

### Academic Program

(BWVW 101, 102, 301)

### PURPOSE

The Academic program is designed to assist students in developing and demonstrating competency and proficiency in the biblical/Christian worldview. The curriculum is regularly reviewed for quality and for compliance with accreditation standards.

### PROGRAM LEARNING OUTCOME

The student will be able to:

1. Articulate and apply the biblical/Christian worldview to contemporary issues.

### Experiential Program (CSER)

#### PURPOSE

The Experiential Learning program is designed to assist students in developing and demonstrating competency and proficiency in Christian/Community service. The curriculum is regularly reviewed for quality and for compliance with accreditation standards. The program is designed to provide opportunities for the students to develop and practice skills in citizenship and social responsibility

#### PROGRAM LEARNING OUTCOME

The student will be able to:

1. Demonstrate the value of Christian/Community service.
2. Give evidence of skills learned through Christian /Community service.

#### CHRISTIAN SERVICE (CSER) REQUIREMENT

Christian/Community Service is required for each semester of full-time enrollment for all residential undergraduate students whether they are taking residential or Liberty University Online courses. Undergraduate students are considered full-time if they are taking twelve (12) or more credit hours in a given semester.

To graduate from Liberty University, all full-time, residential undergraduate students must successfully complete one CSER requirement for each full-time semester that they are a student, up to eight (8) semesters.

A student's first two CSER requirements are BWVW 101, *Biblical Worldview I*, and BWVW 102, *Biblical Worldview II*. They must then successfully complete at least one CSER for each full-time semester that they are enrolled, up to six (6) more semesters.

To receive CSER credit students may not:

- Receive monetary compensation
- Receive academic credit
- Be awarded a scholarship

A CSER must fit within the framework of the purpose and goals of the department, which may include any, or all, of the following:

- Evangelism
- Discipleship
- Tutoring/mentoring
- Civic and community services (this does not include political campaigning)
- Community improvement
- Alleviation of human suffering
- Assisting the underprivileged and less fortunate
- Education and development of children/adults
- Educational assistance
- Stewardship of the earth (environmental projects, care for animals, etc.)

The Liberty University Christian/Community Service Official Policy Handbook and a list of service opportunities are available online at <http://www.liberty.edu/cser>.

## *Willmington School of the Bible – Online Program*

### *Graduate of Theology Certificate (Th.G.)*

#### **PURPOSE**

The supreme goal and purpose of the Willmington School of the Bible is adequately and scripturally to prepare men and women of God in ministering God's message of the first century to the world in the 21st century.

#### **GOALS**

The Willmington School of the Bible exists to train Christ-exalting leaders for local church ministry with the following emphases:

1. To train men and women for church leadership;
2. To assist in developing competencies for effectively communicating this teaching plan to others;
3. To equip learners to become role-models of the victorious Christian life; and
4. To assist in implementing a plan of action for fulfilling God's call on one's life.

#### **PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate a comprehension of the biblical foundation of the Christian faith.
2. Present a reasoned defense of the Christian faith.
3. Critique contemporary issues from the perspective of a biblical worldview.
4. Resolve ethical dilemmas through the application of relevant biblical principles.
5. Communicate effectively in a ministry setting.

#### **EVALUATION OF TRANSFER CREDIT**

Students may transfer all semester hours earned in the Willmington School of the Bible Th.G. Diploma to Liberty's undergraduate degree program in Religion or Biblical Studies.

### *Program of Study*

#### **Biblical Studies Major (Th.G.) (60 hrs)**

##### *Required Courses (33 hrs)*

GBST 103	<i>Survey of the Old Testament I</i>	3
GBST 104	<i>Survey of the Old Testament II</i>	3
GBST 105	<i>Survey of the Old Testament III</i>	3
GBST 163	<i>Survey of the New Testament I</i>	3
GBST 164	<i>Survey of the New Testament II</i>	3
GBST 165	<i>Survey of the New Testament III</i>	3
PRTH 172	<i>Hermeneutics I</i>	3
PRTH 173	<i>Hermeneutics II</i>	3
THEO 107	<i>Theological Survey I</i>	3
THEO 108	<i>Theological Survey II</i>	3
THEO 109	<i>Theological Survey III</i>	3

##### *Elective Courses (27 hrs)*

**TOTAL HOURS:** 60 hours minimum; 100% of course work must be completed through Willmington School of the Bible. 2.00 minimum GPA.

## *Courses of Instruction – Certificate Program*

### **APOLOGETICS**

**APOL 120** *Apologetics* 3 hours

A survey of the evidences for the central truths of Christianity: the existence of God, the deity and resurrection of Christ, and the authority and truth of the Bible.

### **BIBLICAL STUDIES**

**BIBL 150** *Genesis* 3 hours

An intensive doctrinal and historical study of the text considering the related issues of chronology, creation, the fall, the flood, and the Patriarchal cultural setting. The lives of Abraham, Isaac, Jacob and Joseph are given special attention for their practical value.

**BIBL 160** *Gospel of John* 3 hours

A thorough investigation of the fourth Gospel, highlighting the person and work of Jesus Christ, God's own Son. Differences between this Gospel and the Synoptics will be considered.

**BIBL 161** *Romans* 3 hours

A thorough consideration of Paul's theological masterpiece which forms a foundation for understanding the remaining epistles. Various doctrines that appear in this book will also be examined.

**BIBL 162** *Revelation* 3 hours

A comprehensive study of the Revelation. Particular emphasis is given to understanding the correct method of interpreting the book. The verse-by-verse study will be supplemented with historical, doctrinal, and eschatological materials.

**BIBL 163** *Hebrews* 3 hours

An intensive exegetical study of Hebrews. The course includes an investigation of the doctrines of Christ, especially His mediatorship and priesthood and the use of the Old Testament in this book. A verse-by-verse exposition will follow a brief study of authorship, background, destination and purpose.

**BIBL 165** *Acts* 3 hours

A study of the growth and development of the first century church as recorded by the accurate historian, Luke. Special attention will be given to the activity of the Holy Spirit in the ministries of Peter and Paul.

### **CHURCH HISTORY**

**CHHI 105** *Church History I* 3 hours

A survey of the first fourteen centuries of the Christian Church including the persecutions, the rise of heresy, the development of Roman Catholicism during the Middle Ages, and the groups which dissented against Roman Catholicism.

**CHHI 110** *Church History II* 3 hours

A study of historical Christianity from the fifteenth century to the present. Includes the major personalities, events, and results of the Protestant Reformation, the rise of modern denominationalism, modern Roman Catholicism, the ecumenical movement and current developments. Special attention is given to the development of American Christianity.

**GENERAL BIBLICAL STUDIES**

- GBST 103** *Survey of the Old Testament I* 3 hours  
A comprehensive survey of the Old Testament Pentateuch.
- GBST 104** *Survey of the Old Testament II* 3 hours  
A comprehensive survey of the Old Testament historical and wisdom literature.
- GBST 105** *Survey of the Old Testament III* 3 hours  
A comprehensive survey of the Old Testament prophetic books.
- GBST 163** *Survey of the New Testament I* 3 hours  
A comprehensive survey of the New Testament books of Matthew through John.
- GBST 164** *Survey of the New Testament II* 3 hours  
A comprehensive survey of the New Testament books of Acts through Philippians.
- GBST 165** *Survey of the New Testament III* 3 hours  
A comprehensive survey of the New Testament books of Colossians through Revelation.

**PRACTICAL THEOLOGY**

- PRTH 140** *Church Administration* 3 hours  
This course combines pastoral theology and “how to” principles in all the work of Christian ministry including the administration of local church business affairs and other operations. Church planting recommendations are included.
- PRTH 141** *Pastoral Theology* 3 hours  
A practical study of church ministry with emphasis given to its biblical foundation, philosophy of ministry, and the various areas of pastoral ministry.

- PRTH 172** *Hermeneutics I* 3 hours  
A study of the historical background, rules, principles, and methods of sound biblical interpretation. Course includes a review of English grammar.

- PRTH 173** *Hermeneutics II* 3 hours  
Prerequisite: PRTH 172

A continuation of PRTH 172, with emphasis on practical application of hermeneutical principles and methods. Practical application includes writing a personal commentary on a selected book of the Bible.

**THEOLOGY**

- THEO 107** *Theological Survey I* 3 hours

This is the first of three courses in a general survey of Bible doctrine designed to introduce the student to the major areas of systematic theology. Doctrines included in this course are Revelation, Theology Proper, the Trinity, the Plan and Providence of God (including the problem of evil), and Angels (including Satan and Demons). The theology survey is continued in THEO 108.

- THEO 108** *Theological Survey II* 3 hours

This is the second of three courses in a general survey of Bible doctrine designed to synthesize and outline the following major areas of systematic theology: Man, Sin, Christ, and the Atonement.

- THEO 109** *Theological Survey III* 3 hours

This course is a continuation of the doctrinal studies begun in Theological Survey 107 and 108. Doctrines included in this course are the Holy Spirit, Salvation, the Church, and Prophecy/Last Things.



## English Language Institute

**William Wegert, B.S., M.S., M.Div., D.Min.**

*Dean of International Student Programs  
Director, Graduate Resident Admissions*

**Christina Wade, B.A.**

*Director, English Language Institute*

**Joanna Luper, B.A., M.Ed.**

*Assistant Director, English Language Institute*

**Danika Protzman, B.A.**

*Instructor*

**Lori Roach, B.A., M.A.**

*Instructor*

**Emily Loper, B.A.**

*Adjunct Faculty, Assessment Coordinator*

**Juan-Carlos Lagares, B.A.**

*Office Manager*

### PURPOSE

The English Language Institute (ELI) offers an intense four-level Academic English Program (AEP) for students with limited

English language proficiency to prepare them for both undergraduate and graduate academic work at English-speaking academic institutions. Students may enter the AEP in the Fall, Spring or Summer term. In level IV of the AEP (during the Fall and Spring terms), students have the option to begin undergraduate coursework alongside their AEP classes. Students completing level IV of the AEP are not required to submit a TOEFL score for acceptance into Liberty University's undergraduate program. Students entering Liberty University's graduate programs are still required to submit the minimum TOEFL score for acceptance.

### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Produce grammatical, comprehensible English in spoken and written form.
2. Demonstrate reading and listening proficiency in both academic and everyday contexts.
3. Demonstrate the ability to think linearly for the purpose of interpreting and producing information through Western rhetorical patterns.

## Residential Courses of Instruction

**ELIL 051 Grammar/Writing I** 3 hours

This course engages high beginner students in basic English grammar concepts and skills to be applied in writing, as well as in speaking, listening, and reading. Students learn to use the basic English sentence structure and its derivations for effective communication. Students focus on the English verb: its role in the sentence and its forms.

**ELIL 052 Writing Lab I** 3 hours

This course provides high beginner students with practice of and guidance in the writing principles addressed in ELIL 051. Students will gain extensive practice in writing a variety of English sentences and in crafting simple compositions.

**ELIL 053 Grammar/Writing II** 3 hours

This course engages low intermediate students in basic English grammar concepts and skills to be applied in writing, as well as in speaking, listening, and reading. It also addresses increasingly complex sentence structure patterns and principles of paragraph construction.

**ELIL 054 Writing Lab II** 3 hours

This course provides low intermediate students with practice of and guidance in the writing principles addressed in ELIL 052. It will fine-tune students' sentence-writing skills and develop their ability to produce well-organized paragraphs.

**ELIL 055 Grammar/Writing III** 3 hours

This course engages intermediate students in applied English grammar for increased accuracy in writing, as well as in speaking, listening, and reading. It also addresses a variety of patterns and principles of paragraph construction and introduces the basics of the English essay.

**ELIL 056 Writing Lab III** 3 hours

This course provides intermediate students with practice of and guidance in the writing principles addressed in ELIL 053. Students will write several paragraphs and begin linking paragraphs in essays.

**ELIL 057 Grammar/Writing IV** 3 hours

This course engages high intermediate to low advanced students in comprehending and correctly producing advanced aspects of English grammar. It also reviews paragraph structure, emphasizes essay construction, and introduces basics of research methodology.

**ELIL 058 Writing Lab IV** 3 hours

This course provides high intermediate to low advanced students with practice of and guidance in the writing principles addressed in ELIL 054. Students will polish their essay-writing skills essays. It also addresses the concept of plagiarism and means to avoid it.

**ELIL 061 Reading Skills I** 3 hours

A course in which students use the extensive reading approach to language learning. Course will include background theory of the method, reading strategies, and vocabulary development, as well as bridges between reading and other language skills.

**ELIL 062 Reading Skills II** 3 hours

A course in which students use the extensive reading approach to language learning. Course will include background theory of the method, reading strategies, and vocabulary development, as well as bridges between reading and other language skills.

**ELIL 063 Reading Topic** 3 hours

This course for Intermediate to High Intermediate students continues to build academic reading skills through an extensive number of readings about a central theme. The theme may change from semester to semester and includes: American History, American Culture, Current Events, etc.

**ELIL 064 Academic Reading** 3 hours

In this course, high-intermediate readers develop academic reading skills and vocabulary. Reading passages are read across academic disciplines.

**ELIL 065 Vocabulary I** 3 hours

In this course, students systematically study of vocabulary found in the Academic Word List. They study these words, their forms, uses, contexts, and synonyms.

**ELIL 066 Vocabulary II** 3 hours

In this course, students continue study of vocabulary found in the Academic Word List. They study these words, their forms, uses, contexts, and synonyms.

**ELIL 067 Short Stories/ Novel** 3 hours

A content course for Intermediate students in the English novel and short story. Students will read, discuss, listen to lectures, and write about the assigned literature.

**ELIL 068 American Idioms** 3 hours

A study of English idioms, exploring both meaning and use. Addresses idioms in all four skill areas; students will learn to recognize idioms and infer meaning from context in listening and speaking and to use idioms correctly in speaking and writing. This course is accessible to Intermediate to High level students.

**ELIL 071 Introductory Listening and Speaking** 3 hours

At the level of Novice Low to Novice Mid, this course will provide instruction in the spoken English language. It will focus on and provide directed practice the pronunciation of Standard American English, the vocabulary and the idioms of the English language, and conversational English and the topics of everyday life.

**ELIL 072 Academic Listening and Speaking** 3 hours

Students at the Novice Mid to Novice High practice listening and speaking skills needed in an academic setting. Students learn listen for academic content and participate in classroom discussion.

**ELIL 073 Academic Listening and Speaking II** 3 hours

Students at the Intermediate Low to Intermediate Mid level develop note-taking and classroom participation skills.

**ELIL 074 Presentation Skills** 3 hours

This course prepares the student with both the language skills and public speaking skills needed in an academic environment. Students learn how to organize and deliver academic information. This course is available to High Intermediate students only.

**ELIL 075 Pronunciation I** 3 hours

Students learn the mechanics of the American English spoken language. They learn to form their mouths to make American English sounds. They also learn common patterns or rhythm, intonation, reduction and linking in speech.

**ELIL 076 Pronunciation II** 3 hours

Students learn the mechanics of the American English spoken language. They learn to form their mouths to make American English sounds. They also learn common patterns or rhythm, intonation, reduction and linking in speech. This course specifically focuses on the finer points of pronunciation, with a view toward accent reduction and fluidity of speech.

**ELIL 077 Film Seminar** 3 hours

A course in using movies for autonomous language learning practice. Explores ways to use movies for improvement in multiple language skill areas. Teaches scaffolding techniques to make movies and other language input more accessible and comprehensible. This course is available to Intermediate High students only.

**Online Courses of Instruction**

**ELIO 101 Basic English I** 0 hours

This is an introductory course to English learners at the novice level. With an emphasis on practical vocabulary acquisition, pronunciation and basic conversational skills, the course builds the foundational language proficiency needed for further reading, writing and speaking studies in English.

**ELIO 102 Basic English II** 0 hours

Prerequisite: Successful completion of ELIO 101

This is a continuation of Basic English I, for learners at the novice-mid level. with an emphasis on strategic vocabulary acquisition, pronunciation and conversational skills, this course increases fluency and accuracy for every day English communication.

**ELIO 110 Conversational English I** 0 hours

Prerequisite: Successful completion of ELIO 102 or iTEP score of 2.0 or higher

This course is designed for novice-high learners. The course focuses on practical grammar, strategic vocabulary acquisition and the listening and speaking skills needed to live and work in an English-speaking environment.

**ELIO 111 Conversational English II** 0 hours

Prerequisite: Successful completion of ELIO 110

This course is a continuation of Conversational English I and is designed for intermediate-low learners. The course focuses on sentence building, expanded vocabulary acquisition and strategic conversational skills. Conversational English I & II prepare students for further studies of English for academic purposes.

**ELIO 201 Intermediate Listening and Speaking I** 0 hours

Prerequisite: Successful completion of ELIO 111, 202 or iTEP score of 2.5 or higher

This course is designed for intermediate-mid learners. With emphasis on vocabulary development, listening strategies, and

note-taking skills, the course lays a foundation for students to listen to lectures and participate in classroom discussion in an English-medium environment.

**ELIO 202 Intermediate Reading and Writing I** 0 hours

Prerequisite: Successful completion of ELIO 111, 201 or iTEP score of 2.5 or higher

This course is a continuation of Intermediate Listening and Speaking I, designed for intermediate-mid learners. With emphasis on vocabulary development, reading strategies, and explicit grammar and structure instruction, the course lays a foundation for students to read and write academic English content.

**ELIO 210 Intermediate Listening and Speaking II** 0 hours

Prerequisite: Successful completion of ELIO 201, 202, successful completion of ELIO 211 or iTEP score of 3.0 or higher

This course is designed for intermediate-high learners. With emphasis on vocabulary development, listening strategies, and note-taking skills, the course prepares students to listen to lectures and participate in classroom discussion in an English-medium environment.

**ELIO 211 Intermediate Reading and Writing I** 0 hours

Prerequisite: Successful completion of ELIO 201, 202, successful completion of ELIO 210 or iTEP score of 3.0 or higher

This course is a continuation of Intermediate Listening and Speaking II, designed for intermediate-high learners. With emphasis on vocabulary development, reading strategies, and explicit grammar and structure instruction, the course prepares students for reading and writing academic English content.

## *Courses of Instruction – Resident Programs*

**PLEASE NOTE:** *It is the student's responsibility to make up any prerequisite deficiencies, as stated in this Catalog, which would prevent the successful completion of any course.*

**NOTE:** Some courses may have additional fees. For a list of course fees please refer to <http://www.liberty.edu/registrar>

### ACCOUNTING

**ACCT 211 Principles of Accounting I** 3 hours

A study of basic transactions, general ledger accounts, books of original entry, closing and adjusting entry processes, trial balances, financial statements, accounting for assets, liabilities, sole proprietorship, equity, revenues, and expenses.

**ACCT 212 Principles of Accounting II** 3 hours  
Prerequisite: ACCT 211

A study of the fundamentals of accounting with a financial accounting emphasis on the corporate form of business including such topics as bonds, capital stock, retained earnings, statement of cash flows and financial statement analysis; and a managerial accounting perspective including topics related to global business, cost accounting measurement systems, cost-volume-profit analysis, managerial decision-making concepts, operational budgeting, standard cost systems and capital budgeting.

**ACCT 299 Internship** 0 hours  
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Directed applicable work experience under supervision of the Director of Business Internships and an accounting or business professional at the place of employment. Application processed through the Career Center. Must apply semester prior to internship.

**ACCT 301 Intermediate Accounting I** 3 hours  
(Offered fall semester)  
Prerequisite: ACCT 212

This is an intensive course in accounting theory and practice. The course attempts to strike a balance between procedural explanations of currently applied accounting practices and the theoretical framework upon which those practices are based. Alternatives to current practice are also introduced.

**ACCT 302 Intermediate Accounting II** 3 hours  
(Offered spring semester)  
Prerequisite: ACCT 301

This is an intensive course in accounting theory and practice dealing with liabilities, stockholders equity, and financial reporting issues. The course attempts to strike a balance between procedural explanations of currently applied accounting practices and the theoretical framework upon which those practices are based.

**ACCT 311 Cost Accounting I** 3 hours  
(Offered fall semester)  
Prerequisite: ACCT 212

A study of the principles and procedures used in the collection, recording and reporting of costs. Balance Sheet inventory valuation and the related Income Statement cost of goods sold valuation, determined using both job order costing and process costing, are emphasized. Activity-based costing is covered in depth. Traditional cost accounting is the main content of this course.

**ACCT 332 Accounting Information Systems** 3 hours  
Prerequisite: ACCT 301

This course provides a basic knowledge of how accounting information systems function in today's business environment. It emphasizes the internal control feature necessary to produce accurate and reliable accounting data as it looks at how accounting information is recorded, summarized and reported in both manual and computerized systems. The following topics are covered in this

course: systems concepts, tools, development processes, analysis; design; implementation and operation; computer software and configurations; data storage and processing methods; file processing; implementing data base management systems; internal control; information system control; data security and integrity; accounting transaction cycles; revenue cycle applications; and expenditure cycle applications.

**ACCT 340 Accounting Ethics** 3 hours  
Prerequisite: ACCT 212

This course provides an analysis of ethical standards in the accounting profession. Major ethics paradigms are examined and contrasted with a Christian worldview of ethics. The course includes an in-depth examination of the AICPA Code of Professional Conduct and other ethical standards in the accounting profession. The course also presents an ethical decision-making model for the accounting profession.

**ACCT 370 Financial Statement Analysis** 3 hours  
Prerequisite: BUSI 320

This course examines the fundamental techniques of financial statement analysis and their application to strategic planning and decision-making. The course covers the analysis and interpretation of financial information including the balance sheet, income statement, and statement of cash flows.

**ACCT 401 Taxation I** 3 hours  
(Offered fall semester)  
Prerequisite: ACCT 212

A study of the legal and accounting aspects of federal taxation with an emphasis on individuals and unincorporated businesses.

**ACCT 402 Advanced Accounting** 3 hours  
(Offered fall semester)  
Prerequisite: ACCT 302

This is an intensive course in accounting theory and practice regarding partnerships, business combinations and consolidated financial statements. The course attempts to strike a balance between procedural explanations of currently applied accounting practices and the theoretical framework upon which those practices are based. Alternatives to current practice are also discussed.

**ACCT 403 Governmental and Not-for-Profit Accounting** 3 hours  
(Offered spring semester)  
Prerequisite: ACCT 402

Problems, concepts and reporting formats related to accounting for governmental and not-for-profit entities.

**ACCT 404 Auditing** 3 hours  
(Offered fall semester)  
Prerequisite: ACCT 302

A study of auditing standards and related auditing procedures. Topics include: evaluation of internal control and preparation of the audit program; examination of financial statements and preparation of working papers; and auditors' reports and opinions.

**ACCT 412 Taxation II** 3 hours  
(Offered spring semester)  
Prerequisite: ACCT 401

The second course in a two-course sequence dealing with corporate income taxes, taxes on corporate distributions, other corporate tax levies; partnership information, operation and special issues; "S" corporations, gift and estate taxes; the income taxation of trusts and estates; and IRS administrative procedures.

**ACCT 432 IT Audit** 3 hours

Prerequisites: ACCT 332, 404

This course provides the theory and application of auditing through the use of information systems. Topics include: authoritative information technology control frameworks; computer security; continuous auditing; and audit approaches to new and emerging technologies.

**ACCT 441 Capstone: Accounting – Ethics, Theory, and Practice** 3 hours

Prerequisite: ACCT 404

The capstone course integrates accounting ethics, theory, practice, and research. In this course, students examine ethical issues in relation to accounting ethics rules and regulations, ethical theories, and from the perspective of a Christian worldview. In addition, students evaluate contemporary financial reporting issues in light of existing and proposed accounting standards and the conceptual framework. This course has a major research and group component.

**ACCT 495 Directed Research** 1 to 3 hours

Prerequisite: Written permission of department chair and consent of instructor

**ACCT 497 Special Topics in Accounting** 1 to 3 hours

Topics will vary and are offered on demand. Course may be repeated for credit, when topics differ.

**ACCT 499 Internships** 1 to 6 hours

Prerequisites: Junior or Senior status; required GPA.

Directed applicable work experience under supervision of the Director of Business Internships and an accounting or business professional at the place of employment. Application procedures processed through the Accounting Department Faculty Internship Advisor (FIA). Must apply semester prior to completing internship.

**AIR FORCE ROTC**

**AIRS A Leadership Laboratory** No Credit

Prerequisite: Enrollment in Air Force ROTC

A laboratory in leadership and followership development which stresses the application of leadership principles and the understanding of a leader's responsibilities. Emphasizes the benefits of practical experience.

**AIRS 110 The Foundations of the United States Air Force I** 1 hour

A two-semester survey course which provides an introduction to the United States Air Force and Air Force Reserve Officers' Training Corps. Topics include: mission and organization of the Air Force; officership and professionalism; military customs and courtesies; Air Force officer opportunities; and an introduction to communication skills. The Leadership Laboratory (AIRS A) is mandatory each semester for AFROTC cadets and complements this course by providing followership experiences.

**AIRS 120 The Foundations of the United States Air Force II** 1 hour

A continuation of AIRS 110

**AIRS 210 The Evolution of Air and Space Power I** 1 hour

Examines general aspects of air and space power through a historical perspective. Covers a time period from the first balloons and dirigibles to the use of Unmanned Aerial Vehicles in today's technologically advanced Air Force. Historical examples serve to extrapolate the development of Air Force capabilities (competencies) and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Also examines several fundamental truths associated with war in the third dimension; e.g., Principles of War and Tenets of Air and Space Power. Provides a knowledge-level understanding for the general element and employment of air and space power from an institutional, doctrinal, and historical perspective. Continues a discussion of the importance of the Air Force Core Values through

use of operational examples and historical Air Force leaders and develops cadets' communication skills. The Leadership Laboratory (AIRS A) is mandatory each semester for AFROTC cadets and complements this course by providing followership experiences.

**AIRS 220 The Evolution of Air and Space Power II** 1 hour  
A continuation of AIRS 210.

**AIRS 310 Concepts of Air Force Leadership and Management I** 3 hours

Focuses on the study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. The Leadership Laboratory (AIRS A) is mandatory each semester for AFROTC cadets and complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply the leadership and management principles presented in this course.

**AIRS 320 Concepts of Air Force Leadership and Management II** 3 hours

A continuation of AIRS 310

**AIRS 410 National Security Affairs I** 3 hours

Examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Topics include the military as a profession, officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Emphasizes refining communication skills. AIRS A (Leadership Laboratory) is mandatory for AFROTC cadets and complements this course by giving students an opportunity to apply the leadership and management principles presented in this course.

**AIRS 420 National Security Affairs II** 3 hours

A continuation of AIRS 410.

**ADVENTURE LEADERSHIP AND OUTDOOR MINISTRY**

**ALOM 310 Adventure Leadership Foundations** 3 hours

Prerequisites: CHMN 201

This course will provide the basis for adventure leadership and outdoor ministry and will allow students to think outside the realm of traditional ministry and how effective ministry can be when taken outdoors. Students will be provided with a comprehensive examination of the biblical foundations for outdoor ministry and how those principles can be applied today whether in local church or parachurch ministry. Students will be introduced to a variety of outdoor ministries, their history, leadership, and how they are being effectively utilized today.

**ALOM 320 Adventure Leadership Programming** 3 hours

Prerequisites: ALOM 310

This course will provide students the knowledge to effectively develop programs related to adventure leadership and outdoor ministry and then apply these programs within a local church, parachurch, or camping ministry. Students will draw upon previously learned information as it relates to adventure leadership and outdoor ministry goals and philosophy and apply it to this class and their required assignments.

**ALOM 360/ Camping Ministry** 3 hours

**YOUT 360**

Prerequisites: ALOM 310, 320

This course will investigate specific elements and issues that are building blocks for camping ministry. Such elements and issues will include starting a camp, programming, recreation, staffing, budgeting, legal issues, promotional methods, camp counseling, camping options and management principles will be

addressed. The course will include a full day of on-site training in order to get a hands-on look and feel of the significant ministry of camping.

**ALOM 370/ *Managing the Christian Youth*** 3 hours  
**YOUT 370 *Organization***

Prerequisites: ALOM 310, 320

This course will take a comprehensive examination of critical areas for the individual who gives or is considering leadership in a Christian youth organization. An exposition of biblical passages supporting the establishment and function of Christian youth organizations and their supportive relationship to the local church will be presented. After which, pragmatic applications to effectively direct/ manage a Christian youth organization will be examined.

**ALOM 499 *Internship/Practicum*** 3-6 hours

Prerequisites: Junior status, 21 hours in the major, including CHMN 447 and ALOM 320

This internship will focus on both the programming and leadership aspects of youth ministry. It will be a supervised field experience at an approved site. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### APOLOGETICS

**APOL 325 *Christianity and the Cults*** 3 hours

This course examines the history and beliefs of those systems that claim to be Christian yet deny fundamental Christian doctrines such as the sole sufficiency of the Bible, the Trinity, the deity of Christ, salvation by faith in Christ alone without works, the eternal punishment of the wicked, and other pertinent doctrines. Groups discussed include Jehovah's Witnesses, Mormonism, Seventh-day Adventism, Christian Science and others.

### STUDIO AND DIGITAL ARTS

**ARTS 105 *Art Appreciation*** 3 hours

The development of a satisfying discourse between the student and the work of art, employing a selective survey of major achievements and movements in the visual art of western civilization.

**ARTS 113/ *Introduction to 2D Design*** 3 hours

**FACS 113**

An introduction to visual thinking as well as the elements and principles of design. Concentration on the elements of design through production of artwork using a variety of materials and methods. Emphasis placed on understanding the elements and principles of design and how they integrate to form fully realized works of art. Students will explore composition and selection of subject matter.

**ARTS 114 *Introduction to 3D Design*** 3 hours

A fundamental course with an emphasis on means of construction, analysis of materials and structural examinations that support conceptual development of 3 dimensional art. Emphasis placed on characterizing the elements and principles of design and how they each integrate to form fully realized works of 3D art. Students will develop projects using a variety of materials and methods.

**ARTS 201 *History of Art I*** 3 hours

This course is a chronological survey of Western art and architecture from Prehistoric times to the 15<sup>th</sup> century, with the goal of analyzing works of art from a Christian worldview. Emphasis is placed on vocabulary development with special emphasis on methods of critical analysis of works of art. Students are responsible for maintenance of portfolio assignments. This portfolio will be used for class discussion periodically and turned in at the end of the semester.

**ARTS 202 *History of Art II*** 3 hours

This course presents a chronological survey of Western art and architecture from the 15<sup>th</sup> century to the Post Modern Era, with the goal of analyzing works of art from a Christian worldview. Emphasis is placed on vocabulary development with special emphasis on methods of critical analysis of works of art. Students are responsible for maintenance of portfolio assignments. This portfolio will be used for class discussion periodically and turned in at the end of the semester.

**ARTS 203 *Baroque Art*** 3 hours

This course presents a general survey of the Baroque period (c. 1600-1750), which was characterized by political and religious upheavals as well as by aesthetic innovations. We shall examine the development of art and architecture in Italy, Spain, France, and the Lowlands, centering upon the works of seminal artists including Caravaggio, Bernini, Borromini, Velazquez, Poussin, Rembrandt, Rubens, and Van Dyck. Accordingly, we shall investigate how the art of the period reflects the Christian worldview as it took shape in the wake of the Reformation and Counter Reformation.

**ARTS 204 *Medieval Art*** 3 hours

This course will survey the range of Medieval Art and Architecture from the fall of Rome to the 15<sup>th</sup> century in the west, placing an emphasis on the development of painting, mosaic, and manuscript illumination, as well as upon the development of the Romanesque and Gothic architectural styles. The arts of this vast period will be analyzed from within the Christian worldview with particular attention to Christian iconography.

**ARTS 205 *20<sup>th</sup>-21<sup>st</sup> Century Art*** 3 hours

This course presents a comprehensive study of the varied art forms from the beginning of the 20<sup>th</sup> century to the present, focusing upon the major artists and art movements, including Fauvism, Cubism, Futurism, Dada, Surrealism, Abstract Expressionism, Pop Art, and Postmodernism. The course will entail an examination of how art is disseminated, understood, and at times, misunderstood. Students will read, write about, and discuss essays, criticism, and interviews covering a wide range of media, and visit artists' studios and exhibition venues. Two analytical papers—based upon studies of the visual images focusing on the agency of the image, the social practices and effects of its viewing and the specificity of views taken by various audiences are required.

**ARTS 206 *Arts of East Asia*** 3 hours

This course is an introduction to the arts of China, Japan, Korea and the Pacific rim, focusing on the religious and political influences, as well as the evolution of landscape and figure painting traditions. This course considers objects in their context (from the archaeological sites from which they were unearthed to the material culture that surrounded them) to reconstruct the functions and the meanings of objects, and to better understand cultures through the objects they produced.

**ARTS 207 *The Arts of Latin America*** 3 hours

This introductory course provides a critical survey of Latin America art from Spanish military conquest of the New World to the development of conceptual art (1521 to ca. 1980). We will learn to observe and describe different kinds of artifacts, made in a broad array of media (painting, sculpture, urban form, photography, engraving, and drawing, among others) to explicate the social context in which they were produced and circulated. By taking into account their constant dialogue with European ideas and models, we will analyze how colonial encounters, national formations, and cultural exchange took place in the region, and how identity, ethnicity, politics, and the sacred have been depicted in different historical moments.

**ARTS 208 *Italian and Northern Renaissance*** 3 hours

This course concentrates on the origins of the Renaissance in both Italy and in the North as seen in the painting and sculpture of the early fifteenth century as to style and religious expression, examined in the context of philosophical influences, civic humanism, and contemporary politics. Attention will be given to the changing social status of the artist as manifested both in the theoretical writings and artists' working methods.

**ARTS 209 *Arts as Communication*** 3 hours

(Visual Communications: Research, Analysis, and Discourse)

This course serves to cultivate an understanding of the language, aesthetics and cultural impacts of visual communication. The focus is on discourse that fosters the development of ideational, analytical and rhetorical writing skills necessary for demonstrating critical thinking in the analysis and critique process concerning visual images. Two analytical papers—based upon studies of the visual images focusing on the agency of the image, the social practices and effects of its viewing and the specificity of views taken by various audiences—and a literary research paper, sequentially developed, are required. (Formerly ARTS 300)

**ARTS 211 *Drawing I*** 3 hours

An introduction to basic drawing fundamentals including gesture line, contour line, positive and negative space, linear perspective, sight measurement techniques, modeling perspective, and composition. (Formerly ARTS 110)

**ARTS 213 *American Art and Architecture*** 3 hours

Focusing on painting and sculpture in the United States, this course offers a survey of American art from the colonial settlements to the early 20th century. The unique social, political and intellectual contexts of American art provide the basis for understanding the history and art of our own culture.

**ARTS 214 *Art, Culture, and Technology*** 3 hours

This course traces the development of technology starting with genius inventors such as Leonardo da Vinci up to the present, and shows how technology has changed cultures and the art that they produce. The student will learn to raise vital questions on how technology has influenced culture and come to well-reasoned conclusions as to why culture has changed as a result. Through Group Projects the student will learn to work effectively with others in unraveling the complex influences of particular technological advances on culture.

**ARTS 215 *Special Topic in Art History*** 3 hours

This course presents an opportunity to conduct an in-depth study of a selected topic in art history not included in the curriculum. The precise subject matter and parameters of this course will be supplied as appropriate by the professor.

**ARTS 222 *Introduction to Graphic Design*** 3 hours

An introduction to graphic design as a tool for visual communication. Graphic design skills and topics including a brief history of typography and printing; page layout design principles, the design process, page layout and image manipulation software, visual hierarchy, and critique will be explored in this course. Students will use the acquired skills to create basic graphic design materials for a variety of uses. (Formerly "Desktop Publishing")

**ARTS 223 *Introduction to Typography*** 3 hours

The course includes the study of type as a tool and a design element. Topics for discussion and exploration will include type identification, text and display usage, and actual letterform design. (Formerly "Typography")

**ARTS 224 *Media Design*** 3 hours

Prerequisites: ARTS 222

In the Media Design Course, students examine new and traditional forms of media communications, design principles, concepts, and applications that will strengthen communication efforts with graphic design and advertising projects. Through

lectures, readings, case studies, and hands-on assignments, students are introduced to the media campaign process, and the impact of new media technologies. Students will learn how to make sense of the dynamic field of media communications through a critical analysis of real-world campaigns serving as a foundation to build their own strategies.

**ARTS 234 *Jewelry I Introduction to Jewelry Making*** 3 hour

This course is an introduction to basic equipment, tools, and techniques used in the fabrication of jewelry as an art form. Students will learn basic jewelry techniques including, but not limited to, cutting, piercing, soldering, engraving, and stone setting.

**ARTS 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Application procedures processed through the Career Center. Must apply semester prior to internship.

**ARTS 301 *Introduction to Film Photography*** 3 hours

The purpose of this course is to provide the student with a basic knowledge of film photography. The student will learn how to operate a basic 35mm film camera, develop black and white film and print black and white photographs. Additionally, the student will learn about the basic properties of light, exposure, composition, depth of field and perspective. While learning the basics in B&W, most principles can later be applied to color and digital technologies. May be taken twice for credit. (Formerly "Basic Photography").

**ARTS 303 *History of Graphic Design*** 3 hours

A study of graphic communication from cave walls to the printed page to online digital communication. Students will consider how the advent of new technologies changed the graphic form of our communication. Course lectures and presentations will be supplemented by/with textbook readings. Students will be required to do topic related projects that will demonstrate their understanding.

**ARTS 311 *Drawing II*** 3 hours

Prerequisites: ARTS 211

Intermediate level study of drawing, including compound subjects primarily in pencil, but also potentially in other media as well. This course expresses technical aspects of drawing through developed descriptive imagery. May be taken twice for credit. (Formerly ARTS 310)

**ARTS 312 *Life Drawing*** 3 hours

Prerequisites: ARTS 113, 211, 311

An introduction to the methods and techniques used when drawing from life. This course explores the benefits of working from life. Moreover, this course demonstrates the value of the sketch as opposed to the time intensive efforts of studio work. May be taken twice for credit.

**ARTS 321 *Painting I*** 3 hours

Prerequisite: Art 211

This course is an introduction to direct painting. The use of paint is emphasized with an emphasis on the representation of the artistic image through form and color. May be taken twice for credit.

**ARTS 330 *Sculpture I*** 3 hours

Design and creation of three-dimensional sculptural objects in creative ways to solve specific assigned artistic and sculptural problems. Introduction to materials and tools used to create sculpture. Instruction will be given in design concepts, terminology, sculpture history, processes and techniques.

**ARTS 332 Vector Illustration** 3 hours

This course will provide an overview of vector illustration software and illustration creation. Students will use the design process, the fundamentals of visual design, and technical expertise to create vector images for a variety of media. Conceptual thinking and visual problem solving will be encouraged through a series of exercises and projects designed to enhance software mastery and concept development. Course projects are designed for inclusion in the final portfolio. May be taken twice for credit. (Formerly “Digital Illustration”)

**ARTS 334 Jewelry II Design and Fabrication** 3 hours

Prerequisites: ARTS 113, ARTS 211, ARTS 234, ARTS 330

In this course the student will continue to study the applications of jewelry making techniques including, but not limited to, enameling, raising, forging and small metal casting as vehicles for self-expression. May be taken twice for credit.

**ARTS 340 Publication Design** 3 hours

Prerequisite: ARTS 113, 222, 223

This course examines the design and structuring of information for print publications. Students will combine their knowledge of typography and image creation with the principles and elements of page design to produce several portfolio-building systems. Lectures and studio work cover historical as well as current practices used in the production of multi-page documents. May be taken twice for credit.

**ARTS 342 Digital Imaging** 3 hours

Prerequisites: ARTS 222

Creating multiple digital images through a varied methodology. Preparing digitized art for electronic media and the printed page through electronic pre-press techniques. Training in a professional image-editing application. May be taken twice for credit. (Formerly ARTS 351)

**ARTS 352 Graphic Design I** 3 hours

Prerequisite: ARTS 113, 222, 223, 332

While introducing theory, practice, and technology, course assignments will develop an understanding and put into context the principles of visual communication. This course will develop strong formal and technical skills, as well as introduce production technology. This course focuses on conceptual thinking and problem solving in relation to design development. Students will create identity systems for a specified company or organization. Students explore the difference between branding different types of corporate entities and will produce work geared toward inclusion in the final portfolio. May be taken twice for credit. (Formerly ARTS 341)

**ARTS 357 Digital Application for 3D Arts** 3 hours

Prerequisites: ARTS 113, 211, 330

Students explore applications of digital technology through 3D scanning with 3D artwork. May be taken twice for credit.

**ARTS 361 Digital Photography** 3 hours

The purpose of this course is to provide the student with a basic knowledge of digital photography. Students will learn to operate a digital single-lens reflex camera with proficiency. The correction and digital manipulation of images using current industry-standard software will be taught. Students will learn to communicate with their photography by posting their images to the Internet, printing their images using current inkjet technologies, and producing slideshows of their images for group consumption. (Students are required to have their own digital single-lens reflex cameras). May be taken twice for credit.

**ARTS 365 Documentary Photography /Photojournalism** 3 hours

This course is all about telling compelling stories through the use of still images. This is not just another photography course, though it will use still photography as the main tool of

communication. Students will aspire to create images that are consistent in both content and quality with those used in both the online and print media. The course will include coverage of the historical, ethical, legal and artistic issues associated with professional photojournalism. Course participants will gain valuable, real-world type experience into what it’s like working in the modern, digital media environment. May be taken twice for credit.

**ARTS 371 Graphic Design II** 3 hours

Prerequisites: ARTS 113, ARTS 222, 332, 342, 352

Graphic Design II integrates design principles and software, typography, digital illustration, digital imaging, page layout, and prepress techniques with emphasis on design process from visualization to production. Students will be responsible for the design and production of a fully integrated campaign consisting of major projects including several components across multiple media forms. Individual and collaborative work is expected including branding and packaging as well as prototyping for interactive media. Each student is responsible for production of design products, critiquing of designs, portfolio preparation. (Formerly “Advanced Graphics”)

**ARTS 375 Special Topics 2D** 3 hours

Prerequisites: ARTS 113, 211, 311, 321

This hands-on studio course promotes creativity and technical excellence. In addition, it is intended to expose the student to principles and concepts relating to a variety of water media such as watercolor, acrylic and gouache paints. May be taken twice for credit.

**ARTS 376 Mixed Media** 3 hours

Prerequisites: ARTS 113, 211

Exploration, application, and synthesis of conventional and unconventional art materials as valid media for the creation of expressive content in the visual arts. May be taken twice for credit.

**ARTS 380 Interactive Publication** 3 hours

Prerequisites: ARTS 113, 222, 223, 332, 340, 352

This advanced publication design class builds upon layout design, typography, and visual communication concepts learned in previous classes and explores current technologies used in the creation of digital and interactive publications. Lecture and studio work will cover the software and tools necessary for the creation and publishing of an interactive publication across a variety of devices. Students will conceptualize and produce their own publication that invites reader participation. May be taken twice for credit.

**ARTS 382 Gallery/Museum Fundamentals** 3 hours

An introduction to the professional activities that occur in galleries and museums.

**ARTS 398 Studio and Digital Arts Practicum** 1 to 3 hours

This course is set up as a working art and graphic design studio experience that will provide students with the vital experience, hands on working experience from conceptualization through production.

**ARTS 400 Travel Study** 3 hours

Prerequisite: ARTS 201 or 202

Travel to various destinations for study of art, architecture and culture.

**ARTS 401 Character Design** 3 hours

Prerequisites: ARTS 113, 114, 211, 311

This course explores a full range of current illustration/character design methods and techniques utilizing natural and digital media. May be taken twice for credit. (Formerly “Illustration/Cartooning”)

**ARTS 402 *Sequential Art*** 3 hours  
 Prerequisites: ARTS 113, 211, 311  
 This course covers the development and fundamentals of sequential art in its many forms: comics, comic books, and introduces the graphic novel design. May be taken twice for credit.

**ARTS 411 *Advanced Drawing*** 3 hours  
 Prerequisites: ARTS 113, 211, 311  
 A studio for drawing with an emphasis on human anatomy, advanced drawing techniques, and observation. May be taken twice for credit.

**ARTS 420 *Painting II*** 3 hours  
 Prerequisite: ARTS 321  
 An introduction to painting systems, the use of oils in the modeling of tone and illumination and the use of acrylics in chromatic studies with the development of a personal individual creative style on the part of the student. May be taken twice for credit.

**ARTS 424 *Advanced Typography*** 3 hours  
 Prerequisite: ARTS 223, 332, 342  
 This is an advanced study of typography as a tool and a design element. This course will be comprised of special projects, which will build upon and expand the knowledge the student has acquired in previous classes. The emphasis of the course will be upon layout design as it applies to print and electronic media. In addition, the student will create a fully developed original typeface as a final project. May be taken twice for credit.

**ARTS 430 *Sculpture II*** 3 hours  
 Prerequisite: ARTS 114, 330  
 The creation of sculpture in a variety of media on a larger, more ambitious scale than *Sculpture I* and the exploration of more sophisticated sculptural techniques and processes.

**ARTS 432 *Wood Sculpture*** 3 hours  
 Prerequisites: ARTS 114, 330  
 An introduction to woodworking techniques. This course addresses processes of subtractive and additive methods of wood sculpture. May be taken twice for credit.

**ARTS 433 *Metal Sculpture*** 3 hours  
 Prerequisites: ARTS 114, 330  
 Metal sculpture is an introduction to current and emerging metal art technologies and processes as a medium in functional, skill-based 3D artwork.

**ARTS 434 *Advanced Jewelry*** 3 hours  
 Prerequisites: ARTS 114, 234, 334  
 The course investigates advanced materials, processes, and styles relating to the creative production of jewelry forms. May be taken twice for credit.

**ARTS 461 *Advanced Digital Photography*** 3 hours  
 Prerequisite: ARTS 361  
 The purpose of this course is to assist those serious about photography in building a comprehensive body of digital work. This course will provide the student with the knowledge and skills necessary to compete in the ever-changing field of digital visual communications. Professional trade secrets, shooting tips and lighting techniques will be discussed and the student will be able to integrate them into the making of their own photographs. May be taken twice for credit.

**ARTS 469 *Conceptual/Fine Art Photography and Portfolio*** 3 hours  
 Prerequisites: ARTS 113, 301, 361, 461  
 This is the final and capstone photography course offered in photography. This course will assist the student in discovering and developing their own personal photographic style from within a historical context of fine art photography. Various assignments will be given to aid the student in the self-discovery of their own photographic strengths and weaknesses. Extensive critiques by

both peers and instructor will shape the student's photographic vision. The student will develop an extensive and cohesive body of personal work that will be available for public display upon course completion. This course will directly prepare the student for using photography within any chosen career path. May be taken twice for credit.

**ARTS 473 *Introduction to 3D Graphics*** 3 hours  
 Prerequisites: ARTS 222, 342

An introduction to 2D and 3D design concepts and terminology. Practical experience in the design and evaluation of 2D/3D still and motion graphics. Students gain practical experience by storyboarding, designing, animating, and rendering 2D/3D graphic objects, and Animations. Training in industry standard 3D graphics programs guided by principles of design. May be taken twice for credit. (Formerly "2D/3D Graphics and Animation")

**ARTS 474 *Interactive Game Development*** 3 hours  
 Prerequisites: ARTS 473

The development of arcade, scrollers and strategy games. Familiarity with several typical game development tools that do not require programming and issues such as player controls, sounds, music, and basic animations will be covered. May be taken twice for credit.

**ARTS 475 *Ceramics I*** 3 hours

An introduction to basic ceramic construction techniques including slab, coil, and wheel throwing methods. Includes a study of glazing and firing techniques. May be taken twice for credit.

**ARTS 476 *Ceramics II*** 3 hours  
 Prerequisites: ARTS 475

Continued exploration of hand-building processes and wheel throwing techniques, as well as experimentation with glazes and surface decoration on creative ceramic works. May be taken twice for credit.

**ARTS 477 *Interactive Design I*** 3 hours  
 Prerequisite: ARTS 222, 342

Study of both visual media design concepts and site management for web development. Developing web applications in HTML and CSS to build websites for multiple platforms with emphasis on accessibility for all users. Practical experience in authoring web technology while developing standards to evaluate the presentation of information with these tools. Creating and developing for the web through the principles of graphic design, user experience, and user interface design. May be taken twice for credit. (Formerly ARTS 472)

**ARTS 478 *Interactive Design II*** 3 hours  
 Prerequisites: ARTS 477

Advanced theory and application of interactive design development technologies with focus on understanding emergent, and relevant web media. Creating interactive executions of varying degrees across different platforms. Understanding and developing campaigns built upon interactive principles of user experience and user interface. May be taken twice for credit.

**ARTS 490 *Arts and Crafts*** 3 hours

An introduction to a wide range of materials, techniques, and methods associated with arts and crafts (such as: ceramics, printmaking, papermaking, drawing, painting, sculpture, jewelry-making, and weaving), in preparation for teaching art to elementary, middle school, and high school students. May be taken twice for credit. (Formerly offered as ARTS 497)

**ARTS 492 *Professional Practices*** 3 hours  
 Prerequisites for Graphic Design students: ARTS 222, 223, 332, 341, 351, 371

Prerequisites for Studio Art students: ARTS 310, 321, 330, 361, 420, 430



Professional Practices is a senior-level course to aid the student in their upcoming transfers from classroom to the professional world. Topics and issues related to professional practices for professional artist and designer designers are covered in this course. There is a strong focus on the production of a professional presentation of the student's creative work for purpose of employment and business opportunities.

**ARTS 495 Directed Research** 1 to 3 hours

As determined by instructor.

**ARTS 496 Workshop in Studio and Digital Arts** 1 to 3 hours

As determined by instructor.

**ARTS 497 Special Topics in Studio and Digital Arts** 3 hours

Topics of special interest not included in the regular department offerings. May be taken more than once, but no topic can be repeated.

**ARTS 499 Undergraduate Internship** 1 to 6 hours

An internship is designed to allow upper level students to experience the professional world while they are still involved in their academic training. This provides them with both an understanding of the relationship of their academic preparation to their career aspirations and the demands that will be placed upon them in the professional world. (Formerly "Internship")

### AMERICAN SIGN LANGUAGE

**ASLI 101 American Sign Language I** 3 hours

Prerequisites: None

This course provides an introduction to American Sign Language (ASL). Through the development of functional grammar, basic vocabulary, and practical conversational skills, this course will be the basis for further study in the development of fluency in understanding and expressing the language. Both production and comprehension will be addressed as well as an introduction to the Deaf community.

**ASLI 102 American Sign Language II** 3 hours

Prerequisite: ASLI 101

This course is a continuation of the introductory course in American Sign Language (ASL). Emphasis will be placed on functional grammar, basic vocabulary, and practical conversational skills, and continued exposure to elements of Deaf culture.

**ASLI 201 American Sign Language III** 3 hours

Prerequisite: ASLI 102

This intermediate course will contain more advanced vocabulary as well as conversational discourse. ASL grammar including sign movement and non-manual markers will be taught.

**ASLI 202 American Sign Language IV** 3 hours

Prerequisite: ASLI 201

This course will include advance vocabulary while introducing the student to ASL storytelling. There will be a focus on formal and informal receptive and expression communication. Students will also develop language skills pertaining to more abstract communication, such as ideas and concepts.

**ASLI 212 Fingerspelling and Numbers** 3 hours

Prerequisite: ASLI 102

This course will focus on receptive and expressive fingerspelling in American Sign Language (ASL) discourse. Various number systems used within ASL will also be addressed.

**ASLI 302 American Sign Language V** 3 hours

Prerequisite: ASLI 202

This course will prepare students for interpreting training. Student will examine ASL from a new perspective. Concepts such as main idea comprehension, summarizing, lexical substitution, paraphrasing, paraphrasing discourse, visual form and meaning will be addressed.

**ASLI 305 Introduction to Interpreting** 3 hours

Prerequisites: ASLI 201, ASLI 310

This course is an overview of the profession of American Sign Language/English interpreting. Topics will include terminology, ethics, professional attire, processes, and current professional trends.

**ASLI 310 Deaf Studies** 3 hours

Prerequisites: None

This course will address the history and current trends within the American Deaf community. Topics will include cultural, educational, and political aspects. There will be an element of Deaf literature and also sociolinguistics.

**ASLI 320 Sociocultural Linguistic Processing** 3 hours

Prerequisites: ASLI 305, ASLI 310

This course will examine the language exchange between ASL and English in terms of discourse (accurate content, appropriate context, and appropriate linguistic form). Techniques and mental/cognitive processes such as comprehension, memory, delayed repetition and pattern inference will be addressed as well as discourse mapping.

**ASLI 401 English to ASL Interpreting I** 3 hours

Prerequisite: ASLI 320

This course will begin with lessons in consecutive interpretation and progress toward the ultimate goal of simultaneous interpretation from spoken English to ASL. Topics will include: memory retention, appropriate use of consecutive interpretation, listening, reformulation, and monitoring.

**ASLI 402 English to ASL Interpreting II** 3 hours

Prerequisite: ASLI 401

This course will continue to develop the student's interpreting skills from an English source to an ASL mode through simultaneous interpretation. Added focus will be given to issues concerning professionalism, register, and client matching.

**ASLI 403 ASL to English Interpreting I** 3 hours

Prerequisites: ASLI 302, ASLI 320

This course will address the skills and cognitions related to conveying the meaning and intent of a signed message (ASL) into spoken English. Topics will include comprehension, implied meaning, word choice, natural flow, and cultural considerations.

**ASLI 404 ASL to English Interpreting II** 3 hours

Prerequisite: ASLI 403

This course will continue to address the skills and cognitions related to conveying the meaning and intent of a signed message (ASL) into spoken English. Topics will include comprehension, implied meaning, word choice, natural flow, omissions, teaming, and cultural considerations.

**ASLI 405 ASL Linguistics** 3 hours

Prerequisite: ASLI 302

This course studies the phonological, morphological, and syntactical structure of American Sign Language. Semantics as well as historical and ever changing aspects of the language will also be considered.

**ASLI 410 Interpreter Professional Identities, Function & Ethics and Current Trends** 3 hours

Prerequisites: ASLI 310, ASLI 305

This course will address issues pertaining to the profession of interpreting. Students will be instructed in critical analysis of ethical scenarios in a variety of settings and situations. The RID Code of Professional Conduct and the EIPA will be discussed. Current issues facing the professional interpreter will be studied.

**ASLI 498 Practicum** 3 hours

Prerequisites: ASLI 403, pass VQAS Written

This practicum will include observation and some interpreting experience under the close supervision of an approved mentor(s) in a variety of settings.

**ASLI 499 Internship** 3 hours  
Prerequisites: ASLI 498, ASLI 405, Pass VQAS with II+

This internship will involve a structured program consisting of interpreting under the supervision of an approved nationally certified mentor. It will also include the other duties pertaining to the work of a professional interpreter in the specialized field of the student's choosing. Areas of Specialization: Educational Interpreting, Theatrical Interpreting, Legal Interpreting, Medical Interpreting, Religious Interpreting, Mental Health Interpreting.

### ATHLETICS

**ATHL 001 Men's Basketball** 1 hour  
Participation in intercollegiate competition in basketball.

**ATHL 011 Baseball** 1 hour  
Participation in intercollegiate competition in baseball.

**ATHL 022 Football** 1 hour  
Participation in intercollegiate competition in football.

**ATHL 024 Women's Soccer** 1 hour  
Participation in intercollegiate competition in soccer.

**ATHL 034 Men's Soccer** 1 hour  
Participation in intercollegiate competition in soccer.

**ATHL 035 Men's/Women's Track** 1 hour  
Participation in intercollegiate competition in track.

**ATHL 036 Men's/Women's Cross Country** 1 hour  
Participation in intercollegiate competition in cross country.

**ATHL 041 Women's Basketball** 1 hour  
Participation in intercollegiate competition in basketball.

**ATHL 042 Women's Volleyball** 1 hour  
Participation in intercollegiate competition in volleyball.

**ATHL 043 Women's Softball** 1 hour  
Participation in intercollegiate competition in softball.

**ATHL 044 Golf** 1 hour  
Participation in intercollegiate competition in golf.

**ATHL 045 Tennis** 1 hour  
Participation in intercollegiate competition in tennis.

**ATHL 055 Wrestling** 1 hour  
Participation in intercollegiate competition in wrestling.

**ATHL 056 Lacrosse** 1 hour  
Participation in intercollegiate competition in lacrosse.

**ATHL 058 Women's Field Hockey** 1 hour  
Participation in intercollegiate competition in field hockey.

**ATHL 200 Cheerleading** 1 hour  
Membership in the University cheerleading squad.

### ATHLETIC TRAINING

**ATTR 200 Introduction to Athletic Training** 3 hours  
An introduction to the profession of athletic training. Topics also include basic methods of care, treatment, and rehabilitation of athletic injuries.

**ATTR 210 Principles of Athletic Training** 3 hours  
Introduction of Basic Athletic Training. Topics include: pre-participation exam; modalities; and prevention. Laboratory experiences are provided.

**ATTR 221 Clinical Education I** 2 hours  
Prerequisites: Must be taken concurrently with ATTR 300  
Didactic and psychomotor skill instruction of competencies in Athletic Training. Emphasis will be placed on the application of extremity taping/wrapping and emergency care of athletic injuries through clinical scenarios. Will include a clinical education rotation.

**ATTR 225 Clinical Kinesiology for Health Professionals** 2 hours  
Prerequisites: taken concurrent with ATTR 305 and ATTR 306; for ATEP provisionally accepted students  
Students will gain knowledge of clinical musculoskeletal human anatomy through a variety of Instructional techniques. The

focus of the course will be on learning: bony landmarks, muscle origins and insertions, how to assess each muscle, & how to assess range of motion.

**ATTR 226 Clinical Kinesiology for Health Professionals Laboratory** 1 hour

Prerequisites: taken concurrent with ATTR 225; for ATEP provisionally accepted students only

Students will apply knowledge of clinical musculoskeletal human anatomy through a variety of hands on activities. The focus of the course will be to practice identifying bony landmarks and muscle origins and insertions along with demonstrating how to perform manual muscle testing & how to assess range of motion

**ATTR 299 Internship** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Direct applicable work experience under the supervision of the Athletic Training Faculty Intern Advisor. Application processed through the Career Center. Must apply semester prior to internship.

**ATTR 300 Lower Extremity Injury Evaluation** 3 hours  
Prerequisites: ATTR 200, BIOL 213/214

Methods of evaluation of athletic injuries are investigated, including history, inspection, palpation, and orthopedic and neurologic testing with focus on the lumbar area and lower extremities.

**ATTR 301 Lower Extremity Injury Evaluation Laboratory** 1 hour

Prerequisites: taken concurrent with ATTR 300

The methods of evaluation including history, inspection, palpation, and orthopedic and neurological testing of athletic injuries will be practiced in a hands-on laboratory environment. This laboratory experience will focus on lower extremity injuries.

**ATTR 302 Upper Extremity Injury Evaluation** 3 hours  
Prerequisites: ATTR 200, 300, BIOL 213/214; can be taken concurrently with BIOL 215/216.

Methods of evaluating injuries to the physically active are investigated including history, inspection, palpation, and orthopedic and neurological testing. Focus includes evaluation of injuries to the upper extremity, head, neck and thorax. Other topics include management of crisis situations and facial injuries related to athletic participation.

**ATTR 303 Upper Extremity Injury Evaluation Laboratory** 1 hour

Prerequisites: taken concurrent with ATTR 302

The methods of evaluation including history, inspection, palpation, and orthopedic and neurological testing of athletic injuries will be practiced in a hands-on laboratory environment. This laboratory experience will focus on upper extremity injuries.

**ATTR 305 Emergency Care for Athletic Training** 3 hours  
Prerequisites: ATTR 200, 210, and BIOL 213/214 (may use as co-requisite); for ATEP provisionally-accepted students only

Advanced level of first aid and CPR training for individuals who have a job-related "duty to respond." This course includes such topics as: CPR use of the resuscitation mask bag-valve mask and Automated External Defibrillator; anatomy; patient assessment; shock; bleeding; burns; oxygen and airway care; spine board use; and other medical emergencies.

**ATTR 306 Emergency Care for Athletic Training Laboratory** 1 hour

Prerequisites: taken concurrent with ATTR 305

This lab course provides students with the application of advanced level first aid and CPR training for individuals who have a job-related "duty to respond." This course is designed for students to gain proficiency in first aid skills as it relates to such topics as: CPR use of the resuscitation mask bag-valve mask and

Automated External Defibrillator; anatomy; patient assessment; shock; bleeding; burns; oxygen and airway care; spine board use; and other medical emergencies discussed in ATTR 305.

**ATTR 310 Therapeutic Modalities in Athletic Training**

Prerequisites: ATTR 305, 306

A study of theories and principles of uses of different modalities to enhance the healing of injuries. Lab experiences included.

**ATTR 311 Therapeutic Modalities Laboratory** 1 hour

Prerequisites: taken concurrent with ATTR 310

This class presents the practical application of therapeutic modalities to enhance the healing of injuries. Laboratory experiences will include the set-up, application and probable outcomes of the use of various therapeutic modalities commonly used in athletic training.

**ATTR 320 Clinical Education II** 2 hours

Prerequisites: ATTR 221

Didactic and psychomotor skill instruction of competencies in Athletic Training. Emphasis will be placed on the application of lower extremity injury and illness evaluation of athletic injuries and therapeutic modalities through clinical scenarios. Will include a clinical education rotation.

**ATTR 321 Clinical Education III** 2 hours

Prerequisites: ATTR 320

Didactic and psychomotor skill instruction of competencies in Athletic Training. Emphasis will be placed on the application of upper extremity injury and illness evaluation of athletic injuries through clinical scenarios. Will include a clinical education rotation.

**ATTR 325 Evidence Based Research in Athletic Training** 2 hours

Prerequisites: ATTR 225, 226, 305, 306

This class introduces the research process in athletic training with an emphasis on evidence-based medicine. Students will learn to evaluate the quality of available research evidence and interpret statistical data and relevance. Scientific writing experience will be gained in the form of research proposals, literature reviews, case studies and critical appraisals.

**ATTR 400 Principles of Therapeutic Exercise and Rehabilitation** 3 hours

Prerequisites: ATTR, 310/311; BIOL 213/214, 215/216

In-depth study of theories and principles used to rehabilitate injuries to the physically active, as well as physiological and psychological factors affecting the rehabilitation function.

**ATTR 402 Practical Applications in Therapeutic Exercise and Rehabilitation** 3 hours

Prerequisites: ATTR 400; BIOL 213/214, 215/216

Lecture and laboratory experiences will include the application, instruction, progression and probable outcomes of the use of therapeutic exercises and rehabilitation techniques commonly used in athletic training.

**ATTR 404 Medical Aspects of Athletic Training** 3 hours

Prerequisites: ATTR 325, 400

Recognition and treatment of general medical conditions and disabilities of athletes and others involved in physical activity. Application of pharmacological principles in the treatment of illness, injury, and disease for an athletic population. Includes lecture and laboratory experiences.

**ATTR 410 Administrative Aspects of Athletic Training** 3 hours

Prerequisite: ATTR 404

A study of the problems and considerations involved in the successful management of an athletic training program. Areas discussed include: budgeting; facility design; ordering and inventory; and legal liability.

**ATTR 420 Clinical Education IV** 2 hours

Prerequisites: ATTR 321

Didactic and psychomotor skill instruction of competencies in Athletic Training. Emphasis will be placed on the application of therapeutic exercise and rehabilitation through clinical scenarios. Will include a clinical education rotation.

**ATTR 421 Clinical Education V** 2 hours

Prerequisites: ATTR 420

Didactic and psychomotor skill instruction of competencies in Athletic Training. Emphasis will be placed on the application of athletic training administration through clinical scenarios. Will include a clinical education rotation.

**ATTR 440 Senior Seminar in Athletic Training** 2 hours

Prerequisite: ATTR 404

A capstone course which will focus on reviewing the acquired knowledge and experiences of the athletic training curriculum. Students will discuss job search and interviewing skills, moral and ethical responsibility, state licensure, continuing education, decision-making accountability and conflict management. The NATA professional code of practice and standards of practice will be reviewed. Preparation for the BOC certification examination will be included.

**AVIATION**

**AVIA 101 Exploring Aviation** 3 hours

This course explores the field of aviation, career opportunities, and future trends. While learning about their future in aviation, students will study blimps, rocketry, gliders, and the principles of flight.

**AVIA 102 Aviation Orientation** 1 hour

Prerequisite: Must be enrolled in AVIA 220

This course is required for all aviation majors. Its purpose is to prepare new students for their university and professional careers by discussing students' responsibilities and options concerning the aviation industry. Aviation career options will be explored. Academic and airport requirements and procedures will be covered.

**AVIA 103 Flight Attendant Orientation** 1 hour

This course will introduce the student to the basic safety and customer service requirements of a professional flight attendant. It is conducted in a forty-hour intensive format and upon success completion, the student will receive a certificate of completion from the Flight Attendant Training Group LLT.

**AVIA 210 Private Ground I** 2 hours

A solid foundation in aerodynamics, aircraft systems and servicing, airport operations and communication, regulations, meteorology, weight and balance, as well as description of primary flight maneuvers.

**AVIA 215 Private Ground II** 2 hours

Prerequisite: AVIA 210

A continuation of AVIA 210 to include cross country navigation methods, flight physiology and meteorology to prepare the student for the required FAA Private Pilot written exam.

**AVIA 220 Private Flight I** 3 hours

Co-requisite: To be taken simultaneously with AVIA 210

Primary flight training in fundamental pilot operations, including ground reference maneuvers, traffic patterns, emergency procedures and takeoffs and landings. Approximately 20 flight hours.

**AVIA 225 Private Flight II** 3 hours

Prerequisite: AVIA 220

Co-requisite: Taken simultaneously with AVIA 215

Continuation of AVIA 220 to include basic flight maneuvers, maximum performance takeoffs and landings, cross-country flights and introduction to high density airport operations. This course

will prepare the student for the required FAA Private Pilot Flight practical test. Approximately 25 flight hours.

**AVIA 230 Unmanned Aerial Systems** 3 hours

This course provides the student with a detailed introduction into the history of unmanned flight and the current status of Unmanned Aerial Systems. The student will become knowledgeable of the capabilities and pay load of civilian Unmanned Aerial Systems. Additionally, they will become proficient in UAS simulation and will be introduced to actual UAS flights.

**AVIA 235 Small Unmanned Aerial System Operator Certification** 3 hours

Prerequisite: AVIA 230

This course is designed for small unmanned aerial systems operational certification. Each student will receive academic training on UAS systems, Simulator flights in UAS, and a series of UAS flights leading to certification.

**AVIA 240 GPS Navigation** 1 hour

Prerequisite: AVIA 220 and Private Pilot Certificate

This course covers the Global Positioning System (GPS) theory, operations, hardware and usage. The student will become proficient in IFR and VFR usage of most available GPS receivers.

**AVIA 241 GPS Instrument Navigation** 1 hour

Prerequisite: AVIA 240

This course covers the Global Positioning System (GPS) theory, operations, hardware and usage as related to operations in the instrument flight rules (IFR) environment. The student will become proficient in IFR usage of the Garmin G1000 Global Positioning System. This course references National Airspace and critical ATC elements including navigation, operations in controlled non-controlled airspace and towered and non-towered airport environments. Elements of communication, radio operations and a variety of operational concerns referenced to instrument flying will be referenced as well.

**AVIA 245 Aviation Leadership** 3 hours

Prerequisite: Junior status

This course will cover the requirements of all branches of service to become aviators. The student will become familiar with and practice the Military Aviation Selection Battery Test in preparation to taking the actual military test battery. (Formerly AVIA 445)

**AVIA 250 Introduction to Space Flight** 3 hours

A survey of the major aspects of space flight. Topics covered include the history of space flight, space shuttle operations, and present and future commercial, industrial, and military applications in flight.

**AVIA 300 Aviation Safety** 2 hours

Prerequisite: AVIA 310

This course provides the student with a detailed introduction into aspects of aviation safety, risk management, and the associated components of pilot psychology, human factors and accident trends, factors and analysis.

**AVIA 305 Airplane Aerodynamics** 3 hours

Prerequisite: AVIA 225

This course will provide the student a study of the physical principles of airplane aerodynamics, thereby fostering an appreciation of the factors affecting aircraft performance, stability and control, and special flight conditions often experienced by commercial pilots of fixed-wing aircraft.

**AVIA 310 Instrument Ground** 3 hours

Prerequisite: AVIA 225

FAA regulations, radio communications, air traffic control procedures and meteorology as it relates to flight instruments and

use of radio navigation instruments. Student will be prepared for the required FAA Instrument written exam.

**AVIA 311 Instrument Theory Lab** 1 hour

Prerequisite: Private Pilot Certificate

This course is designed to provide the student with ability to convert instrument flight theory to practical flight simulator operations. Student will fly simulator lights in the basic instrument phase to build a strong instrument scan. After mastering basic instruments, they learn radio calls and navigation used to perform instrument approaches to a landing.

**AVIA 315 Commercial Ground** 3 hours

Prerequisite: AVIA 225

This course will prepare the student for the FAA Commercial Pilot written exam by acquiring advanced aeronautical knowledge in aerodynamics, regulations, meteorology, aircraft systems, and airspace operations. Students will be prepared for the required Commercial Pilot written exam.

**AVIA 320 Instrument Flight** 3 hours

Prerequisite: AVIA 310

Basic instrument flight training including air traffic control clearances, and orientation to radio navigation techniques. Use of the simulator will be integrated for introduction to each phase. Approximately 35 flight hours and the required FAA Instrument practical check flight.

**AVIA 325 Commercial Flight I** 1 hour

Prerequisite: AVIA 320

Basic commercial pilot flight maneuvers and complex/high performance aircraft systems and operations. This course will provide thorough preparation for the required FAA Commercial Pilot check flight. Approximately 110 flight hours.

**AVIA 326 Commercial Flight II** 1 hour

**AVIA 327 Commercial Flight III** 1 hour

**AVIA 335 Command and Control of Unmanned Aerial Systems** 3 hours

Prerequisites: AVIA 230, 235

This course is designed to teach the student the many aspects of command and control of Unmanned Aerial Systems (UAS). Through academic theory and actual simulator training sessions the student will be prepared for certification in command and control in the medium UAS class of aircraft.

**AVIA 340 Aviation Weather** 3 hours

Prerequisite: AVIA 225 and Private Pilot Certificate

This course is a study of weather hazards, meteorological flight planning, aviation weather equipment and human factors as related to flight safety in all weather conditions.

**AVIA 350 Airline Operations** 3 hours

Prerequisite: AVIA 310

A study of the scope and function of major air carrier's organizational structure and the specific relationships of the operations department with those of marketing, maintenance, and safety are discussed. A study of corporate issues including the industry in general, market structure, certification FAR Part 121 regulations, economic issues, mergers, corporate culture, and international topics will be included. From an operational perspective, topics include flight operations employment policies, domiciles, operating specifications, types of services provided, training, passenger considerations, decision making, communications, and pertinent FARs.

**AVIA 360 Corporate and Business Aviation** 3 hours

Prerequisite: AVIA 225

This course is designed to introduce aviation students with the operations of a corporate flight department. They will understand the value of management mobility which requires specific operations other than commercial airline options. The student will learn how to evaluate aircraft and equipment requirements,

maintenance demands and logistical difficulties, flight operations specific to this unique environment, administration requirements for smooth and efficient operations, as well as the fiscal considerations which will impact the business profits.

**AVIA 400 *Aerospace Law, Human Factors and Crew Resource Management*** 3 hours

Prerequisite: AVIA 225, 310

This course is divided into three parts. The first will cover the scope of all regulations concerning aviation and how they impact the pilot. The second part will provide the basic understanding of the human factors concepts including psychological and physiological limitations of humans operating in complex environments. The third part will provide an in-depth study of Crew Resource Management, which involves having a complete understanding of the flight deck environment and the proper utilization of all resources available to an aviator.

**AVIA 405 *Advanced Aerodynamics*** 3 hours

Prerequisites: AVIA 305, 320

This course will survey the theory of airplane performance and flight characteristics to include pilot static calibration, weight and balance, engine and propeller performance, takeoff and landing performance, range and endurance, excess energy and power, 1G stalls, turn performance, and longitudinal, lateral and directional static and dynamic stability and control. The course will provide in class instruction and practical laboratory work in both a simulator and aircraft to quantitatively document aircraft performance, and stability and control. Flight test data reduction and reporting techniques will conclude the learning objectives as student will report on the results of their evaluations.

**AVIA 410 *Flight and Ground Instructor Theory*** 3 hours

Prerequisite: AVIA 315

Provides the student with a detailed study of the responsibilities and teaching concerns of a flight instructor. The course is divided into two major sections: fundamentals of teaching and learning, including effective teaching methods, learning process, consideration of flight training syllabi, effective evaluations, and flight instructor responsibilities; the second section is concerned with the analysis of the flight maneuvers involved with Private Pilot, Commercial Pilot and Flight Instructor Certificates. The course will also provide practical teaching experiences.

**AVIA 420 *Flight Instructor Flight*** 1 hour

Prerequisite: AVIA 325

Introduction to flight instructor techniques and maneuvers in preparation for the FAA Certified Flight Instructor initial practical test.

**AVIA 422 *Certified Flight Instructor - Instrument (CFII)*** 3 hours

Prerequisite: Commercial Pilot Certificate

This course is designed to train students to successfully complete the FAA Certified Flight Instructor Instrument Certificate. The course will contain both academic classroom and aircraft flight training required by FAA regulations. The academic ground school will consist of 11 lessons exceeding the FAA requirement of 40 classroom hours of instruction. The flight portion of this course will consist of 10 flights exceeding the FAA requirement of 25 hours of flight time. (Available Spring 2015)

**AVIA 424 *Airline Transport Pilot*** 3 hours

Prerequisites: AVIA 315, AVIA 325, AVIA 326, AVIA 327; or a Commercial Pilot Certificate. FAA Required Aeronautical Experience.

This course is designed to train the student to obtain the knowledge, skill, and aeronautical experience necessary to meet the FAA Part 141 requirements to obtain an Airline Transport Pilot Certificate. The course will contain both academic classroom and

aircraft flight training required by FAA regulations. The academic ground school will consist of 11 lessons exceeding the FAA requirement of 40 classroom hours of instruction. The flight portion of this course will consist of 10 flights exceeding the FAA requirement of 25 hours of flight time. (Available Spring 2015)

**AVIA 430 *Multi-Engine Theory and Advanced Aircraft Systems*** 3 hours

Prerequisite: AVIA 310

This course covers the operations necessary to operate twin-engine aircraft. Normal and abnormal procedures are included along with a discussion of the systems and aerodynamics normally associated with these aircraft. Regulations for commercial pilots are included.

**AVIA 435 *Advanced Jet Systems*** 3 hours

Prerequisites: Private Pilot Certificate, Instrument Rating, Commercial Ground (AVIA 315)

This course is designed to provide advanced jet training by systematically studying the aircraft systems found on different variants of the Canadair Regional Jet (CRJ). This course explores all the major aircraft systems for the Bombardier CRJ-200. This course also includes “differences training” covering unique CRJ-700 systems.

**AVIA 436 *Advanced Jet Training*** 3 hours

Prerequisite: AVIA 435

This is the capstone course for the Commercial/Corporate Aviation concentration. Each student will receive a minimum of 45 hours of instruction including 20 hours of scenario-based Advanced Jet Training in a CRJ-200 Flight Training Device. This training will include: Crew Resource Management and checklists usage in multi-crew environment, Flight Management System (FMS) operation, Normal procedures and flight profiles, Abnormal/ Emergency procedures and flight profiles, High altitude aerodynamics, and Aeronautical Decision Making.

**AVIA 440 *Multi-Engine Flight*** 1 hour

Prerequisite: AVIA 225 & Private Pilot Certificate

Introduction to multi-engine flight and all related maneuvers in preparation for the FAA Multi-Engine Rating.

**AVIA 441 *Multi-Engine Instructor*** 1 hour

Prerequisites: AVIA 420, 440

This course is needed to train prospective multi-engine instructors to train our student pilots. Additionally, this course will open the door for GI Bill funding for veterans.

**AVIA 450 *Confined Area Operation*** 2 hours

Prerequisite: AVIA 325

This course will prepare students to plan and operate in confined areas with short and unpaved landing strips. The student will learn safety aspects, risk management and flight techniques necessary to successfully operate throughout the world.

**AVIA 455 *Turbine Engines and Jet Transports*** 3 hours

Prerequisite: AVIA 225

This course will be an intensive study of the turbine engine theory, design and operations. The student will also receive a broad knowledge of all commercial airline types and will acquire a more in-depth understanding of the Boeing 737 Aircraft.

**AVIA 460 *Aviation Interview and Etiquette Techniques*** 3 hours

Prerequisite: Aviation Major/Senior Status

This course will cover the unique requirements of aviation job interviews. Practice interviews with professionals from the industry will critique personal appearance, dress and professional knowledge.

**AVIA 495 *Directed Research*** 1 to 3 hours

**AVIA 499 *Aeronautics Internship*** 3-6 hours

**AVMN/AVMT – AVIATION MAINTENANCE  
TECHNICIAN**
**AVMN/AVMT 100 Aircraft Sciences I** 3 hours

Co-requisites: AVMT 102, 104, 106

This course will provide the student with a review of the fundamental operations in arithmetic as they are applied routinely in aircraft maintenance, including fractions, decimals, ratio, geometry, basic trigonometric functions, formulae, and proportions. Basic concepts of aviation applied physics will be presented, including: aerodynamic laws, theory of flight, fluid, heat, power, work, simple machines, and sound. The student will also learn aircraft weight and balance procedures, center of gravity computations, and how to identify and rectify adverse loading conditions.

**AVMN/AVMT 102 Aircraft Sciences II** 3 hours

Co-requisites: AVMT 100, 104, 106

This course is designed to introduce the student to direct and alternating current electricity, electrical circuit design, measuring devices, transformers, magnetism, electromagnetism, electronic devices and applications; with emphasis on basic laws relating to voltage, current, resistance, inductance, and capacitance. The student will also learn how to read and interpret electrical diagrams and to inspect and service aircraft batteries. This course will also give the student an understanding of aircraft drawings, symbols, and schematic diagrams commonly used in aircraft maintenance and illustrated parts manuals; the knowledge and ability to create drawings and sketches of repairs or alterations, and the ability to interpret blueprints, graphs, and charts.

**AVMN/AVMT 104 Maintenance Practices I** 3 hours

Co-requisites: AVMT 100, 102, 106

This course is designed to develop the student's skills in the proper use of basic aircraft mechanic's hand tools and measuring devices, aircraft hardware, safety methods, and materials used in aircraft maintenance and repair. Various methods of nondestructive testing will be learned and applied to practical situations, including liquid penetrant, magnetic particle, eddy current, ultrasound and radiography. The student will understand the privileges, limitations, and regulations provided by the FAA Code of Federal Regulations pertinent to aircraft maintenance technicians. Emphasis will be placed on the selection and use of FAA and manufacturers' aircraft maintenance specifications, data sheets, manuals, and publications; as well as proper logbook and maintenance entries and record keeping.

**AVMN/AVMT 106 Maintenance Practices II** 3 hours

Co-requisites: AVMT 100, 102, 104

This course will instruct the student in aircraft cleaning; corrosion identification, treatment, removal, and control practices. The student will learn how to fabricate and install flexible and rigid fluid lines and fittings. The student will also understand proper procedures for safely securing, moving, fueling, starting, servicing, and taxiing aircraft.

**AVMN/AVMT 200 Airframe Auxiliary Systems** 3 hours

Co-requisites: AVMT 202, 204, 206, 208, 210

This course will provide the student an understanding of operating principles and basic maintenance techniques for airframe auxiliary systems and their components, including: cabin atmosphere control, communication and navigation, instruments, static and pitot, fire detection and extinguishing, smoke and carbon monoxide detection, ice and rain control, speed and configuration, anti-skid brakes, as well as position and warning. The student will also learn the operations and maintenance of aircraft fuel systems and components, including fluid quantity indicating systems, fluid pressure and temperature warning systems, fuel dump systems, transfer and defueling, and pressure fueling systems.

**AVMN/AVMT 202 Aircraft Electrical Systems** 3 hours

Co-requisites: AVMT 200, 204, 206, 208, 210

This course is designed to provide the student with an advanced study of AC and DC electrical systems, electrical power generation and control; to include alternators, generators, motors, relays, switches, wiring installations, load analyses, and aircraft batteries. The student will gain principle knowledge and skills to inspect, check, service, and troubleshoot airframe electrical components.

**AVMN/AVMT 204 Airframe Structures I** 3 hours

Co-requisites: AVMT 200, 202, 206, 208, 210

This course will instruct the student in the basic construction and properties of materials typically used in aircraft applications, with emphasis on aluminum sheet metal applications and their manufacture, repair, and inspection. Student projects will focus on sheet metal lay-out, cutting, forming, bending and riveting, using solid and blind rivets, as well as identifying and using specialty fasteners.

**AVMN/AVMT 206 Airframe Structures II** 3 hours

Co-requisites: AVMT 200, 202, 204, 208, 210.

In this course the student will learn the design, application, fabrication, repair, finishing, and safety practices relating to composite, laminated, honeycomb, bonded, plastic, wood and fabric materials found in structural applications on aircraft, including windows, doors, and interior panels and furnishings. The student will also gain understanding and skills in various welding methods, procedures, and techniques as applied to aircraft manufacturing and repair. Oxygen/acetylene, shielded metal arc, gas metal arc welding, soldering and brazing processes will be studied.

**AVMN/AVMT 208 Airframe Assembly and Inspection** 3 hours

Co-requisites: AVMT 200, 202, 204, 206, 210

This course will instruct the student in aircraft covering materials, construction, inspection, and repairs using natural and synthetic fabrics. The student will understand the identification, inspection, and application of finishing materials to both fabric and metal surfaces, including touch-up, trim, and lettering. The student will learn the fundamentals of airframe assembly, rigging, aerodynamics, and controls. This course will also introduce the student to conformity and airworthiness inspection requirements and procedures as they relate to the airframe, including knowledge and abilities needed to perform inspections and properly complete associated forms and paperwork.

**AVMN/AVMT 210 Airframe Hydraulic, Pneumatic, and Landing Gear Systems** 3 hours

Co-requisites: AVMT 200, 202, 204, 206, 208

This course is designed to introduce the student to basic fluid mechanics as it applies to practical applications in airframe systems. Construction and operation of hydraulic and pneumatic systems and components will be discussed, as well as identification and selection of hydraulic fluids and their related components. The student will learn landing gear designs, construction, and operations; as well as the inspection, servicing, and repair or replacement of various types of fixed and retractable landing gear systems, shock struts, brakes, wheels, tires, and steering systems.

**AVMN/AVMT 212 Reciprocating Engines** 3 hours

Co-requisites: AVMT 214, 216, 218, 220

This course will instruct the student in the principles of operation, construction, and design of reciprocating aircraft engines and components. The student will gain procedural knowledge and technical skills in reciprocating engine removal, disassembly, inspection, servicing, overhaul, reassembly, installation, and troubleshooting.

**AVMN/AVMT 214 Engine Electrical Systems** 3 hours  
Co-requisites: AVMT 212, 216, 218, 220

This course will present the principles of operation and servicing procedures of electrical systems and electrical components found on reciprocating and turbine engine powered aircraft. Students will study and understand the operation, inspection, and servicing of ignition and starting systems, generation and control systems, auxiliary power units, and wiring installations.

**AVMN/AVMT 216 Engine Auxiliary Systems I** 3 hours  
Co-requisites: AVMT 212, 214, 218, 220

In this course the student will learn the construction, operation, inspection, troubleshooting, servicing, repair and overhaul of reciprocating engine carburetion, injection, and fuel metering systems, as well as turbine engine fuel control systems. The student will also study fuel warning, pressure and rate of flow instruments, as well as reciprocating and turbine engine lubricants and lubrication systems.

**AVMN/AVMT 218 Engine Auxiliary Systems II** 3 hours  
Co-requisites: AVMT 212, 214, 216, 220

In this course, the student will study engine instrument systems, fire detection and extinguishing systems, induction systems, cooling systems, exhaust and thrust-reverser systems, with a focus on theory of operation, servicing, inspection, repair, and troubleshooting. The student will also learn the theory of operation and basic construction of fixed-pitch, constant-speed, and feathering propellers. The student will also be introduced to propeller synchronization systems, ice-control systems, and propeller governing systems. The student will gain knowledge & skills to inspect, check, service, remove, repair, and install propellers.

**AVMN/AVMT 220 Turbine Engines** 3 hours  
Co-requisites: AVMT 212, 214, 216, 218.

This course provides the student with an understanding of gas turbine engine cycles, high speed gas flow, and the design and construction of turbojet, turboprop, and turbofan engines. The student will receive an introduction to unducted fans and turbine-driven auxiliary power units. The student will learn the fundamentals of turbine engine operation, removal and replacement, maintenance, servicing, troubleshooting, and inspection.

## BIOCHEMISTRY

**BCHM 450 Medical Biochemistry** 3 hours  
Prerequisite or Co-requisite: BIOL 415 or CHEM 302

This lecture course covers aspects of biochemistry relevant to the practice of medicine. The human body is surveyed as an integrated chemical system with emphasis on the molecular basis of disease and the clinical application of therapies to restore body function. The link between biochemistry and human anatomy and physiology is examined with special emphasis on the gastrointestinal tract and catabolism, the immune response and biochemical endocrinology, blood and hemostasis, lipid metabolism and liver function, and glucose metabolism and muscle contractions.

**BCHM 451 Biochemistry I** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: CHEM 301; BIOL 301 and 415: and MATH 126 or 132

Advanced topics in biochemistry. Emphasis is placed on: 1) physical biochemistry including thermodynamics, kinetics, solutions and equilibria; 2) protein structure/function and enzyme kinetics, mechanisms and regulation; and 3) intermediary metabolism and its regulation.

**BCHM 452 Biochemistry II** 4 hours

(3 hours lecture; 3 hours lab)

Prerequisite: BCHM 451

Continuation of BCHM 451 (Biochemistry I). Emphasis is placed on: 1) membrane physiology, including lipid biosynthesis, membrane transport, excitable membranes, electron transport and oxidative phosphorylation, and photosynthesis; and 2) the flow of biological information, including nucleotide biosynthesis, DNA replication and repair, transcription, and translation.

**BCHM 495 Directed Research** 1 to 3 hours

**BCHM 497 Special Topics in Biochemistry** 1 to 3 hours

## BIBLICAL STUDIES

**NOTE: BIBL 105 and 110 or 205 and 210 are prerequisites for all upper-level BIBL courses.**

**BIBL 105 Old Testament Survey** 1 or 3 hours

An introduction to the authorship and contents of the Old Testament books. Special attention will be given to important persons, places and events, as well as to key chapters in the Old Testament revelation.

**BIBL 110 New Testament Survey** 1 or 3 hours

An introduction to the authorship and contents of the New Testament books. Special attention will be given to important persons, places, events, as well as to key chapters in the New Testament revelation.

**BIBL 205 Old Testament Life and Literature** 3 hours

A comprehensive study of the Old Testament: its historical setting and framework; its literary types; the theme, development and composition of its books; and the developing theological perspective of the Old Testament revelation.

**BIBL 210 New Testament Life and Literature** 3 hours

A comprehensive study of the New Testament: its historical setting and framework; its literary types; the theme, development, and composition of its books; and the distinctive theological contributions of the various portions and authors of the New Testament revelation.

**BIBL 311 Joshua thru Judges** 3 hours

A study of Israel's history during the time of conquest and settlement of Palestine. Cultural background factors, geographical information and homiletical possibilities in these books will be explored carefully.

**BIBL 314 Old Testament Poetical Books** 3 hours

An introductory study of Old Testament poetry with an analysis, interpretation and application of the contents of Job, Psalms, Proverbs, Ecclesiastes, Song of Solomon and Lamentations.

**BIBL 316 Isaiah** 3 hours

An analytical and exegetical study of the content of the book of Isaiah, with critical examination of its theological content and issues of interpretation. (Formerly BIBL 416).

**BIBL 317 Minor Prophets** 3 hours

An expositional study of the twelve minor prophets of the Old Testament. Each book will be covered from the historical and theological perspective in addition to devotional value.

**BIBL 323 John** 3 hours

An analytical and exegetical study of the Gospel of John with special emphasis on John's Christology that Jesus is the Messiah, the Son of God.

**BIBL 324 Pastoral Epistles and Leadership Development** 3 hours

An expositional study of I and II Timothy and Titus with emphasis on themes pertaining to the local church. Attention will be given to current issues which relate to selected controversial passages.

**BIBL 330** *Life of Christ* 3 hours

The life of Jesus Christ on earth as seen in the Gospels will be studied thematically and chronologically in the light of its historical background, geographical setting, political situation, and religious conditions. Special emphasis will be given to His mission and message. Attention will also be given to current issues relating to the historical Jesus debate.

**BIBL 350** *Inductive Bible Study* 3 hours

An introduction to the basic steps and tools involved in the inductive study of the Bible. The student will develop the skills to practice a methodical approach to the observation, interpretation, application, and correlation to Scripture.

**BIBL 364** *Acts* 3 hours

A study of the growth and development of the first century Church as recorded by the accurate historian, Luke. Special attention will be given to the activity of the Holy Spirit in the ministries of Peter and Paul. (Formerly BIBL 424).

**BIBL 370** *Logos Bible Software* 3 hours

Prerequisites: BIBL 105 or 205 and BIBL 110 or 210

A study of the Logos Bible Software program, focusing on how the program works, and how to retrieve information and use it in Bible study. Special attention will be given to the ability to navigate, customize, and search the software, and to prepare layouts, handouts, and Bible study materials.

**BIBL 410** *Genesis* 3 hours

An intensive doctrinal and historical study of the text considering the related issues of chronology, creation, the fall, the flood and the Patriarchal culture setting. The lives of Abraham, Isaac, Jacob and Joseph are given special attention for their practical value.

**BIBL 425** *Romans* 3 hours

An analytical and exegetical study of Romans, giving attention to the great doctrinal issues of condemnation, justification, sanctification, the place of Israel, and practical Christian living.

**BIBL 430** *The History of Ancient Israel* 3 hours

This course will provide a detailed survey of the history and geography of Israel from the time of the Patriarchs through Exodus, Conquest, Judges, Kings, the Babylonian Captivity, the Return and the Inter Testamental period. The study will also include a survey of the history, archaeology and culture of Israel's ancient geographical neighbors including the Canaanites, Philistines, Ammonites, Moabites, Edomites, Assyrians, Babylonians and Persians.

**BIBL 431** *Israelology* 3 hours

A systematic study of Israel and the Jewish People as a central and defining feature of biblical theology. Consideration will be given to the importance and central role of Israel's biblical covenant, Israel's relationship with the church, and Israel's future in the divine program.

**BIBL 432** *Messianic Prophecy* 3 hours

A systematic study of the Hebrew prophecies of the Messiah and their fulfillment by Jesus of Nazareth primarily at His first coming but also as some relate to His second coming. Interaction with Jewish objections relating to Jesus' claim to be their Messiah will be examined along with those brought forth by Gentiles. Key Old Testament passages will be examined along with their New Testament fulfillment.

**BIBL 433/** *The Jewish Temple in* 3 hours  
**GOVT 433** *History and Prophecy*

This course is an introduction to the historical, archaeological, and theological significance of the Jewish Temple and its various forms in the Bible.

**BIBL 434** *General Studies in Israel Seminar* 3 hours

An onsite study of the history, archaeology, geography, religion and culture of ancient and modern Israel, through an extensive tour throughout the country. Including discussions of political history and theories on site and with people who experienced this history.

*Please note:* This course is taught in the country of Israel. The student must register for the World of the Bible Study Tour online at: [www.worldofthebible.com](http://www.worldofthebible.com) or by phone: (512) 396-3799.

**BIBL 450** *Daniel – Revelation* 3 hours

An expository treatment of the two major apocalyptic books of the Bible. The verse-by-verse study will be supplemented with historical, doctrinal and eschatological materials emphasizing the relationship of these two prophetic books.

**BIBL 460** *New Testament Theology* 3 hours

This course will introduce the student to the major themes developed in the New Testament, including the centrality of God, Christology, Jesus' saving work, the Holy Spirit, sin, faith, law, the church, and eschatology. The goal is to understand the basic theological message of the New Testament in both its diversity of expression and conceptual unity. Attention is given to equipping the student to trace themes in Biblical Theology.

**BIBL 461** *Old Testament Theology* 3 hours

This course is an examination of the major theological themes of the Old Testament explaining how they function in light of the major OT covenants and the time line of the history of the Old Testament. These themes will reveal an organic and typological connection with their NT counterparts.

**BIBL 471** *Biblical Archaeology* 3 hours

A focus on archaeological terminology, methodology, and interpretation as they relate to biblical studies. (This course fulfills a Bible Background requirement.)

**BIBL 472** *New Testament Backgrounds* 3 hours

An examination of the historical, literary and socioeconomic milieu of the New Testament. (Formerly BIBL 372)

**BIBL 473** *Old Testament Backgrounds* 3 hours

An examination of the historical, literary and socioeconomic milieu of the Old Testament. (Formerly BIBL 373)

**BIBL 480** *Hermeneutics* 3 hours

Prerequisite: BIBL 350

An introduction to the principles, issues, and techniques of biblical interpretation. A special emphasis will be given to genre specific study and associated subgenre within the Old and New Testaments. The course builds on the foundation of BIBL 350. (Formerly BIBL 380)

**BIBL 495** *Directed Research* 1 to 3 hours

**BIBL 497** *Special Topics in Bible* 1 to 3 hours

**BIBL 499** *Bible Internship* 3 hours

Prerequisites: Junior or Senior status (Students may see professor for prerequisite override); 3.00 GPA; BIBL 350 and THEO 350 (21 total hours in major); BTST major.

This internship will focus on both the programming and leadership aspects of ministry. It will be a supervised field experience at an approved site. Application procedures processed through the online application. (Available Spring 2015)

**BIOLOGY**

**BIOL 101** *Principles of Biology* 3 hours

An examination of the fundamental characteristics common among living things. Emphasis is placed upon studies of the cell, energy, metabolism, reproduction, heredity, ecology, phylogeny and the diversity of life.



**BIOL 102 Principles of Human Biology** 3 hours

An examination of structure, function, development and homeostatic interaction in higher organisms with special emphasis on human body systems.

**BIOL 103 Principles of Biology Laboratory** 1 hour  
(Meets 2 hours)

Prerequisite: Concurrent or previous enrollment in BIOL 101

Laboratory exercises selected to demonstrate basic biological concepts. Emphasis is on cell composition, structure and function, plant and animal organization, genetics, and biological diversity.

**BIOL 104 Principles of Human Biology Laboratory** 1 hour  
(Meets 2 hours)

Prerequisite: Concurrent or previous enrollment in BIOL 102

Laboratory exercises selected to demonstrate basic biological concepts. Emphasis is placed on structure and function in higher organisms, development, behavior, parasitism, and the history of life.

**BIOL 203 Introductory Microbiology** 4 hours  
(3 hours lecture; 2 hours lab)

Prerequisite: BIOL 215/216 or HLTH 202

An examination of the fundamental principles of microscopic organisms. Microorganisms are examined with regard to cell structure, metabolism, heredity, diversity and taxonomy. The basic concept of genetic engineering, pathogenicity, human disease, and immunology are presented. Restricted to Family and Consumer Sciences and health-related majors.

**BIOL 213 Human Anatomy and Physiology I** 3 hours

Prerequisite: Math SAT (S02) minimum score of 450, or ACT (S02) minimum score of 18, or Liberty Math Assessment (ASMA) minimum score of 23; or PLMA minimum score of 70; or completion of BIOL 102 and 104 (with "C" or better); to be taken concurrently with BIOL 214

A study of the structure and function of the human body with emphasis on cells, tissues, skin, nerves and special senses, muscle bones, and coordination and control of body movements. Concepts in physiology, including the maintenance of homeostasis, will be discussed. May not be used for general education credit except in conjunction with BIOL 215. (Formerly BIOL 211 lecture)

**BIOL 214 Human Anatomy and Physiology I Lab** 1 hour

Prerequisite: BIOL 213 or concurrently; or BIOL 313 or concurrently

(Meets 2 hours)

Laboratory exercises selected to demonstrate principles of human anatomy and physiology. Emphasis is placed on foundational concepts such as homeostasis, anatomical terminology, the chemistry of living things and the structure and function of cells and tissues. The integumentary, skeletal, muscular and nervous body systems are examined via hands-on exercises and dissection of preserved specimens. (Formerly BIOL 211 Lab)

**BIOL 215 Human Anatomy and Physiology II** 3 hours

Prerequisite: Successful completion of BIOL 213; to be taken concurrently with BIOL 216

A continuation of BIOL 213. A study of the structure and function of the human body with emphasis on the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. Concepts in physiology, including the maintenance of homeostasis, will be discussed. May not be used for general education credit except in conjunction with BIOL 213. (Formerly BIOL 212 Lecture)

**BIOL 216 Human Anatomy and Physiology II Lab** 1 hour

Prerequisite: Successful completion of BIOL 214; BIOL 215 is required as a Co-requisite or prerequisite

(Meets 2 hours)

Laboratory exercises selected to demonstrate principles of human anatomy and physiology. Emphasis is placed on the

structure and function (including hands-on clinical analyses) of the cardiovascular, endocrine, lymphatic, respiratory, digestive, urinary and reproductive systems. Exercises include hand-on clinical analyses and dissection of preserved specimens. (Formerly BIOL 212 Lab)

**BIOL 224 General Biology I** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisite: Math SAT Score of 500, or ACT Composite Score of 20, or grade of "B" or better in BIOL 101.

An introduction to the fundamental principles of Biology. Emphasis is placed upon scientific methodology; molecular, cellular and energetic bases of life; major metabolic processes; cellular and organismic reproduction; Mendelian and population genetics; speciation; phylogenetic reconstruction; ecological interactions; and a brief survey of organisms. Restricted to Biology and pre-professional students. (Formerly BIOL 200)

**BIOL 225 General Biology II** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisite: BIOL 200 "C" or better; or BIOL 224 "C" or better

Survey of the major phyla of the Kingdoms Animalia, and Protista including classification, development, morphology, anatomy, and physiology. Emphasis is placed on mammalian systems including support and movement, circulation and respiration, hormonal and nervous control, homeostasis, digestion, immunity and reproduction. (Formerly BIOL 208)

**BIOL 299 Internship** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

A directed practical work experience under the supervision of the Chair of Biology, in the student's area of career interest. Application processed through the Career Center. Must apply semester prior to internship.

**BIOL 301 Genetics** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 208 "C" or better; or BIOL 225 "C" or better; or BIOL 215/216 "C" or better and BIOL 200 "C" or better; CHEM 122; CHEM 301 recommended

A study of the principles of heredity with emphasis on inheritance in individuals and populations, chromosomal rearrangements, the chemistry of the gene in DNA structure and replication, transcription, translation, the control of gene expression, mutations and their repair, genetic engineering and epigenetic.

**BIOL 303 Microbiology** 4 hours  
(3 hours lecture; 4 hours lab)

Prerequisites: BIOL 208 "C" or better; or BIOL 225 "C" or better; or BIOL 215/216 "C" or better and BIOL 200 "C" or better; CHEM 122 "C" or better

An introduction to micro-organisms with emphasis on principles and techniques of culture and identification, life processes, and diversity of micro-organisms.

**BIOL 305 Parasitology** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 208 "C" or better; or BIOL 225 "C" or better; BIOL 303 highly recommended

A study of major protozoan, helminth, and insect parasites, dealing with their form, function, life cycle, pathology, epidemiology, classification, geographical distribution, treatment and control.

**BIOL 307 Plant Physiology** 4 hours  
(3 hours lecture, 3 hours lab)

Prerequisites: BIOL 200, 207, 208 and CHEM 301

A study of the biochemical and biophysical processes of plants. Emphasis is given to plant-soil water and mineral relations,

nutrient cycling, photosynthesis and carbon metabolism, and plant growth and development.

**BIOL 310 Ecology** 4 hours  
(Offered fall semester) (3 hours lecture; 4 hours lab)

Prerequisites: BIOL 208 “C” or better; or BIOL 225 “C” or better; MATH 201 or 211; junior or senior status; PSYC 355 recommended

An examination of the interrelationships between organisms and biotic and abiotic factors in their environment. The emphasis of the lab is the collection and statistical analysis of quantitative ecological data.

**BIOL 313 Clinical Human Anatomy** 3 hours  
Prerequisites: BIOL 224 and 225 with minimum grade of “C”

This lecture course examines the structures of the human body using both systemic and regional approaches with emphasis on clinical applications and common pathologies. Special attention is placed on gross anatomy that is important in general practice, emergency medicine and surgery while demonstrating anatomy’s relationship to physical examination and diagnosis. An overview of the body systems is followed by a special focus on the thoracic, abdominal, pelvic and lower limb regions.

**BIOL 317 Botany** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisite: Grade of “C” or better in BIOL 224

A survey of the Fungi, Protista, and Plantae kingdoms with an emphasis on the morphology, physiology, anatomy, taxonomy, ecology, reproduction, and phylogeny of plants. The lab includes collection and analysis of experimental data on plants both in the lab and field. (Formerly BIOL 207)

**BIOL 320 Introduction to Entomology** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 208 “C” or better; or BIOL 225 “C” or better; or BIOL 215/216 “C” or better

An introduction to the study of insects including structure, physiology, life histories, ecology and taxonomy with a special emphasis on those insects of medical and economic importance.

**BIOL 321 Comparative Anatomy of the Vertebrates** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 208 “C” or better; or BIOL 225 “C” or better; or BIOL 215/216 “C” or better

A comparative study of the structure and relationships of vertebrate animals.

**BIOL 330 Histology** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 208 or BIOL 225 or BIOL 215/216

A study of the micro-structure and function of the human body with emphasis on biochemistry, cell physiology, and organismal pathology.

**BIOL 361 Forensic DNA Analysis** 3 hours  
Prerequisite: CJUS 200, BIOL 225 or CHEM 122

An introductory course designed to provide the student with an understanding of the general principles and methodologies used in forensic DNA profiling (or typing). Topics covered include the historical development of DNA profiling methods, alternative procedures employed in forensic laboratories, current DNA typing techniques, and the ongoing development of new forensic DNA typing methods. Students will learn to present forensic DNA evidence in a mock trial. The mock trial, complete with a judge, a counsel for the prosecution and for the defense, and a jury, challenges the students both scientifically and legally in a simulated courtroom setting.

**BIOL 371 Vertebrate Paleontology** 3 hours  
(3 hours lecture)

Prerequisite: BIOL 208 “C” or better; or BIOL 225 “C” or better; or BIOL 215/216 “C” or better

A study of vertebrate paleontology, including its methodology and a survey of major vertebrate fossil groups. Intended for upper-level Biology majors.

**BIOL 385 Advanced Human Physiology** 3 hours  
Prerequisite: BIOL 208 or 225 with a “C” or better

Human physiology is the study of the functions of the body and how it maintains homeostasis. This lecture course examines those functions from a cellular and molecular basis using a systemic approach. Special attention is placed on medically vital systems including the nervous, cardiovascular, respiratory, digestive and endocrine systems. The course will be of use and interest to students intending to go to medical school or other health-related fields.

**BIOL 400 Biology Seminar** 1 hour  
Prerequisites: BIOL 310 or 415 and COMS 101

The preparation and presentation of a paper, discussion of presentations, and/or the discussion of articles in the scientific literature. This course can be repeated and up to 4 hours can be applied toward the major. Restricted to Biology majors and minors.

**BIOL 402 Forensic Science Seminar** 1 hour  
Prerequisite: COMS 101; BIOL 361 or CJUS 340

Students will be exposed to topical areas in Forensic Science by presentations conducted by expert guest speakers and/or by readings and discussions of the most recent forensic techniques and applications. Seminars will help prepare students to be leaders in the field of forensic science as law enforcement professionals, crime scene investigators, or forensic laboratory specialists. An oral presentation on a research topic by each student required.

**BIOL 403 Embryology** 4 hours  
(3 hours lecture; 3 hours lab)  
Prerequisites: BIOL 415

Fundamentals of early development and experimental analysis of development systems and a descriptive and comparative study of organogenesis with emphasis on vertebrates.

**BIOL 408 Animal Behavior** 4 hours  
(3 hour lecture; 3 hour lab)

Prerequisites: BIOL 208 “C” or better; or BIOL 225 “C” or better

An introduction to the mechanisms and functional significance of animal behavior. Topics include: the role of genes, development, the nervous system, and the endocrine system in the expression of behavior; learning communication, orientation and navigation, and habitat selection; feeding, reproductive, and parenting strategies; mating systems and social behavior. Labs will employ both observational and experimental methods in the lab and in the field.

**BIOL 410 Environmental Biology** 4 hours  
(3 hour lecture; 3 hour lab)  
Prerequisites: BIOL 310

Field and lab methods used by government and industry to assess the impact of a pollutant upon an ecosystem including toxicity testing, in stream evaluations of macro invertebrates and fish, exposure and risk assessment modeling.

**BIOL 415 Cell Biology** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 301 and CHEM 301 or CHEM 301 concurrently

A study of the organization and function of living matter at the cellular level. Special emphasis will be given to the integration of molecular and cellular interactions for the maintenance of life.

**BIOL 416 Comparative Animal Physiology** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 301 and CHEM 301

A comparative study of the differences and similarities in the functional processes of animals belonging to various animal groups in a variety of environmental settings.

- BIOL 418 Vertebrate Natural History** 4 hours  
(3 hours lecture; 3 hours lab)  
Prerequisites: BIOL 208 “C” or better; or BIOL 225 “C” or better  
A study of the life history of the vertebrates with special emphasis on their taxonomy, life cycles, and ecological relationships. Vertebrates native to central Virginia will receive special attention.
- BIOL 419 Ornithology** 4 hours  
(3 hours lecture; 3 hours lab)  
Prerequisites: BIOL 208 “C” or better; or BIOL 225 “C” or better  
An introduction to the study of birds including anatomy, physiology, life cycle, behavior, population biology, ecology, and taxonomy. The emphasis of lab will be on field techniques of identification and study of species native to Virginia.
- BIOL 420 Immunology** 4 hours  
(3 hours lecture; 3 hours lab)  
Prerequisites: BIOL 301 and 303  
A comprehensive view of the basic principles of the immune system of living organisms, with particular emphasis on humans. It examines the cells and tissues of the immune system, describes the structure and function of immunoglobulins, and examines their interactions with antigens.
- BIOL 421 Forensic Entomology** 3 hours  
Prerequisite: BIOL 225, CJUS 330 or CJUS 340  
An introductory course designed to explore the use of insects and other arthropods in the field of forensic science as it pertains to the investigations of human and animal deaths and abuse, food and other product contamination, thefts, the illegal drug trade, and unethical entomological practices. The use and presentation of this information from such investigations in court room proceedings will be discussed.
- BIOL 455 Molecular Techniques** 3 hours  
(1 hour lecture; 5 hours lab)  
Prerequisites: BIOL 415  
This course covers the basic molecular biological techniques involved in the study of DNA, RNA, and proteins. Specific techniques include: PCR; DNA cloning; library screening; proteomics and the use of gene sequence databases; and molecular modeling. (Formerly BCHM 455)
- BIOL 462 Forensic DNA Analysis Laboratory** 1 hour  
Prerequisite: BIOL 301, CHEM 321, CJUS 330, CJUS 340 or BIOL 361 (Recommended).  
This integrated laboratory course will introduce the student to techniques currently used in forensic DNA FNA profiling crime laboratories. Laboratory activities include extraction and quantification of DNA from biological sources and the use of PCR-based techniques to generate DNA profiles. Additional activities will include solution preparation, sample processing, handling and preservation, recordkeeping (e.g., chain of custody), data interpretation and report generation. Other topics include the historical development of DNA typing methods, alternative procedures employed in laboratories, and the ongoing development of new DNA typing methods. Legal issues associated with quality control, frequency or probability estimates, and admissibility will also be presented.
- BIOL 495 Special Problems in Biology** 1 to 4 hours  
Prerequisites: Sixteen (16) hours of biology and consent of instructor and Department Chairman.  
The preparation of a paper based on library, laboratory, and/or field research of a problem selected after consultation with the biology faculty. Limited to students planning to pursue graduate studies in biology. Only four (4) hours may count toward the biology major.
- BIOL 497 Special Topics in Biology** 1 to 3 hours

- BIOL 499 Biology Internship** 1 to 6 hours  
Prerequisites: 3.00 GPA and Junior or Senior Standing and 21 hours completed in Biology (including 16 hours upper level Biology) and a declared major in the Biology and Chemistry department; not more than one CSER behind.  
A directed practical work experience under the supervision of the Biology Faculty Intern Advisor, in the student’s area of career interest. Applications are processed through the Biology Department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship. This course is pass/fail.

### BUSINESS MANAGEMENT INFORMATION SYSTEMS

(Formerly CMIS & ISYS)

- BMIS 200/ Enterprise Business** 3 hours  
**BUSI 200 Applications Communications**  
Prerequisite: MATH 110  
This course examines the design, selection, implementation and management of enterprise Business solutions. The focus is on identifying critical business processes and envisioning how technology can be developed to provide solutions which generate competitive advantage. Students learn how applying frameworks and strategies around the Business Process and Organization Strategy provide a competitive advantage. Topics include MIS and IT fundamentals, Information Systems Management and Using Enterprise Business Applications for competitive advantage. The course also includes a component for Technical Writing for Information Systems. (Formerly ISYS and CMIS 110)
- BMIS 208 Application Programming** 3 hours  
Prerequisite: BMIS 200 or CSCI 110 (can be taken concurrently)  
Development of computer and programming skills, problem solving methods, and selected applications. This course provides a broad-based introduction to programming in Visual Basic. Students will learn how to build a program from the design phase all the way through to delivery. (Formerly CMIS 211)
- BMIS 209 C# Programming** 3 hours  
Prerequisite: BMIS 208 or CSCI 111 or MATH 110 or higher; minimum grade of “C”  
Development of computer and programming skills using the C# language. Students will learn how to use C# to develop stand-alone applications in an IDE. Advanced concepts, such as database connectivity and web applications will also be examined. (Formerly ISYS 211)
- BMIS 212 Object-Oriented Programming** 3 hours  
Prerequisites: BMIS 208 or CSCI 111 or MATH 110 or higher; minimum grade of “C”  
A study of the general-purpose, secure, object-oriented, portable programs. This course prepares students to program stand-alone applications. It will cover features such as programming concepts, data types, operators, flow control statements, objects, classes, methods, arrays, and strings. The concept of object-oriented programming is emphasized. (Formerly ISYS and CMIS 212)
- BMIS 299 Internship** 0 hours  
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
Application procedures processed through the Career Center. Must apply semester prior to internship. (Formerly ISYS 299)
- BMIS 310/ Web Architecture and Development** 3 hours  
**CSCI 310**  
Prerequisite: BMIS 208 or BMIS 212 or CSCI 112; minimum grade of “C”  
Provides students with thorough knowledge of the foundations of web architecture, current technologies utilized in the development of a web site, and criteria for assessing the usability of web sites. (Formerly ISYS and CMIS 310)

**BMIS 312** *Advanced Object-Oriented Programming* 3 hours

Prerequisites: BMIS 212; minimum grade of “C”

In-depth study of the advanced features of Java, with an emphasis on the “why” as well as the “how to” of programming in the Java language. This course also prepares students for the Sun Certified Java Programmer exam. (Formerly ISYS and CMIS 312)

**BMIS 320** *IS Hardware and Software* 3 hours

Prerequisite: BMIS 200 or CSCI 110 (can be taken concurrently)

Emphasis is placed on the role of the computer in information processing, including the design of computer hardware and operating systems, application programming, data storage, network and client/server concepts, and systems development life cycle. (Formerly ISYS and CMIS 320)

**BMIS 325** *Database Management Systems* 3 hours

Prerequisite: BMIS 208 or BMIS 212 (with a minimum grade of “C”); MATH 201 or BUSI 230

The study of relational database architecture, design, access, administration and implementation in the context of various organizational environments. The course includes issues of data normalization, standard queries, and the use of popular relational and object technologies for building business-oriented applications. Assigned projects will provide hands-on experience with industry leading SQL and RDBMS tools and ER CASE tools currently popular in business and government settings. (Formerly ISYS 325 and CMIS 450)

**BMIS 326** *Introduction to Oracle* 3 hours

Prerequisite: BMIS 325; minimum grade of “C”

This course introduces the fundamentals of database design using an Oracle platform. Database administration will be introduced as well as the basic concepts of data manipulation in an Oracle environment.

**BMIS 327** *Advanced Oracle* 3 hours

Prerequisite: BMIS 326; minimum grade of “C”

This course introduces the advanced topics of database administration in Oracle. Multi-dimensional databases for Business Intelligence applications will be examined as well.

**BMIS 330** *Business Data Communication Systems* 3 hours

Business Data Communications. The study of the movement of information (data) one device to another by means of electrical, optical, radio or satellite transmission systems. This course will introduce the architecture, concepts, terminology, design, and management issues related to the modern environment of networking and data communications. Various types of networks and communication systems, protocols, regulatory issues and policies will be explored. (Formerly ISYS and CMIS 330)

**BMIS 331** *Networks* 3 hours

Prerequisite: BMIS 200 and 330; minimum grade of “C”

Building on the foundational knowledge of the 330 course, this is a study in corporate data networking. This course primarily focuses on switched networks (wired and wireless) with hands on work on setting up and operating a switched network. Routed networks fundamentals and concepts will be introduced to prepare students for careers in networks operations and the follow-on advanced networks class.

**BMIS 335** *Network Security* 3 hours

Prerequisite: BMIS 330; minimum grade of “C”

A study of the control of unwanted intrusions into, use of, or damage to a business’ computer network. This course will cover elements that prevent unwanted activities in an efficient and cost effective manner. This study will start with a focus on the business challenges and threats network professionals face in their day-to-day operations. It explores the nature and intent of hackers and defines preventative measures such as Intrusion Detection Systems, firewalls, and virtual private networks.

**BMIS 340/** *Studies in Information Security* 3 hours

**CSCI 340/**

**BUSI 417**

This course introduces the basic issues and principles of information system security such as security policies, their mechanisms of implementation, means attackers use to circumvent these protections, and defenses against these attackers. (Formerly ISYS 340)

**BMIS 341/** *Information Security Planning* 3 hours

**CSCI 351**

Prerequisite: BMIS 340 or CSCI 340

A comprehensive, end-to-end view of information security policies and frameworks from the raw organizational mechanics of building to the psychology of implementation. It presents an effective balance between technical knowledge and soft skills, and introduces many different concepts of information security in clear simple terms such as governance, regulator mandates, business drivers, legal considerations, and much more. With step-by-step examples and real-world exercises, this course is a must-have resource for students, security officers, auditors, and risk leaders looking to fully understand the process of implementing successful sets of security policies and frameworks.

**BMIS 342** *Cyber Security* 3 hours

Prerequisite: BMIS 341; minimum grade of “C”

A comprehensive overview of the essential concepts students must know as they pursue careers in information systems security. Topics include a discussion of the new risks, threats, and vulnerabilities associated with the transformation to a digital world, including a look at how business, government, and individuals operate today. Additionally, information is included from the Official (ISC) 2 SSCP Certified Body of Knowledge and presents a high-level overview of each of the seven domains within the System Security Certified Practitioner certification.

**BMIS 351** *System Analysis and Design* 3 hours

Prerequisite: BMIS 325; minimum grade of “C” and senior status

This practical course in information systems development will cover the concepts, skills, methodologies (RAD as well as SDLC), and tools essential for systems analysts to successfully develop information systems. The course will also introduce the student to the Oracle Designer CASE tools, which will be used to assist in the documentation of the analysis and design phases. The course will include a significant amount of team-based activities, therefore issues associated with team interactions and processes will be discussed. (Formerly ISYS and CMIS 351)

**BMIS 375/** *Introduction to Human-Computer* 3 hours

**CSCI 375** *Interaction*

Prerequisite: BMIS 208 or BMIS 212 or BMIS 312 or CSCI 215

Study and application of the design and evaluation of effective user interactive computer software, including user-centered design principles, guidelines and evaluation for designing a software product. Research-based project required.

**BMIS 405/** *Business and Economic Forecasting* 3 hours

**BUSI 405**

Prerequisites: MATH 201 or BUSI 230; ECON 214

Factors producing and study of cyclic movements, analysis of their causes and methods of forecasting as well as study of seasonal, erratic and other movements. (Replaces ISYS 220)

**BMIS 410** *Web Enterprise Technologies* 3 hours

Prerequisites: BMIS 310; BMIS 325 or CSCI 325; minimum grade of “C”

Provides students with thorough knowledge of current technologies and best practices for developing database driven dynamic websites including database and client side programming. (Formerly ISYS 410)

**BMIS 430** *Advanced Networking and Communication Systems* 3 hours

Prerequisite: BMIS 330 or CSCI 355; minimum grade of “C”

This course focuses on routed data networks and the implementation of previously learned business data communications and switched networks concepts, principles and strategies to build a complete data communications network. This course is an in-depth study of technologies and equipment in modern communication networks. The TCP/IP stack and Cisco (or comparable) networking equipment are used to explore methodologies for designing, configuring, and maintaining communication networks. (Formerly ISYS and CMIS 430)

**BMIS 440** *Digital Forensics* 3 hours

Prerequisite: BMIS 342; minimum grade of “C”

Students are introduced to the concept of computer crimes and the need for forensics specialists (people who know how to find and follow the evidence). System Forensics, Investigation, and Response begins by examining the fundamentals of system forensics, the role of computer forensics specialists, computer forensic evidence, and application of forensic analysis skills. It also gives an overview of computer crimes, forensic methods, and laboratories. It then addresses the tools, techniques, and methods used to perform computer forensics and investigation. Finally, it explores emerging technologies as well as future directions of this interesting and cutting-edge field.

**BMIS 460** *IS Project Management* 3 hours

Prerequisites: BMIS 351 and ECON 214 with a minimum grade of “C”

Capstone course for MIS majors. Develops skills in managing the project development cycle in an organization. Topics include systems engineering, cost analysis, risk management, and managing the socio-technological elements of a project. (Formerly ISYS and CMIS 460)

**BMIS 470** *Executive Perspectives on E-Commerce Technology* 3 hours

Prerequisites: BMIS 310, 351; minimum grade of “C”

The course synthesizes material presented in previous courses highlighting the challenge of communication electronic commerce technology issues to non-technically oriented executives. Specific topics will include: models of web business strategy; and non-business web applications in government and education. (Formerly ISYS 470)

**BMIS 495** *Directed Research* 3 hours

Prerequisites: Senior status and permission of Department Chair

Individual study of advanced topics in management information systems. Includes periodic meetings with instructor. (Formerly ISYS 495)

**BMIS 497** *Special Topics in Information Systems* 3 hours

Prerequisite: Permission of instructor

Selected topics in various areas of management information systems. May be repeated for credit when the topic varies. (Formerly ISYS 497)

**BMIS 499** *Internship* 1-6 hours

Prerequisites: Junior or Senior status, required GPA and or permission of Faculty Intern Advisor

Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship. (Formerly ISYS 499)

**BUSINESS**

**BUSI 101** *Introduction to Business* 3 hours

The student will study all of the major aspects of operating a modern business. Emphasis is given to business practice for both small business and large corporate enterprises.

**BUSI 200/ BMIS 200** *Enterprise Business Applications and Communications* 3 hours

Prerequisite: MATH 110

This course examines the design, selection, implementation and management of enterprise Business solutions. The focus is on identifying critical business processes and envisioning how technology can be developed to provide solutions which generate competitive advantage. Students learn how applying frameworks and strategies around the Business Process and Organization Strategy provide a competitive advantage. Topics include MIS and IT fundamentals, Information Systems Management and Using Enterprise Business Applications for competitive advantage. The course also includes a component for Technical Writing for Information Systems. (Formerly ISYS and CMIS 110)

**BUSI 201** *Intermediate Business Computer Applications* 3 hours

Prerequisite: INFT 110 or equivalent

This laboratory experience offers the student a hands-on introduction to an electronic spreadsheet, a database program, and a presentation program. Upon this foundation, intermediate database and intermediate and advanced spreadsheet skills are taught. Throughout the course, there is an emphasis on the integration of the applications as they are applied to personal and organizational tasks. This course provides the IT foundations that are applicable for all curriculums. (Formerly ISYS/CMIS 201)

**BUSI 223** *Personal Finance* 3 hours

Budgets, borrowing funds, stock ownership, savings, real estate as investments, and related tax matters are among the topics covered.

**BUSI 230/ MATH 201** *Introduction to Probability and Statistics* 3 hours

Prerequisite: MATH 110, minimum grade of “C”

Introduction to descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, chi-square tests, regression analysis, and correlation with applications in business and science.

**BUSI 297** *Seminar* 1 to 3 hours

Elective course covering various basic areas common to most businesses and organizations. May be repeated when topics differ. Open to all students; pass/fail graded.

**BUSI 299** *Internship* 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Directed applicable work experience under supervision of the Director of Business Internships and a business manager/professional in the student’s area of interest. Application processed through the Career Center. Must apply semester prior to internship.

**BUSI 301** *Business Law* 3 hours

Prerequisite: Sophomore status

Designed to increase the understanding of the American legal system and those legal principles which apply to the business environment. Business organizations, torts, contracts, employment relationships and issues, intellectual property, and international law are among the topics discussed.

**BUSI 303** *International Business* 3 hours

An introduction to the field of international business. Topics to be covered include: country differences in political economy and culture; cross-border trade and investment; the global monetary system; global strategy; global market; and product development; global operations management; and global human resources management

**BUSI 310** *Principles of Management* 3 hours

Management requires a balance between social (people) and technical (quantitative) perspectives, as well as between efficiency and effectiveness. This course emphasizes the application of these

perspectives in each of the planning, organizing, leading and controlling functions.

**BUSI 313 *Foundations of Project Management*** 3 hours

This course introduces the student to the field of modern project management and the fundamental processes of initiating, planning, executing, monitoring, controlling and closing projects. Students will learn the inputs and outputs and the tools and techniques of: defining the project, estimating project times and costs, developing project plans, managing risk, scheduling resources and their costs, reducing project duration, progress and performance measurement and evaluation and project closure. (Formerly BUSI 413)

**BUSI 320 *Corporate Finance*** 3 hours

Prerequisites: ACCT 212; Junior status

A study of the financial forms of business organization, with special attention to the corporation and its advantages and disadvantages; capital stocks and bonds; budgeting; dividend policy; failure and reorganization; financial accounting; and cash flows.

**BUSI 321 *Money and the Financial System*** 3 hours

Prerequisite: ECON 214

This course covers the structure and operation of the U.S. and international financial systems, functions of the Federal Reserve, monetary theory, and the impact of monetary policy on financial markets and the economy.

**BUSI 322 *Managerial Accounting*** 3 hours

Prerequisite: ACCT 212

Emphasis is upon utilization of cost data in planning and controlling activities. Internal and external data are woven into the planning models. Specific areas are: process job order, standing, functional relationships, and budgeting. Emphasis is placed upon the present value model for capital budgeting and decision making.

**BUSI 330 *Principles of Marketing*** 3 hours

Prerequisite: Sophomore status

The study of the system of activities that constitute marketing with emphasis on the principles, policies and strategies utilized to identify and satisfy the needs and wants of consumers. The universal application of marketing in all forms of organizations is stressed.

**BUSI 331 *Marketing Research*** 3 hours

Prerequisites: BUSI 330 and MATH 201 or BUSI 230

Theory and practice of marketing research will be covered with emphasis on development and evaluation of research projects.

**BUSI 340 *Organizational Behavior*** 3 hours

This introductory course in organizational behavior integrates the management and behavioral principles, techniques, and concepts associated with the productivity of organizational resources. It focuses on human behavior in organizations and is primarily concerned with improving organizational efficiency and effectiveness through increased understanding of the behavior of people at work.

**BUSI 342 *Human Resources Management*** 3 hours

Introduces the student to the human resources/personnel functions. Topics covered include: recruitment, assessment, compensation, motivation, appraisal, development, legal environment, labor relations, employee relations, etc. Emphasis on how managers can deal with and utilize the human resources function.

**BUSI 343 *Employee and Labor Relations*** 3 hours

Prerequisite: BUSI 342

A comprehensive study of collective bargaining; the negotiation process and the scope of labor contracts to include the day-to-day administration of contracts; the major substantive issues in bargaining to include their implication for public policy; and the problem of dealing with labor conflict.

**BUSI 352 *Financial and Retirement Planning*** 3 hours

This course is designed to provide an overview of the financial planning process with specific emphasis on retirement planning. Topics discussed will include: client/planner interactions; time value of money applications; personal financial statements development and assessment; cash flow and debt management; asset acquisition; education planning; planning elements of risk management; investment planning; and retirement planning; special needs planning review; integrating planning recommendations; financial planning ethics review; overview of practice management concepts.

**BUSI 354 *Estate Planning*** 3 hours

Estate Planning focuses on the efficient conservation and transfer of wealth, consistent with the goals of a financial planner's clients. It is a study of the legal, tax, financial and non-financial aspects of this process, covering topics such as: trusts, wills, probate, advanced directives, charitable giving, wealth transfers, and related taxes.

**BUSI 360 *Contemporary Issues in International Business*** 3 hours

Prerequisites: BUSI 303

An analysis of current global developments and rapid change in areas that have the potential for an impact on the international business environment. Attention is given to the use of techniques for identifying and researching significant issues, extrapolating probable outcomes, and developing strategic responses. Corporate and entrepreneurial perspectives are considered.

**BUSI 365 *Global Industries and Operations*** 3 hours

Prerequisites: BUSI 303

An introduction to the organizational and operational dynamics of the various global industries and their rapidly growing importance to the world's national economics and governments. Various aspects of the industries will be explored.

**BUSI 390 *Business Common Professional Components*** 3 hours

This course is designed to meet the common professional component for the Accreditation Council of Business Schools and Programs (ACBSP). Students in business-related programs need to attain general business competencies such that they may be better suited to understand the business environment. This course allows students to attain the minimal competencies required by ACBSP, such that their degrees are accredited as business-related programs.

**BUSI 400 *Strategic Planning/ Business Policy*** 3 hours

Prerequisites: Senior status (at least 90 credits) and completion of all 300-level Business courses

This capstone course for all business majors seeks to integrate the concepts, techniques, and knowledge of all areas of business administration. Its focus is strategic management which is studied in theory and then rigorously applied. This course is designed for final semester seniors.

**BUSI 405 *Business and Economic Forecasting*** 3 hours

Prerequisites: MATH 201 or BUSI 230

This course covers methods of collecting data, discovering data patterns, and selecting appropriate forecasting techniques. Time series and regression forecasting techniques are introduced.

**BUSI 409 *Non-Profit Management*** 3 hours

Management principles and techniques for the administration of a non-profit organization, including churches, charities, hospitals, and government organizations.

**BUSI 410 *Managerial Economics*** 3 hours

(Offered on demand only)

Prerequisites: MATH 201 or BUSI 230; ECON 214

Use of economic theory and decision-making techniques in business management. Economic forecasting, profit management,

capital budgeting, cost and demand analysis and pricing theory are covered.

**BUSI 411 Operations Management** 3 hours

Prerequisites: BUSI 201, 310, and MATH 201 or BUSI 230

A study of the challenges and opportunities facing managers of the operational functions of business, the value added areas where resources are transformed into goods and services. The wide ranging implications and applications of the concept of employee/team driven, customer-centered continuous improvement will be examined, as well as Total Quality Management principles. The study of operations management will involve some complexity as various quantitative management tools are examined and applied.

**BUSI 412 Moral Business Leadership: Origins and Outcomes** 3 hours

Prerequisite: BUSI 310 or consent of the instructor

An examination of the general field of administration with emphasis given to the synthesis of management, business, and ethical/moral practices throughout history. This broad-ranging course reviews the historical development of administrative theory and how contemporaneous thinking on moral practice, especially Christianity, has shaped economic life in the past and how it can continue to do so in our emerging global society.

**BUSI 414 Project Management I** 3 hours

Prerequisite: BUSI 313

This course provides focused instruction in the first five (of nine) project management competencies as delineated in the Project Management Institute's Body of Knowledge (PMBOK): Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, and Project Quality Management. Students will apply processes to ensure project coordination, plan development processes, project plan execution processes and integrated change control processes.

**BUSI 415 Project Management II** 3 hours

Prerequisite: BUSI 313

This course provides focused instruction in the final four (of nine) project management competencies as delineated in the Project Management Institute's Body of Knowledge (PMBOK): Project Human Resource Management, Project Communications Management, Project Risk Management, and Project Procurement Management. The course will provide students with processes to review organizational and human resource structures to develop and manage project teams; identify, analyze, plan for and respond to project risk; identify and acquire goods and services to implement and complete project plans; and, identify stakeholders, plan communications, and distribute information.

**BUSI 416 Leading Global Projects** 3 hours

Prerequisite: BUSI 313

This course provides instruction in global project management with emphasis on the integration of the interconnected themes of strategic project management, cross-cultural effectiveness, and project leadership.

**BUSI 417/ Studies in Information Security** 3 hours

**BMIS 340/**

**CSCI 340**

This course introduces the basic issues and principles of information system security such as security policies, their mechanisms of implementation, means attackers use to circumvent these protections, and defenses against these attackers.

**BUSI 420 Investments** 3 hours

Prerequisites: BUSI 320

A survey of corporate securities, financial securities, security markets, investment and portfolio analysis and administration. Investment companies, commodity markets and the stock exchange are also examined.

**BUSI 421 Insurance Planning/Risk Management /Employee Benefits** 3 hours

This course will enable the student to design an employee benefit plan that encompasses the client's stated goals and objectives while keeping the plan in compliance with federal regulations.

**BUSI 422 Real Estate** 3 hours

Prerequisites: BUSI 301 and 320, or consent of instructor

An overview of real estate brokerage, property rights, transfer mechanisms and documents, property evaluation, finance, investments, and property management.

**BUSI 430 Promotion Strategy** 3 hours

Prerequisite: BUSI 331

This course is open to students who desire to understand the function of Promotion within a company's Integrated Marketing Communications (IMC) plan. Emphasis is on planning, creating, and evaluating advertising, sales promotion, and publicity strategies to communicate most effectively across the optimum blend of media channels.

**BUSI 431 Sales Management and Professional Selling** 3 hours

Prerequisites: BUSI 331

This course presents each component of the sales cycle in a business-to-business selling environment. Students will master models for initiating sales contacts; identifying and defining prospect's needs; and presenting and gaining commitment for a proposed solution.

**BUSI 433 Marketing Management** 3 hours

Prerequisites: BUSI 331 and senior status

Advanced study of the role and responsibilities of marketing executives. Emphasis will include: analysis of marketing opportunities and problems; planning of objectives and strategies; development of organizational structure, policies, implementation, and control; and evaluation of marketing programs.

**BUSI 435 Small Business Entrepreneurship** 3 hours

Prerequisites: Junior/Senior Status

A practical study in the dynamics of establishing, funding, and managing a small new enterprise, or acquiring an existing business using case studies, practical exercises, and class instruction.

**BUSI 436 Marketing in a Virtual World** 3 hours

Prerequisite: BUSI 330

Students explore the principles required to successfully practice marketing in the virtual world of social media and electronic commerce between and among businesses and consumers.

**BUSI 437 Global Marketing** 3 hours

Prerequisite: BUSI 330

This course focuses on the basic theories, concepts, and practices of Marketing in a practical and unique way. This course will delve into: 1) The Culture Environment of Global Markets; 2) Assessing Global Opportunities; 3) Developing Global Marketing Strategies; and 4) Implementing Global Market Strategies.

**BUSI 438 Marketing Brand Management** 3 hours

Prerequisites: BUSI 331

The study of concepts and techniques of improving long-term profitability for businesses through effective brand strategies. The students will discover how to create, measure, and sustain brand equity in order to expand business opportunities.

**BUSI 440 Compensation Management** 3 hours

Prerequisite: BUSI 342

This course develops the philosophy and fundamental guiding principles for wages and salaries in business institutions. This comprehensive study of compensation management also includes job analysis, administrative job evaluation, basis compensation plans, executive compensation and administrative controls.

**BUSI 441 *Organizational Behavior II*** 3 hours

Prerequisite: BUSI 340

This course focuses on the study of national, business, and personal productivity from a socio-technical perspective.

**BUSI 443 *Workforce Planning and Employment*** 3 hours

Prerequisite: BUSI 342

This course will focus on recruitment, assessment, selection, placement and appraisal issues and methods necessary to align the organizational workforce with the strategic goals of the organization. The laws and guidelines related to the DOL, INS, EEOC, and other legal enforcement agencies as related to the staffing process will be reviewed.

**BUSI 444 *Human Resource Development*** 3 hours

Prerequisite: BUSI 342

This course focuses on the design, implementation, and management of employee orientation, career development, and training programs. Human resource development issues examined include strategic training, needs assessment, theories, program design, evaluation, and training methods as well as career management.

**BUSI 445 *Human Resource Development Practicum*** 3 hours

This course will provide an in-depth review of the six primary areas in the body of knowledge of the human resource management field: compensation management, strategic human resource management, employee and labor relations, workforce planning and employment, training and development, and risk management.

**BUSI 460 *Advanced Financial Management*** 3 hours

(Offered spring semester)

Prerequisites: Senior status and BUSI 320, 322, and 420. Instructor's permission required.

Advanced financial management course for those concentrating in the field of finance. The coursework will provide the student a framework for analyzing the financial structure of various organizations, identifying problem or opportunity areas, investigating alternative solutions to such problems or opportunities, and recommending carefully reasoned solutions.

**BUSI 464 *International Market Integration and Trade Agreements*** 3 hours

Prerequisite: BUSI 303

This course examines market and economic integration among countries, including the European Union, the North American Free Trade Agreement, Asia-Pacific Economic Cooperation, Association of Southeast Asian Nations and others. Major emerging market economies will also be surveyed, along with the challenges and opportunities these present to the international business firm.

**BUSI 465 *Export Management Strategy*** 3 hours

Prerequisite: BUSI 303

An overview of international trade theories, policies, instruments and documents that affect the success of U.S. exports. Students are introduced to various resources, private organizations, and government agencies designed to facilitate American export businesses. The tools and methods for establishing a small export business model are examined.

**BUSI 472 *Organizational Ethics*** 3 hours

An analysis of the foundation of ethical behavior in business, including an introduction to social graces and the importance of professional image. Emphasis is placed on a comparison between Judeo-Christian and secular ethical paradigms.

**BUSI 489 *Capstone in Financial Planning*** 3 hours

Prerequisites: BUSI 352, 354, 420, 421, and ACCT 401

This course will allow the student to create a written financial plan using the knowledge acquired from previous course work in the financial planning classes. The student will use a software package to incorporate all the elements of a successful financial plan for a case study client.

**BUSI 490 *Capstone: Human Resource and Marketing*** 3 hours

Prerequisite: Senior status; should be taken in the last semester of coursework

This course serves as the capstone for all business administration majors. Students integrate the concepts, techniques, and knowledge of the common professional components (CPC) of business administration with the more advanced Human Resource Management and Marketing concentrations area of study. Course topics include a review of the CPC, strategic management theory/practices, and business analysis tools.

**BUSI 491 *Capstone: Accounting, Economics and Finance*** 3 hours

Prerequisite: Senior status; should be taken in the last semester of coursework

This course serves as the capstone for all business administration majors. Students integrate the concepts, techniques, and knowledge of the common professional components (CPC) of business administration with the more advanced Economics and Finance concentrations area of study. Course topics include a review of the CPC, strategic management theory/practices, and business analysis tools.

**BUSI 492 *Capstone: International Business and Project Management*** 3 hours

Prerequisite: Senior status; should be taken in the last semester of coursework

This course serves as the capstone for all business administration majors. Students integrate the concepts, techniques, and knowledge of the common professional components (CPC) of business administration with the more advanced International Business and Project Management concentrations area of study. Course topics include a review of the CPC, strategic management theory/practices, and business analysis tools.

**BUSI 495 *Directed Research*** 1 to 3 hours

Prerequisites: Written permission of the chairman of the department in area of concentration and consent of instructor

Designed to encourage students to broaden their understanding of contemporary business and to give them an opportunity to propose, conduct and report a major piece of individual research in his area of specialization.

**BUSI 497 *Special Topics in Business*** 1 to 3 hours

Topics will vary and are offered on demand. Course may be repeated for credit when topics differ.

**BUSI 499 *Business Internship*** 1 to 6 hours

Prerequisites: Junior or Senior status and required GPA

A selected directed practical work experience under the supervision of the Director of the Business Internship program and a business manager/professional in the student's area of career interest. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**BIBLICAL WORLDVIEW**

**BWVW 101 *Biblical Worldview I*** 1 hour

This course is designed to aid the student in the development of a biblical worldview. This will involve an introduction to critical thinking and other core competencies, an evaluation of contemporary moral philosophies, and an affirmation of absolute truth. Students will be challenged to integrate a biblical worldview into their major/program Christian/Community Service. (Formerly GNED 101)



**BWVW 102 *Biblical Worldview II*** 1 hour

Prerequisite: BWVW 101

This course is a study of contemporary moral issues encountered by students in their majors/programs and Christian/Community Service. Students will be challenged to evaluate these issues and understand their responsibilities to them in light of a biblical worldview. This class also offers students practice in all of Liberty's general education competencies. (Formerly GNED 102)

**BWVW 301 *Biblical Worldview Seminar*** 3 hours

Prerequisites: BWVW 101, 102

This course is an in-depth analysis of some of the predominant contemporary issues facing culture and the church. This course will focus upon the application of the biblical worldview to these select issues. Students will consider and discuss potential culturally-engaging solutions to solve various social problems arising from these issues. This focus will also be carried out in a required experiential "service learning" community project. (Formerly GNED 301)

**CARPENTRY**

**CARP 101 *Foundations in Carpentry*** 4 hours

Co/Prerequisite: CRFT 101

Foundations in Carpentry is a practical course combining lecture and hands-on instruction. Topics addressed include: Orientation to the Trade; Building Materials, Fasteners, and Adhesives; Hand and Power Tools; Reading Plans and Elevations; Floor Systems; Wall and Ceiling Framing; Roof Framing; Introduction to Concrete, Reinforcing Materials and Forms; Windows and Exterior Doors; Basic Stair Layout.

**CARP 201 *Intermediate Carpentry*** 4 hours

Prerequisite: CARP 101

Intermediate Carpentry is a practical course combining lecture and hands-on instruction. Topics include: Commercial Drawings; Roofing Applications; Thermal and Moisture Protection; Exterior Finishing; Cold-Formed Steel Framing; Drywall Installation; Drywall Finishing; Doors and Door Hardware; Suspended Ceilings; Window, Door, Floor and Ceiling Trim; Cabinet Installation; Cabinet Fabrication.

**CARP 301 *Advanced Carpentry*** 4 hours

Prerequisite: CARP 201

Advanced Carpentry is a practical course combining lecture and hands-on instruction. Topics include: Rigging Equipment; Rigging Practices; Properties of Concrete; Reinforcing Concrete; Handling and Placing Concrete; Trenching and Excavating; Foundations and Slab-on-Grade; Vertical Framework; Horizontal Framework; Tilt-Up Wall Panels.

**CARP 401 *Special Topics in Carpentry*** 4 hours

Prerequisite: CARP 301

Special Topics in Carpentry is a practical course combining lecture and hands-on instruction. Topics include: Site Layout One-Distance Measurement and Leveling; Site Layout Two-Angular Measurement; Advanced Roof Systems; Advanced Wall Systems; Advanced Stair Systems; Introduction to Light Equipment; Welding; Commercial Finish Work; Site Preparation; Introductory Skills for the Crew Leader.

**CONVERSATIONAL ENGLISH**

**CESL 101 *Conversational English I*** 3 hours

An introductory course designed to develop practical conversational English skills. Intended for students with previous basic English training and/or experience, at least in reading and writing.

**CESL 102 *Conversational English II*** 3 hours

Prerequisite: CESL 101

An intermediate course to further the objectives of CESL 101 by expanding students' practical conversational skills.

**CESL 103 *Conversational English III*** 3 hours

Prerequisite: CESL 102

An advanced course and a continuation of Conversational English 101 and 102, with an increased focus on grammar and vocabulary supporting practical and advanced conversational skills.

**CONVERSATIONAL GERMAN**

**CGRM 101 *Conversational German I*** 3 hours

This is an introductory course designed to develop practical conversational German skills. Intended for students with no previous German training and/or experience.

**CGRM 102 *Conversational German II*** 3 hours

Prerequisite: CGRM 101

This course will further the objectives of CGRM 101 by expanding students' practical conversational skills.

**CGRM 103 *Conversational German III*** 3 hours

Prerequisite: CGRM 102

This course will further the objectives of Conversational German 101 and 102, with an increased focus on grammar and vocabulary supporting practical conversational skills.

**CHEMISTRY**

**CHEM 105 *Elements of General Chemistry*** 4 hours

(3 hours lecture; 2 hours lab)

Prerequisite: An intermediate level algebra course

A study of the basic areas of general chemistry at an introductory level for the non-science major, including atomic and molecular structure; bonding, stoichiometry; and acids, bases and salts.

**CHEM 107 *Essentials of General and Organic Chemistry*** 4 hours

(3 hours lecture; 2 hours lab)

Prerequisite or Co-requisite: MATH 110 or MATH 201 with a minimum grade of "C"; or MATH SAT Score of 550, MATH ACT Score of 20

A study of the basics of general and organic chemistry at an introductory level, including atomic structure, bonding, acids and bases, organic functional groups and selected organic reactions.

**CHEM 121 *General Chemistry I*** 4 hours

(3 hours lecture, 2 hours lab)

Prerequisites or Co-requisite: MATH 121 or 126, or 131, or 132

A study of the foundations of chemistry including: stoichiometry; atomic structure; chemical periodicity; covalent and ionic bonding; inorganic nomenclature; chemical reactions including aqueous precipitation, acid-base, and redox; basic thermodynamics in physical and chemical matter changes; electronic structure; molecular structure and polarity; gas laws.

**CHEM 122 *General Chemistry II*** 4 hours

(3 hours lecture; 2 hours lab)

Prerequisite: CHEM 121

A study of chemical topics including: behavior and properties of liquids, colligative properties of solutions; and properties of solids; kinetics; equilibrium; acids, bases, and other aqueous equilibria; entropy and free energy in chemical reactions; electrochemistry; nuclear chemistry; introductory organic and biochemistry.

- CHEM 301 Organic Chemistry I** 4 hours  
(3 hours lecture; 3 hours lab)  
Prerequisites: CHEM 121 and 122  
A study of alkanes, alkenes, and alkynes, including nomenclature; optical activity; stereochemistry; substitution and elimination reactions; and ring systems.
- CHEM 302 Organic Chemistry II** 4 hours  
(3 hours lecture; 3 hours lab)  
Prerequisite: CHEM 301  
A study of the nomenclature and reactions of alcohols, ethers, epoxides, ketones, aldehydes, esters and acids, aromatic systems; and numerous name reactions in synthesis.
- CHEM 321 Analytical Chemistry** 4 hours  
(Offered spring semester)  
Prerequisite: CHEM 122  
An introduction to analytical chemistry. Evaluation of data, gravimetric and titrimetric analysis, and an introduction to instrumental methods. These include spectrophotometry, chromatography, and potentiometric methods. (Formerly CHEM 221)
- CHEM 322 Instrumental Analysis** 4 hours  
(3 hours lecture, 3 hours lab)  
Prerequisite: CHEM 321  
Theory and practice of instrument-based chemical analyses. The course emphasizes the principles of analytical instruments and their applications in chemical sciences. (Available Fall 2015)
- CHEM 400 Chemistry Seminar** 1 hour  
Prerequisites: CHEM 302, COMS 101  
The preparation and presentation of a paper, discussion of presentations and/or the discussion of articles in the scientific literature. This course can be repeated, and up to four hours can be applied toward the major. Restricted to Chemistry majors and minors. (Available Fall 2015)
- CHEM 461 Physical Chemistry I** 3 hours  
Prerequisites: CHEM 122, MATH 126 or 131  
This course is an in-depth study of the properties of real and ideal gases, thermodynamics, kinetics, changes of state, solutions, phase equilibria, chemical equilibria, and electrochemistry.
- CHEM 462 Physical Chemistry II** 3 hours  
Prerequisite: CHEM 461  
This course is a study of the foundational principles of quantum mechanics in atoms and molecules, molecular structure, spectroscopy, and statistical mechanics.
- CHEM 465 Physical Chemistry I Lab** 1 hour  
(3 hours lab)  
Prerequisite/Co-requisite: CHEM 461  
This course is an in-depth study of laboratory techniques and the written expression in lab reports that follow the style of papers in chemistry periodicals for the properties of real and ideal gases, thermodynamics, kinetics, changes of state, solutions, phase equilibria, chemical equilibria, and electrochemistry.
- CHEM 466 Physical Chemistry II Lab** 1 hour  
(3 hours lab)  
Prerequisite/Co-requisite: CHEM 462  
This course is a study of the lab skills associated with the foundational principles of quantum mechanics in atoms and molecules, molecular structure, spectroscopy, and statistical mechanics.
- CHEM 471 Inorganic Chemistry** 4 hours  
(3 hours lecture; 3 hours lab)  
Prerequisite: Junior standing, 12 hours completed in chemistry, and CHEM 461  
A study of inorganic chemistry, including symmetry, structure, and bonding, as well as a survey of the descriptive chemistry of the elements. (Available Fall 2015)

- CHEM 495 Supervised Research in Chemistry** 1 to 4 hours  
Prerequisite: A minimum of 24 hours of chemistry  
Original research carried out under the direct supervision of faculty.

- CHEM 497 Special Topics in Chemistry** 3-4 hours

### CHURCH HISTORY

- CHHI 301 History of the Christian Church I** 3 hours  
A survey of the first fifteen centuries of the Christian Church including the persecutions, the rise of heresy, the development of Roman Catholicism during the Middle Ages, and the groups which dissented against Roman Catholicism.
- CHHI 302 History of the Christian Church II** 3 hours  
A survey of the Christian Church from the 16th century to the present. Includes the background, development and results of the Reformation, modern missions, the ecumenical movement, American Christianity and Evangelism.
- CHHI 400 Leaders and Issues in the Early Church** 3 hours  
A study of the development of the Church from A.D. 100 to 451. Includes a survey of Apostolic, Greek and early Latin Fathers. Topics include apologetical and polemical writers, Roman persecutions, Christological controversies, early monasticism and the emerging Roman Church. Primary sources in English translation will be used.
- CHHI 403 Reformation** 3 hours  
A survey of the background, development, personalities, issues and results of the Reformation of the Sixteenth Century. The magisterial phase, the Anabaptists and the counterreformation will be dealt with in their interrelations.
- CHHI 404 History of Baptists** 3 hours  
A survey of the Anabaptist background and influences on English Baptists and Baptist progress to the present day. Includes various Baptist groups, large and small, of differing theological persuasions, denominational, and independent.
- CHHI 405 History of Anti-Semitism** 3 hours  
A systematic study of the history of Anti-Semitism from ancient times to the modern period. Consideration will be given to the question of New Testament influence, early church attitudes, the rise of medieval anti-Semitism, the Crusades, Islamic, Reformation and Post-Reformation period, the rise of Nazism, Anti-Zionism and the post-9/11 resurgence.
- CHHI 495 Directed Research** 1 to 3 hours  
The student is given an opportunity to pursue guided research in an area approved by the instructor. The course is structured to acquaint the student with the methodology of historical research and writing.
- CHHI 497 Special Topics in Church History** 1 to 3 hours

### CHINESE

- CHIN 101 Elementary Chinese I** 3 hours  
A beginning course in the Mandarin Chinese language (Putonghua) with primary emphasis on the development of audio-lingual, as well as reading and writing, skills. Intended for students with no previous Chinese training.
- CHIN 102 Elementary Chinese II** 3 hours  
Prerequisite: CHIN 101  
A continuing course in the Mandarin Chinese language (Putonghua), with primary emphasis on the development of audio-lingual, as well as reading and writing skills, with a proficiency objective of the level of intermediate low, and achieving an increasing understanding of Chinese culture.

**CHIN 201 Intermediate Chinese I** 3 hours

Prerequisite: CHIN 102

A continuing course in the Mandarin Chinese language (Putonghua) with primary emphasis on the development of audio-lingual, as well as reading and writing skills, with a proficiency goal of the level of intermediate mid, and achieving an increasing understanding of Chinese culture.

**CHIN 202 Intermediate Chinese II** 3 hours

Prerequisite: CHIN 201

A continuing course in the Mandarin Chinese language (Putonghua) with primary emphasis on the development of audio-lingual, as well as reading and writing skills, with a proficiency goal of the level of intermediate high, and achieving an increasing understanding of Chinese culture.

**CHIN 495 Chinese Independent Research** 3 hours

A research-oriented project or an independently-completed course of study in a specially designed area as approved and supervised by the instructor. May be repeated for up to six credits or as approved by the department chair.

**CHIN 497 Special Topics in Chinese** 3 hours

Prerequisite: CHIN 202

Topics will vary and are offered on demand. Course may be repeated for credit, when topics differ.

**CHURCH MINISTRIES**

**CHMN 201 Introduction to Church Ministries** 3 hours

A practical study of Church Ministry with emphasis given to its biblical foundation, philosophy of ministry, and the various areas of ministry. The ministry is considered as a calling and a career.

**CHMN 205 Church Ministry Practicum I** 1 hour

Prerequisite: CHMN 201 (may be taken in conjunction with)

A faculty supervised practical ministry experience through observation at an approved ministry site. Practicum I is designed to provide the student with exposure to local church ministry. This course is designed to be taken the first semester of a student's sophomore year. (The course consists of forty (40) hours of observation that must be completed during the semester in which the student is registered for the course. Assessment of the student's observation will be required for this class.)

**CHMN 299 Internship** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Supervised field experience for those preparing for church ministry. Application procedures processed through the Career Center. Must apply semester prior to internship.

**CHMN 300 Church Ministry Practicum II** 1 hour

Prerequisites: CHMN 201, 205

A faculty supervised practical ministry experience at an approved ministry site emphasizing leadership skills. This is a continuation of Practicum I at an approved ministry site. Students are placed in a leadership role to learn principles of team ministry and develop skills in preparation, planning, and presentation. This course is designed to be taken the first semester of a student's junior year. (The course consists of forty (40) hours of ministry experience that must be completed during the semester in which the student is registered for the course. Assessment of the student's ministry experience will be required for this class.)

**CHMN 305 Church Ministry Practicum III** 1 hour

Prerequisites: CHMN 201, 205, 300

A faculty supervised practical ministry experience at an approved ministry site emphasizing leadership skills. This is a continuation of Practicum II at an approved ministry site. Students are placed in a leadership role to learn principles of team ministry and develop skills in preparation, planning, and presentation. This course is designed to be taken the first/second semester of a

student's junior year. (The course consists of forty (40) hours of ministry experience that must be completed during the semester in which the student is registered for the course. Assessment of the student's ministry experience will be required for this class.) (Available Spring 2015)

**CHMN 360 Foundations in Ministry Programming** 3 hours

Prerequisites: CHMN 201, 205, 300 (may be taken in conjunction with 300)

A study of the foundational components of church ministries programming which includes: developing a philosophy of ministry, ministry assessment, calendar planning, budgeting, leadership development, and safety issues.

**CHMN 447 Discipleship in Church Ministries** 3 hours

Prerequisites: CHMN 201, 205, 300, 360

This course is an investigation of the factors which influence spiritual development. Attention is given to exploring the biblical and theological foundations for discipleship and making application to the discipleship process.

**CHMN 450 Leadership and Management in Ministry** 3 hours

Prerequisites: CHMN 201, 205, 300, 360, 447

This course is designed to teach the student the basic organization necessary for an effective local church and Christian ministry. Emphasis is placed on the development of biblical management and leadership skills. Attention is given to the student's spiritual life, personal life, and ministry life. Topics addressed include the call to ministry, stages of ministry, finding the right church or ministry, personal piety, and staff relations and development.

**CHMN 489 Church Ministries Capstone** 3 hours

Prerequisites: Senior status; should be taken during the last semester of coursework

A capstone course designed to equip the student in developing a master plan for ministry, and will focus on reviewing the acquired knowledge, value and skills of the church ministry curriculum. This course seeks to integrate the concepts, techniques, and knowledge of all areas of church ministry. This course is designed to be taken the final semester for graduating seniors. Attention is given to the student's spiritual, personal and ministry life.

**CHMN 495 Directed Research** 1 to 3 hours

**CHMN 497 Special Topics in Church Ministry** 1 to 3 hours

**CHMN 499 Internship** 3 to 6 hours

Prerequisites: Junior/Senior status, and approval of Department Chair only.

A supervised field experience designed for students preparing for a position in the field of church ministries, such as ministry director, ministry coordinator in a local church or a director in a parachurch organization. This internship will focus on the organization, teaching, and leadership components of ministry. The site must be approved by the Department of Church Ministries.

**CINEMATIC ARTS**

**CINE 101 Cinematic Arts Appreciation I** 3 hours

The cinematic arts have a colorful history and a body of criticism and theory that has been developed regarding the production and viewing of films. Through the viewing and analysis of selected films the student will be introduced to the major theories and history of the art form.

**CINE 201 Introduction to Screenwriting** 3 hours

This is a methods course intended to provide instruction in the fundamentals of screenwriting. Basic three-act structure, writing techniques, character development, and screenwriting software will be covered. This class may be used as part of the required CORE curriculum needed for students to apply and enter into the residential Center for Cinematic Arts cohort their Junior year.

**CINE 202 Introduction to Motion Picture Directing** 3 hours

This is a methods course intended to provide instruction in the fundamentals of motion picture directing. Analyzing scripts, adjusting actor performance and director responsibility in the workplace will be discussed.

**CINE 203 Introduction to Cinematography** 3 hours

This is a methods course intended to provide instruction in the fundamentals of visual storytelling.

**CINE 204 Guerilla Filmmaking** 3 hours

Students will learn the concepts of producing low-budget professional independent films from license and rights to distribution.

**CINE 271 Introduction to Pro Tools** 3 hours

Prerequisite: (Recommended) Basic understanding of recording techniques, processes, and equipment

This course covers basic Pro Tools principles. It provides everything you need to complete a Pro Tools project – from initial setup to final mix-down. The course focuses on Pro Tools software and covers a multitude of new functions and feature enhancements. Whether your project involves recording live instruments, MIDI sequencing of software synthesizers, or audio editing or region looping, this course will give you the basic skills to succeed.

**CINE 272 Pro Tools Production I** 3 hours

Prerequisite: CINE 201, 202, 203; Program Director waiver, if needed

This course provides a more detailed look at the Pro Tools system above and beyond the knowledge you gained in the Pro Tools 101 course. It covers all the key concepts and skills needed to operate a Pro Tools system at the User level. This course, along with Pro Tools 101, provides the foundation to Pro Tools User Certification and for the later 200-series of courses on Pro Tools music and post production.

**CINE 301 Cinema Legal Environment** 3 hours

Prerequisites: Sophomore standing

The legal environment of filmmaking can often be difficult to navigate. This course aims to present general principles within the cinematic arts legal environment that are fundamental to a career in the filmmaking industry. Students will investigate cases and research topics related to intellectual property, copyrights, product placement, script options, and cinematic arts business ethics.

**CINE 302 Story Analysis** 3 hours

Prerequisites: CINE 201, 202, 203; Program Director waiver, if needed

An intensive study of film theory, focusing both on international cinema and classic Hollywood Films, the course includes analysis and application. Topics covered include story structure, montage, and the development of visual and narrative techniques.

**CINE 303 Producing and Directing** 3 hours

Prerequisites: CINE 201, 202, 203; Program Director waiver, if needed

A practical study of the various theories and methodologies of Cinema direction and producing using application, classroom examination and exercises.

**CINE 304 Production** 3 hours

Prerequisites: CINE 201, 202, 203; Program Director waiver, if needed

A study of the theory and practice in planning, execution of various digital cinema productions with emphasis on skill development and production techniques.

**CINE 305 Editing** 3 hours

Prerequisites: DIGI 323, CINE 202, 203; Program Director waiver, if needed

Study techniques and aesthetics of storytelling through Post-production. These techniques will address both the visual and audio process, as well as the tools that make it possible.

**CINE 306 Acting Fundamentals for Camera** 3 hours

The study of the profession of film acting and the film industry's expectations of the actor and director.

**CINE 350 Thesis-Production** 6 hours

Prerequisites: CINE 201, 202, 203; Program Director waiver, if needed

Study techniques to translate written scripts into visual storytelling by making a short film using High Definition equipment. Storytelling techniques employed will encompass the fundamental technical understanding of working with digital camera, lenses, lighting, sound, hair/make up, wardrobe, and production design.

**CINE 351 Thesis Post-Production** 3 hours

Prerequisites: CINE 201, 202, 203, and the first two semesters of the Cinematic Arts cohort; Program Director waiver, if needed

Retell the story in the post-production process by evaluating the potential of an entertainment property of a film within a market in order to ensure maximum exposure. (Formerly CINE 451)

**CINE 353 Feature Screenwriting** 3 hours

Prerequisites: DIGI 323, 333, CINE 202, 203, 305, 352, THEA 320, CSTU 301

Write character-driven plots, while insuring that what is written translates to the screen as intended. Students will understand the business of writing while learning to write, edit, develop characters, and pitch the resulting screenplay.

**CINE 354 Audio Production** 3 hours

Prerequisites: CINE 201, 202, 203, and the first two semesters of the Cinematic Arts cohort; Program Director waiver, if needed

Audio production for Cinematic Arts is the study of how sound is captured, manipulated and presented in the world of on-screen storytelling. Students will learn and experience proper sound theory and engineering by creating and polishing sound design in a thesis film project.

**CINE 400 Feature Pre-Production** 6 hours

Prerequisites: DIGI 323, 333, CINE 202, 203, 305, 350, 352, 353 THEA 320, SCOM 345, CSTU 301, BUSI 301

Students will produce a long-format movie as a class by first gaining the understanding about how departments interface within their respective duties in order to bring the project to the production phase of moviemaking.

**CINE 401 Branding and Entrepreneurship** 3 hours

Prerequisite: Junior/Senior status

A practical study in the dynamics of establishing, funding, and managing a small new enterprise, or acquiring an existing business using case studies, practical exercises, and class instruction.

**CINE 402 Feature Production** 6 hours

Prerequisites: DIGI 323, 333, SCOM 345, CINE 202, 203, 305, 350, 352, 353 THEA 320, CSTU 301, BUSI 301

Through the production of a long-format film, students, working on a class project will be immersed in the understanding of leading and crewing narratives and documentaries, as these films incorporate increasingly advanced technical demands, and sophisticated production.

**CINE 450 Marketing and Distribution** 3 hours

Prerequisites: CINE 201, 202, 203, and the first three semesters of the Cinematic Arts cohort; Program Director waiver, if needed

A practical study in the dynamics of marketing and distributing of film, using case studies, practical exercises, and class instruction. The class covers strategies and thought processes behind planning release schedules, designing movie posters, setting up co-branded marketing efforts, estimating budgets, maximizing/leveraging publicity from film festivals. In addition, the class will focus on the marketing/distribution of a variety of

films including tent-pole blockbusters, and small independent personal art house films. Distribution modalities for theatrical, direct to DVD, TV, VOD, and SVOD will be explored. Students will implement a grass roots marketing campaign through the various mediums of social media to market their thesis film or feature length screenplay. (Formerly CINE 352)

**CINE 452 *Advanced Post Production*** 3 hours

Prerequisites: CINE 201, 202, 203, and the first three semesters of the Cinematic Arts cohort; Program Director waiver, if needed

Advanced post-production focuses on completing a student's senior thesis project. It involves learning and using finishing tools such as color correction and basis effects. Students go through the final post production process of taking the film from raw footage (4k) to final deliverables.

**CINE 453 *Screenplay Rewrite*** 4 hours

Prerequisites: CINE 201, 202, 203, and the first three semesters of the Cinematic Arts cohort; Program Director waiver, if needed

The screenplay rewrite is the mature subjective examination of one's work. In this course, students will learn how to evaluate a script based on specific principles of dramatic writing. The script will be analyzed and observations made by asking: Does the script maintain the stated theme? Are character arcs fully realized? Is the story structure well defined? Is there a clear hero objective throughout the story? Does the action of the story proceed with conflict and direction? "*Rewriting is where the game is won or lost; rewriting is the essence of writing.*" – William Zinsser, *On Writing Well*.

**CINE 454 *Advanced Audio Production*** 3 hours

Prerequisites: CINE 201, 202, 203, and the first three semesters of the Cinematic Arts cohort; Program Director waiver, if needed

Advanced audio production for Cinematic Arts further explores the creative and technical field of sound design. The course will develop student's abilities in spotting music, placing and editing sound effects, and multi-format surround sound deliverables. This course builds on the knowledge and experience developed in the Audio Production (CINE 354) class. Students will polish their thesis film projects in 5.1 and/or 7.1 surround sound formats and develop specific international deliverables, such as an M&E mix.

**CINE 455 *Persuasion*** 3 hours

Prerequisites: CINE 201, 202, 203, and the first three semesters of the Cinematic Arts cohort; Program Director waiver, if needed

The study, analysis and practice of argument, rhetoric used to change attitudes, beliefs, and behaviors of targeted audiences in cinematic art.

**CINE 497 *Special Topics Workshops in Cinema*** 1 to 3 hours

Workshops in digital film production processes and techniques. Analysis of successful and unsuccessful production methods. Professional relationships and networking.

**CINE 499 *Cinema Internship*** 3 to 9 hours

Prerequisites: Student must have a GPA of 3.00; have completed specific degree requirements as required by the program, have completed the internship application process and have prior approval from the Program Executive Director.

Supervised field experience within the Film Industry, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.

Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

## CRIMINAL JUSTICE

**CJUS 200 *Introduction to Criminal Justice*** 3 hours

Prerequisite for all other CJUS courses

An introductory course covering an overview of the whole criminal justice system in America, including discussion of law enforcement generally, the court systems, correctional organizations, the history of law enforcement in the U.S. and some other nations, and the ethics and philosophy of criminal justice generally.

**CJUS 230 *Criminal Justice Research and Writing*** 3 hours

Prerequisite for all other CJUS courses; recommended to be taken concurrently with CJUS 200.

This course is an introductory course to research in the social sciences, both in traditional and online venues. It covers plagiarism, APA formatting, case briefing, academic writing, formal reporting, and memoranda. A major research paper is required.

**NOTE: CJUS 200 and 230 are a prerequisite for all other Criminal Justice courses.**

**CJUS 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Application procedures processed through the Career Center. Must apply semester prior to internship.

**CJUS 300 *Administration of Justice Organizations*** 3 hours

This course is designed to familiarize the student with the theoretical and practical management perspectives embraced by the American criminal justice system. This will include nature of criminal justice organizations, individual and group behavior within those organizations, processes inherent in those organizations, and areas of criminal justice reform from a Christian perspective.

**CJUS 310 *Juvenile Justice*** 3 hours

This course is designed to provide an in-depth study of the juvenile justice system in the United States. The student will study the general principles of juvenile delinquency, overview of the juvenile criminal justice system, theories of delinquency, and other issues dealing with juveniles in the justice system.

**CJUS 320 *Corrections*** 3 hours

This course is designed to familiarize the student with the criminal correctional system in the United States. The student will review the history of corrections and procedural, statutory, and case law of American correction.

**CJUS 321 *Juvenile Corrections*** 3 hours

Examines the extent to which juvenile correctional interventions are used. Provides an in-depth analysis of various correctional responses to juvenile offenders including diversion, community-based, and residential programs.

**CJUS 322 *Community Based Corrections*** 3 hours

This course introduces the student to the new philosophies within corrections to establish successful rehabilitation programs in the community and outside of traditional prison settings. Students will analyze different programs that are being implemented nationally to include electronic monitoring, boot camps, and restorative justice programs.

**CJUS 323 *Delinquency and Crime Prevention*** 3 hours

Explores various strategies for prevention of adult and juvenile crime with particular attention to the theoretical and empirical bases for these approaches. Students will develop a crime prevention plan.

**CJUS 324** *Legal and Ethical Issues in Juvenile Justice* 3 hours

An overview of legal issues and court decisions related to juvenile justice. An analysis of the various ethical issues surrounding juvenile justice contexts and practices.

**CJUS 330** *Judicial Process* 3 hours

This course is designed to increase the understanding of the criminal judicial process in the United States. It includes a study of the functioning of courts, judges, lawyers and law enforcement agencies, including judicial decision-making and the impact of court decisions on the American Republic.

**CJUS 340** *Criminology* 3 hours

This course is designed to examine theories regarding the nature and cause of criminal behavior and society's response. It approaches crime from a philosophical, psychological, and sociological perspective. Most importantly, this course strives to integrate a theological, perspective to crime and punishment. (Formerly CJUS 210)

**CJUS 350** *Criminal Justice Ethics* 3 hours

This course is designed to build upon the biblical foundations students should have developed from other courses (such as BIBL 105/110 and THEO 200/201) and enhance foundational ethical considerations into more developed and practical notions of right behavior within the realm of criminal justice praxis.

**CJUS 360** *Introduction to Forensics* 3 hours

An introductory overview of forensics and how it is applied to the justice system by law enforcement agencies. This course demonstrates the importance of documenting physical evidence and identifying various kinds of evidence such as: fingerprints, trace, tool marks, DNA, etc.

**CJUS 361** *Crime Scene Photography* 3 hours

Prerequisite: CJUS 360; can be taken concurrently with CJUS 363

Students will learn and apply principles of photography in digital format. Within the field of forensic science, the use and understanding of photography is essential. The course will focus on the areas of aerial, underwater, and macro photography as used to document and present criminal investigations. Students must have access to a digital camera that has aperture settings (example: Sony P200) and a tripod.

**CJUS 362** *Crime Scene Management* 3 hours

Prerequisites: CJUS 361; can be taken concurrently with CJUS 363

This course will address critical thinking, resource management, supervision, and investigative failures in criminal investigations. A detailed explanation of how to effectively manage a forensics investigation and how to preserve and present evidence will be covered.

**CJUS 363** *Computer and Cyber Forensics* 3 hours

Prerequisites: CJUS 360; can be taken concurrently with CJUS 361 or 362

The course will focus on the role of computer forensics and the methods used in the investigation of computer crimes. The course explains the need for proper investigation and illustrates the process of locating, handling, and processing computer evidence.

**CJUS 380** *Introduction to Homeland Security* 3 hours

An introduction to the public and private sector dimension of the broad range theoretical and practical aspects of homeland security and emergency management, including: origins of natural and terrorist-caused disasters; local, state, and federal emergency management planning and operations; health infrastructure capabilities, public communication strategies; business community concerns; ethical, legal, and constitutional questions; as well as the social and psychological dimensions of disasters. NRF, NIMS, ICS, IC, and UC will be examined. Further, national and association standards found in agencies and documents such as Presidential Directives, NFPA 1600, IAEM, and IACP will be examined.

**CJUS 381** *Incident Command System/Emergency Planning and Incident Management* 3 hours

Prerequisite: CJUS 380

An introduction to the basic tasks of emergency preparedness and disaster mitigation, including planning, response, and recovery. Special emphasis will be placed on command arrangements, coordination, and budgetary issues among emergency responders (law enforcement, firefighters, transportation, public works, and health care system officials), and within and between federal, state, and local governments.

**CJUS 382** *Critical Infrastructure Protection* 3 hours

Prerequisite: CJUS 380

Identification, prioritization, and protection of critical infrastructure including agriculture, cyber and information technology, telecommunications, chemical, transportation, energy, water, medical, emergency services, and postal and shipping. Impact on personal safety, structural integrity and security, and economic performance.

**CJUS 383** *Behavioral Dimensions of Disaster* 3 hours

Prerequisite: CJUS 380

This course focuses on the sociological, psychological, and physiological human responses to natural and human-made disasters. Students will examine normal and abnormal psychological reactions, the recovery process, and principles of mental health care for victims and responders of disasters. Differences between natural and human-made disasters are examined and factors that mitigate post-traumatic effects are reviewed. Response of the public and individuals to disaster-related issues including: disaster warning, evacuations, relations, civil unrest, loss of family and property, and recovery activities are examined. Sociological and psychological aspects of Weapons of Mass Destruction (WMD) disasters are also considered. Students develop an awareness of the effect of human influence and behavior on disaster response and recovery.

**CJUS 400** *Criminal Law* 3 hours

Prerequisites: CJUS 200 and 230 or GOVT 200 and 346

This course is designed provide an overview of the legal elements that apply to criminal law, procedure, and evidence, including proof, intent, conspiracy, classifications of crimes and related punishments, culpable mental states, defenses, rules of evidence (including the exclusionary rule), and rights and procedures in the gathering of evidence.

**CJUS 405** *Interview and Interrogation* 3 hours

(NOTE: Extra costs above tuition and fees apply)

Prerequisites: Upper Division Standing

This class is an advanced exploration of the mechanics of interview and interrogation. The class instruction will focus on behavior symptom analysis, interviewer characteristics and interview environment, interviewing protocol, factual analysis, evaluating the alibi, the Behavioral Analysis Interview, and the Reid Nine Steps of Interrogation.

**CJUS 410** *Constitutional Criminal Procedure* 3 hours

This course is designed to study the constitutional provisions and Supreme Court decisions affecting law enforcement procedure, including due process of law generally, arrest, charges, right to counsel, search and seizure, identification, bail, trial and post-trial proceedings, and post-conviction appeals. The course also investigates civil liability for acts of law enforcement personnel.

**CJUS 420** *Criminal Investigations I* 3 hours

(Offered fall semester)

This course will address the constitutional requirements for conducting criminal investigations, essential techniques for processing a crime scene, and methodology for collecting evidence via subpoenas and interviews.

**CJUS 421** *Criminal Investigations II* 3 hours  
(Offered spring semester only)  
Prerequisite: CJUS 420

This course will apply the concepts addressed in CJUS 420 to specific crimes, including arson, rape, robbery, and murder. Additionally, the course examines the practices and procedures associated with the management of complex criminal investigations.

**CJUS 422** *Forensics Colloquium* 1 hour

This course is a collection of practically oriented lectures, demonstrations, and short films specifically tailored to students interested in the application of scientific processes in identifying, locating, apprehending, and prosecuting criminal offenders. It will draw on practitioners within the various fields of the forensic science, police, prosecutors, and defense attorneys. This course is elective. Criminal Justice majors should consider enrolling for three semesters.

**CJUS 450** *Comparative Criminal Justice Field Study* 3 hours  
(Summer term only)

This course is a predominantly on-site investigation into the institutions, processes, and practices of criminal justice in various foreign countries. It seeks to examine the historical development of criminal justice, the cross-cultural and economic impact of international crime, and competing notions of justice, crime, and punishment. This course is offered annually or bi-annually, as needed.

**CJUS 497** *Special Topics in Criminal Justice* 3 hours

**CJUS 499** *Criminal Justice Internship* 1-6 hours

Prerequisites: Junior or Senior status and required GPA

Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### CHRISTIAN LEADERSHIP

**CLED 300** *Biblical and Theological Foundations of Christian Leadership* 3 hours

This course will explore the biblical and theological foundations for Christian leadership. Old and New Testament examples of leadership will be analyzed and the foundations of current leadership principles will be discussed.

**CLED 365** *The Personal Development of the Leader* 3 hours

This course is designed to help the student examine the life of the leader. In addition to examining the development of an individual's leadership skills, several other issues will be explored such as the ordering of one's private world, the personal character of the leader, and becoming a leader that lasts.

**CLED 410** *Team Dynamics in Christian Leadership* 3 hours

Prerequisites: CLED 300

This course is designed to focus on the role of Christian leadership in establishing effective teams for ministry in the church and the marketplace. It will guide the student through a biblical and theological basis for team ministry as well as consider foundational material from the social sciences. An analysis of various roles and ministry team dynamics in a multiple-staff ministry will be covered. Principles for leading organizational change will also be examined.

**CLED 425** *Ethical Issues in Christian Leadership* 3 hours

Prerequisites: CLED 300

Christian Leadership embraces general accepted leadership principles and practices, with the additional inclusion of biblically based spiritual dynamics. It is this emphasis on biblically based spiritual dynamics that raises the expectations of leadership practices. As a result, ethical issues have emerged that require thoughtful consideration, when it comes to participation, procedure, and practice.

**CLED 499** *Christian Leadership Internship* 3 hours

Prerequisites: Junior status; 21 hours in the major including CHMN 447 and CLED 410

This course is designed to equip students with the study strategies necessary for success at the college level. It teaches self-management skills such as organization and time management, as well as learning strategies including memory and test-taking. Students are also encouraged to discover their individual learning styles, while incorporating practical application techniques.

### COLLEGE LEARNING STRATEGIES

**CLST 101** *College Learning Strategies* 1 hour

This course is designed to equip students with the study strategies necessary for success at the college level. It teaches self-management skills such as organization and time management, as well as learning strategies including memory and test-taking. Students are also encouraged to discover their individual learning styles, while incorporating practical application techniques.

**CLST 102** *College Reading Improvement* 1 hour

This course is designed to teach students the essential reading skills necessary to improve their ability to comprehend the material contained in college textbooks. Topics include analytical reading, critical reading, and vocabulary development.

**CLST 103** *Individualized Curriculum to Support Academic Success* 1 hour

This course is an individualized curriculum spanning a spectrum of topics such as English, math, professional test-taking, and/or study strategies. The course is self-paced with instructor guidance and accountability to reach desired outcomes.

**CLST 104** *College Transition and Study* 3 hours

This summer program is designed to equip students with the knowledge and study skills necessary for successful transition to a Christian university setting, while facilitating academic, spiritual, and social development. Interaction between faculty and students establishes high academic expectation and encourages connection to community and university life. Neither CLST 100 nor 101 may be taken for credit if a student has already completed CLST 104.

**CLST 105** *Strategies for the Application of College Learning Skills* 1 hour

This course provides strategies that will enable students to apply college learning skills to their current courses. It incorporates one-on-one mentoring, as well as weekly accountability. It is designed to foster an awareness of current academic progress and to encourage the motivation and responsibility necessary for academic success.

**CLST 301** *Advanced Reading/Vocabulary Development* 1 hour

This course focuses on building personal/professional vocabularies and accelerating reading speed/ comprehension. Higher level critical reading skills are developed for upper-level and graduate courses.

### COMMUNICATION STUDIES

**COMS 101** *Speech Communication* 3 hours

Prerequisite: ENGL 100 or advanced standing in the English Placement Test

Study and practice in communicating ideas competently in public speaking. Students are also given a foundation for development of communication skills in other human communication contexts, including dyadic and small group communication.

**COMS 497** *Special Topics in Communication Studies* 3 hours

Topics of special interest not included in the regular department offerings. May be taken more than once, but no topic may be repeated.

**CRAFT SKILLS**

**CRFT 101** *Introduction to Craft Skills* 3 hours  
Introduction to Craft Skills serves as the orientation and foundation for each technical studies specialization. Topics addressed include introductions to: Safety, Construction Math, Hand Tools, Power Tools, Construction Drawings, Communication Skills, Employability Skills and Materials Handling. This course serves as a prerequisite and can be taken concurrently with all technical studies foundation courses.

**CREATION STUDIES**

**CRST 290** *History of Life* 2 or 3 hours  
Prerequisite: A college science course  
An interdisciplinary study of the origin and history of life in the universe. Faculty of the Center for Creation Studies will draw from science, religion, history, and philosophy in presenting the evidence and arguments for creation and evolution. This course is required for all Liberty students. The online course is 3 semester hours credit.

**CRST 390** *Origins* 3 hours  
Prerequisite: BIOL 224 or CRST 290; or permission of the instructor

An in-depth study of the biblical and scientific views of the origin of the universe, life and man. Evidence and arguments for creation and evolution will be discussed. This course is designed for students with a strong science background or a very strong interest in the origins controversy.

**COMPUTER SCIENCE**

**CSCI 110** *Computing Foundations and Ethics* 3 hours  
Prerequisite: MATH 121 (with a "C" or better) or placement via SAT MATH 570 or ACT MATH 25

A breadth-first introduction to the computing disciplines, with an emphasis on computer ethics and how computing technology impacts the world. Topics include: computing history; discrete mathematics; computer architecture and organization; algorithm design; languages; compilers; operating systems; applications; networks; databases; intellectual property; privacy; free speech; social consequences; computer crime; and codes of conduct.

**CSCI 111** *Introduction to Programming* 3 hours  
Prerequisite: CSCI 110/ENGR 110, minimum grade of "C"; CSCI 110/ENGR 110 can be taken concurrently with CSCI 111

Introduction to structured programming and algorithms with an object-oriented language. Topics include input/ output, flow of control, functions, and an introduction to software engineering. Programming assignments are required.

**CSCI 112** *Advanced Programming* 3 hours  
Prerequisite: CSCI 111 with a minimum grade of "C"

Continuation of CSCI 111. Further development of discipline in program design, especially for larger programs. Introduction of pointers, simple data structures, recursion, internal sort/search methods. Programming assignments are required.

**CSCI 215** *Algorithms and Data Structures* 3 hours  
Prerequisites: CSCI 112 (minimum grade of "C") and MATH 250 (minimum grade of "C")

Study of data structures such as linked lists, stacks, queues, trees, and graphs. Algorithms for manipulating such structures will be introduced and analyzed. Static and dynamic memory allocation. Access methods for sorting/searching, such as hashing and tree searching.

**CSCI 244** *Assembly Language* 3 hours  
Prerequisite: Knowledge of one high-level language or CSCI 111 with a minimum grade of "C"

A detailed development of the tools and techniques of assembly language on a particular computing system. Several programming assignments are required. .

**CSCI 299** *Internship* 0 hours  
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Application procedures processed through the Career Center. Must apply semester prior to internship.

**CSCI 310/** *Web Architecture and Development* 3 hours  
**BMIS 310**

Prerequisite: BMIS 208 or BMIS 212 or CSCI 112; minimum grade of "C"

Provides students with thorough knowledge of the foundations of web architecture, current technologies utilized in the development of a web site, and criteria for assessing the usability of web sites. (Formerly ISYS and CMIS 310)

**CSCI 315** *Client-Side Programming* 3 hours  
Prerequisites: CSCI 310 or CSCI 215; minimum grade of "C"

This course provides an introduction to the various languages and tools used in client-side programming. The fundamentals of client-side programming will be emphasized. Due to the particularly dynamic nature of Internet technologies, course content will change as appropriate.

**CSCI 316** *Server-Side Programming* 3 hours  
Prerequisites: CSCI 310 or CSCI 215; minimum grade of "C"

This course provides an introduction to the various languages and tools used in server-side programming. The fundamentals of server-side programming will be emphasized. Due to the particularly dynamic nature of Internet technologies, course content will change as appropriate.

**CSCI 325** *Database Management Systems* 3 hours  
Prerequisites: CSCI 215 with a minimum grade of "C"; MATH 250 and MATH 211 (can be concurrent)

The study of database management systems, database architecture, design, queries, applications, administration and implementation. The course will focus on data normalization, SQL (queries), and the use of relational technology for building database applications. Projects will be assigned to provide hands-on experience with the SQL language and relational database management software packages. (Formerly CSCI 424).

**CSCI 340/** *Studies in Information Security* 3 hours  
**BMIS 340/**  
**BUSI 417**

This course introduces the basic issues and principles of information system security such as security policies, their mechanisms of implementation, means attackers use to circumvent these protections, and defenses against these attackers.

**CSCI 342** *Computer Architecture and Organization* 3 hours

Prerequisite: CSCI 215 with minimum grade of "C" and MATH 250

Introduction to architecture and organization of computer systems. Data and instruction representations. Arithmetic and logical operations. Processor and memory implementations.

**CSCI 345** *Introduction to Unix* 3 hours  
Prerequisite: CSCI 112 or BMIS 212 with a minimum grade of "C"

This course introduces students to the usage and administration of the UNIX Operating System. The course will emphasize end-user tools and commands for basic file manipulation, editing, compilation and debugging, as well as special features of the UNIX shell environment. Basic system administration will also be covered. Students will learn through a combination of traditional lectures, hands-on laboratory sessions, and individual assignments



**CSCI 351/ Information Security Planning** 3 hours

**BMIS 341**

Prerequisites: BMIS 340 or CSCI 340

This course will deal with the proper planning for and initial implementation of an Information Security program. The topics included would be: security planning and policies; risk analysis; program accreditation; systems lifecycle management; contingency planning; physical security measures; personal security practices and procedures; software security; network security; administrative controls; crypto security.

**CSCI 352 Information Security Operations** 3 hours

Prerequisite: BMIS 340 or CSCI 340

This course will cover the issues and tasks involved in the day to day operation of an Information Security System. The topics included in this course would be: risk management, auditing and monitoring, regulations and compliance, disaster recovery, incidence response, key management, information systems hardware and software operation, networks and transmission security, operational security, and cryptography.

**CSCI 355 Computer Network Architecture and Programming** 3 hours

Prerequisite: CSCI 215 with a minimum grade of “C”

A study of how computer networks and internets operate. Investigates networking from the level of data transmission and wiring through the level of application software that provides networking functionality. Topics include: data and packet transmission, LANs and WANs, and internet concepts, including architecture, protocol layering, and application software.

**CSCI 375/ Introduction to Human Computer** 3 hours

**BMIS 375 Interaction**

Prerequisite: CSCI 215 or BMIS 312; minimum grade of “C”

Study and application of the design and evaluation of effective user interactive computer software, including user-centered design principles, guidelines and evaluation for designing a software product. Research-based project required.

**CSCI 405 Web Services** 3 hours

Prerequisites: CSCI 315 or CSCI 316; minimum grade of “C”

This course provides an in-depth look at current enterprise level technologies used for standardized business-to-business communication among client-server applications using Internet Services technologies. It covers modern technologies used as well as new and rising technologies. Due to the particularly dynamic nature of Internet technologies, course content will change as appropriate.

**CSCI 416 AITE Capstone** 3 hours

Prerequisites: CSCI 405; minimum grade of “C”

This is the capstone course. The student will learn to work in teams in the programming of their capstone project. The teams will give both written and oral presentations to their clients.

**CSCI 434 Theory of Programming Languages** 3 hours

Prerequisites: CSCI 215 (Minimum grade of “C”) and MATH 350 (Minimum grade of “C”)

A theoretical study of programming languages. Introduction to grammars and parsers. Language design issues and practical applications.

**CSCI 443 Operating Systems** 3 hours

Prerequisite: CSCI 342 with a minimum grade of “C”

Resource management for processes, files, devices, and memory. Deadlock and recovery procedures. Security issues.

**CSCI 465 Technical Aspects of Information Security** 3 hours

Prerequisites: CSCI 355 with minimum grade of “C”

This course introduces the following issues and principles of information system security: security policies and their mechanisms of implementation, methods used by attackers

attempting to circumvent these protections, and specific defenses against these attackers.

**CSCI 466 Modern Cryptography** 3 hours

Prerequisites: CSCI 215 (Minimum grade of “C”) and MATH 350 (Minimum grade of “C”)

Study of modern cryptographic techniques. Covers basic cryptographic concepts, including symmetric key, public key, hash functions, digital signatures, and message authentication codes.

**CSCI 481 Software Engineering** 3 hours

Prerequisites: CSCI 215 with a minimum grade of “C” and Senior Status

Study of the software development process. Topics include: phases of a software project; life-cycle models; metrics; tools; and ethical and professional issues. Participation on team projects is integral. (Formerly CSCI 415)

**CSCI 482 Applied Software Engineering** 3 hours

Prerequisite: CSCI 481 with a minimum grade of “C”

A hands-on experience that requires students to apply the skills and knowledge gained throughout the Computer Science program. A team solution of a real-world project is required.

**CSCI 495 Directed Research** 1 to 3 hours

Prerequisite: CSCI 215 with a minimum grade of “C” and permission of instructor

Study of advanced topics in computer science on an individual basis. Periodic meetings with instructor.

**CSCI 497 Special Topics in Computer Science** 3 hours  
(Offered on demand)

Prerequisite: CSCI 215 with a minimum grade of “C” and permission of instructor

Selected topics in various areas of computer science. May be repeated for credit when topic varies.

**CSCI 499 Computer Science Internship** 1 to 6 hours

Prerequisites: Junior status, required GPA and permission of Faculty Intern Advisor.

Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**COMPUTER SCIENCES AND INFORMATION SCIENCES**

**CSIS 352 System Administration** 3 hours

Prerequisite: BMIS 320

Principles of system administration activities, applications, operating systems, and domains; analysis of computing applications, infrastructures, architectures, firmware, hardware, disaster recovery, security, and enterprise deployment.

**CSIS 354 Integrative Programming and Technologies** 3 hours

Prerequisite: BMIS 320

Examines the integration of systems and applications across global businesses; explores programming interfaces, data mapping and exchange, scripting, and programming languages to support the configuration, maintenance, integration, and security of systems.

**CSIS 465 Enterprise Systems and Integration** 3 hours

Prerequisite: CSIS 352 and CSIS 354

Information technology capstone course converses by focusing on a sequence of projects that designs and builds systems and integrates them into a global business; emphasizes IT project management, enterprise architecture, business requirement analysis, system modeling, acquisition, testing, deployment, and quality assurance.

**CONVERSATIONAL SPANISH**

- CSPA 101 *Conversational Spanish I*** 3 hours  
An introductory course designed to develop practical conversational Spanish skills. Intended for students with no previous Spanish training and/or experience.
- CSPA 102 *Conversational Spanish II*** 3 hours  
Prerequisite: CSPA 101  
This course will further the objectives of CSPA 101 by expanding students' practical conversational skills.
- CSPA 103 *Conversational Spanish III*** 3 hours  
Prerequisite: CSPA 102  
This course is a continuation of Conversational Spanish 101 and 102, with an increased focus on grammar and vocabulary supporting practical conversational skills.

**CULTURAL STUDIES**

- CSTU 101 *Western Culture*** 3 hours  
A survey course which concentrates on the development of Western Culture. It is an integrated study of the visual arts, drama and music, and the discipline of philosophy that permeates all the arts. (Formerly HUMN 101)
- CSTU 102 *The Humanities Abroad*** 3 hours  
This course surveys the development of western culture (including its legacy of art, architecture, music, history, and philosophy) through a structural tour of Europe. Students will participate in directed readings, on-location discussions, and written reflections. Emphasis will be placed on studying the key monuments and values of western culture directly within their historical content. (Formerly HUMN 102)
- CSTU 301 *Film as Art*** 3 hours  
An intensive study of film theory, focusing both on international cinema and classic Hollywood films, this course emphasizes the unique aesthetic qualities of film as an expression of culture. The course covers such topics as auteur theory, genre criticism, montage, and the development of visual and narrative techniques. (Formerly HUMN 301)
- CSTU 310 *Religion and the Arts in Western Culture*** 3 hours  
This course explores the web of relationships between religion and the arts throughout the history of Western culture, from biblical times into the postmodern era. Major topics will include: the mutual influences of religion and the arts on each other, how philosophers and theologians have understood the nature of beauty, the place of the visual and performing arts in contemporary Christian faith and practice, and how the arts are an integral component of a biblical worldview.
- CSTU 495 *Directed Research*** 1 to 3 hours  
(Formerly HUMN 495)
- CSTU 497 *Special Topics in Cultural Studies*** 1 to 3 hours  
(Formerly HUMN 497)

**DIGITAL MEDIA**

- DIGI 100 *Equipment Workshop*** 1 hour  
This course will introduce the new Digital Media & Communication Arts student to the equipment available for their use throughout their academic career at Liberty University. Students will set up and execute basic functions of the various cameras, audio equipment and lighting fixtures available for use through the Media Lab. In addition, students will work through the Liberty University production manual including all production forms necessary to complete video and audio projects through the School of Communication and Creative Arts. This course is required of any student who expects to use Liberty University Media Lab equipment regardless of the student's major.

- DIGI 175 *Fundamentals of Editing*** 3 hours  
Prerequisites: DIGI 100  
This course is a study of the techniques and workflow of the non-linear editing process, including tools and formats as they relate to the post-production process.
- DIGI 220 *Intro to Transmedia*** 3 hours  
The basics of storytelling across media in the new millennium; an introduction to the fundamental concepts, including the fusion of Story & World, the coordination across multiple media, and the enduring foundation of the narrative structure.
- DIGI 224 *Fundamentals of Audio Production*** 3 hours  
Prerequisites: DIGI 100  
This course will introduce the fundamentals of training in digital production, audio console operation, use of digital recorders and microphones, DAW editing and program formats. (Formerly COMS 224)
- DIGI 225 *Intro to Video Production*** 3 hours  
Prerequisites: DIGI 100  
This course will introduce the fundamentals of training in digital video production, editing, software operation, use of cameras, lighting, and microphones.
- DIGI 250 *Location Sound*** 3 hours  
Prerequisites: DIGI 224  
This course is designed to teach students the recording skills required in capturing good location sound for digital video projects.
- DIGI 280 *Storytelling: Interactive, Social and Digital Media Writing*** 3 hours  
Prerequisites: DIGI 220  
Writing the webisode; an experiential class in the creation of particularly short-form, stand-alone moving image narratives for distribution through web and mobile devices, from treatment through script to final polish.
- DIGI 290 *Post Production and Sound Design*** 3 hours  
Prerequisites: DIGI 224  
Students will have the opportunity to create and remix practical assignments working with a variety of student media productions. The course will help students in developing the proper balance between dialogue, SFX and music tracks, mixing in stereo and/or surround sound.
- DIGI 310 *The Digital Media Producer and Director*** 3 hours  
Prerequisites: DIGI 225  
In this course students will participate in digital program development; creation of a show concept from research and development to proposal. Emphasis is placed on the roles of the producer and director. This course will include network, cable and web distribution overviews. Survey of the different strategies related to news, comedy, talk, reality and day- and nighttime drama will prepare the student to create a show concept suitable for development. Producer and director job functions including similarities, differences and overlap will be explored.
- DIGI 320 *On Camera Presentation*** 3 hours  
Prerequisites: DIGI 324  
Students who plan to work as anchors, hosts, and features producers will learn styles of personal presentation as they relate to storytelling in news, magazine, talk and documentary presentation.
- DIGI 323 *Writing for Visual Media*** 3 hours  
Prerequisites: DIGI 220  
Intermediate scriptwriting for television & web distribution; scripting in extremely short form for promotional, corporate, news and advanced webisode applications. (Formerly COMS 323)

**DIGI 324 *Vocal Development*** 3 hours

An introduction to the use of one's voice as a tool in effective storytelling, news delivery, features package presentation and hosting both on camera and behind a microphone. The course will require the practice of announcing with vocal pronunciation and expression, the development of individual vocal persona, vocal breathing and control skills and microphone technique. Intensive practical experience in developing individual announcing ability and critiquing announcers are highlights of this course.

**DIGI 333 *Intermediate Video Production*** 3 hours  
Prerequisites: DIGI 222

A study of the theory and practice in planning, directing and producing various video productions with emphasis on skill development and production techniques. (Formerly COMS 333)

**DIGI 334 *Intermediate Audio Production*** 3 hours  
Prerequisites: DIGI 224

Intensive, practical experience in planning, coordinating, directing and producing various audio productions for broadcast. (Formerly COMS 334)

**DIGI 337 *Music Recording*** 3 hours  
Prerequisites: DIGI 334

This course provides students the hands on experience to record, and mix down different music projects from a simple recital or solo project to a multi-track recording of a contemporary or symphonic band. Students will also learn proper microphone placement, mixing and application of specific plug-ins in music recording and production.

**DIGI 340 *Sports Broadcasting*** 3 hours  
Prerequisites: DIGI 320

Play-by-play, analysis and color commentary will be studied. Individuals will develop their own broadcasting style through student projects including research, on-camera practice and attendance at Liberty sports events to observe LFSN professionals in action.

**DIGI 350 *Editing Theory*** 3 hours  
Prerequisites: DIGI 225

This course will survey the theory and practice of editing and post-production for long and short form video and web products. Aesthetics of narrative and documentary editing stressed, for both picture and sound.

**DIGI 354 *Storytelling: Sitcom*** 3 hours  
Prerequisites: DIGI 220

Writing the half-hour situation comedy; an experiential class, including show conceptualization, episodic structure, & cooperative writing, and specializing in humorous and shorter-form screenwriting for cable, broadcast and streaming television.

**DIGI 355 *Interactive, Social and Digital Media Management*** 3 hours  
Prerequisites: DIGI 280

Facebook, Twitter, Netflix, Hulu, Google+ and a myriad of other online outlets have become revenue generators in ways that magazine and newspaper ads and television and radio commercials were in years gone by. This course will equip the savvy social media manager to turn interactive and social networking strategies into dollars for the client of today.

**DIGI 369 *Chronicles of Motion Pictures and Television*** 3 hours

The historical development and convergence of motion pictures and television, from their simultaneous origins in the 1890s through the new millennium. (Formerly COMS 369)

**DIGI 370 *Studio Production*** 3 hours  
Prerequisites: DIGI 333

This course will explore the positions and equipment involved in studio production, the founding techniques of this craft, and the language and discipline of studio environment.

The course will expose the student to the professional function of the various studio production positions. This will be accomplished through lecture, text materials, classroom discussion and in-studio production.

**DIGI 373 *Storytelling: Episodic Drama*** 3 hours  
Prerequisites: DIGI 220

Writing the hour-long televised drama; an experiential class, including show conceptualization, episodic structure, & cooperative writing, and specializing in serious and longer-form screenwriting for cable, broadcast and streaming television.

**DIGI 393 *Television Practicum*** 1 to 3 hours  
Practicum for broadcast-oriented students using on-campus TV facilities. (Formerly COMS 393)

**DIGI 394 *Advanced Radio Practicum*** 1 to 3 hours  
Practical hands on experience in the overall operation of the radio station. including experience in on-air and digital production skills, as well as an overview of broadcast programming and operations; may be repeated. (Formerly COMS 394)

**DIGI 428 *Media Industry & Ethics*** 3 hours  
A study of digital media regulations, economic operations, and ethics as currently operational in the United States; including examination of moving image, audio-only, and transmedia application.

**DIGI 453 *Storytelling: Reality Television*** 3 hours  
Writing the docu-style reality show; an experiential class in the creation of story in which the recording of moving image and audio follows the conceptualization but precedes the screenwriting.

**DIGI 454 *Radio News Production*** 3 hours  
Prerequisite: DIGI 334

A study of the theory and practice of writing and preparing news copy and packages for radio broadcast. Students will write and produce regular newscasts for 90.9 FM. (Formerly COMS 454)

**DIGI 473 *TV News Production*** 3 hours  
Prerequisite: DIGI 333

A study of the theory and practice of writing and preparing news copy and packages for TV broadcast. (Formerly COMS 473)

**DIGI 474 *Advanced Audio Production*** 3 hours  
Prerequisite: DIGI 334

Writing and production of dramatic and documentary programs for radio and Internet distribution. Portfolio development. (Formerly COMS 474)

**DIGI 477 *Storytelling: Transmedia*** 3 hours  
Prerequisite: DIGI 220

Writing the cross-platform storyworld; an experiential class, including story-world conceptualization, overarching cross-platform structure, & cooperative writing, with the focus on producing independent stand-alone narratives that simultaneously interlock into a seamless fictional universe.

**DIGI 483 *Advanced Video Production*** 3 hours  
Prerequisite: DIGI 333

Writing and production of dramatic and documentary programs for television and Internet distribution. Portfolio development. (Formerly COMS 483)

**DIGI 490 *SFX, ADR, and Foley*** 3 hours  
Prerequisite: DIGI 334

This course will give students the opportunity to learn proper microphone technique and placement for recording sound effects, and ADR (Automated Dialog Replacement), and to teach students to record and perform with Foley props.

**DIGI 498 *Senior Portfolio*** 3 hours  
Prerequisites: DIGI 310, 333

An intensive individual research or production project in which the graduating senior can best showcase his or her competence in the field of electronic media. (Formerly COMS 498)

**DIGITAL MEDIA & CREATIVE ARTS**

**DMCA 499 Internship** 1 to 6 hours  
Completion of a minimum of 24 hours of Communication Studies courses other than COMS 101. Written application must be approved during the previous semester. The course is not intended to be duplicated for additional credit. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**ECONOMICS**

**ECON 110 Survey of Economics** 3 hours  
A survey of general economic principles and concepts for non-business majors. Presents an overview of theories and applications in microeconomics and macroeconomics. Market economic system is introduced and comparison with other economic systems are provided.

**ECON 213 Principles of Microeconomics** 3 hours  
Free market thought will be evaluated from the Christian perspective. The supply and demand model is used to analyze microeconomic issues including market structures, government regulations, labor market, financial market, and international trade.

**ECON 214 Principles of Macroeconomics** 3 hours  
The aggregate supply and demand model is used to analyze macroeconomic problems including business cycles, unemployment, and inflation. Government fiscal and monetary policies that may stabilize the economy are introduced and evaluated. The U.S. financial system and the value of U.S. dollar in the foreign exchange market are covered.

**ECON 495 Directed Research** 1 to 3 hours

**ECON 497 Special Topics in Economics** 1 to 3 hours

**SPECIAL EDUCATION**

**EDSP 323 Current Trends in Special Education** 2 hours  
Prerequisites: EDUC 220 or PSYC 345; to be taken concurrently with EDSP 324 or 325

This course is designed to expose teacher candidates to a variety of special education related topics including: legal/ ethical issues, documentation procedures, development of Individual Education Plan (IEP), models of service delivery, and collaboration. (Formerly EDSP 423)

**EDSP 324 Current Trends in Special Education Practicum** 1 hour

Prerequisites: EDUC 220 or PSYC 345; to be taken concurrently with EDSP 323

Field experience to be completed in special education classroom setting. (Formerly EDSP 424)

**EDSP 325 Current Trends: Community Practicum** 1 hour  
Prerequisites: EDUC 220 or PSYC 345; to be taken concurrently with EDSP 323

Field experience to be completed in special education community setting. (Formerly EDSP 425)

**EDSP 363 Behavior Management** 2 hours  
Prerequisites: EDUC 220 or PSYC 345; EDSP 323 (can be taken concurrently) to be taken concurrently with EDSP364 or 365

This course will explore research for instructional approaches and methods for managing behaviors effectively. Emphasis will be placed on individualized, classroom and school-wide behavior supports, including functional behavior assessments and behavior support plans. The applications in this course cover both general education and special education strategies.

**EDSP 364 Behavior Management Special Education Licensure Practicum** 1 hour

Prerequisites: EDUC 220 or PSYC 345; EDSP 323 (can be taken concurrently) to be taken concurrently with EDSP 363

Field experience to be completed in a classroom setting of students with disabilities.

**EDSP 365 Behavior Management in Special Education Community Practicum** 1 hour

Prerequisites: EDUC 220 or PSYC 345; EDSP 323 (can be taken concurrently); to be taken concurrently with EDSP 363

Field experience to be completed in a special education community setting of individuals with disabilities.

**EDSP 367 Introduction to Autism Spectrum Disorders** 3 hours

Prerequisites: PSYC 345

This course provides information on autism and gives the foundation, characteristics and effective strategies and approaches to interventions with an emphasis on school settings.

**EDSP 377 Autism: Educational and Theoretical Approaches** 3 hours

Prerequisites: EDSP 367

This course provides a comprehensive overview of the different educational approaches and therapies available for children and adults on the autism spectrum. The educational and theoretical approaches discussed within this course will help teacher candidates and professionals in the field of autism alike.

**EDSP 413 Inclusive Classrooms** 2 hours

Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 414 or 415

Teacher candidates will apply intervention strategies for adapting curriculum materials and methods to fit individual needs in various school settings. Focus will be on differentiating instruction for students with mild and moderate disabilities.

**EDSP 414 Inclusive Classrooms Practicum** 1 hour

Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 413

Field experience to be completed in special education classroom setting.

**EDSP 415 Inclusive Classrooms Community Practicum** 1 hour

Prerequisites: PSYC 345; EDUC 225; EDSP 323; to be taken concurrently with EDSP 413

Field experience to be completed in a special education community setting.

**EDSP 473 Transition Planning** 2 hours

Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 474 or 475

This course prepares special educators to work with families to provide successful student transitions throughout the educational experience focusing on educational issues, independent living preparation, community living skills and vocational preparation. Current methods and tools will be covered. (Formerly EDSP 373)

**EDSP 474 Transition Planning Practicum** 1 hour

Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 473

Field experience to be completed in classroom setting of students with mental retardation (MR). There will be an examination of IEP development for individuals who are MR. (Formerly EDSP 374)

**EDSP 475 Transition Planning Community Practicum** 1 hour

Prerequisites: PSYC 345; EDUC 225; EDSP 323; to be taken concurrently with EDSP 473

Field experience to be completed in a special education community setting. (Formerly EDSP 375)

- EDSP 495** *Directed Research in Special Education* 1 to 3 hours  
**EDSP 497** *Topics in Special Education* 1 to 3 hours

**EDUCATION**

- EDUC 125** *Introduction to Education* 1 hour

The teacher candidate will be acquainted with the role of public and private education and the nature of the teaching profession. Attention will be given to current developments in the field of education and the terminology basic to those in the profession. Each teacher candidate will be required to prepare for structured observations in the school setting. Students will apply to the Educator Preparation Program.

- EDUC 220** *Differentiated Teaching and Learning (Elementary)* 2 hours

Prerequisites: EDUC 125 (may be taken concurrently)

Designed to train teacher candidates concentrating in elementary or special education in differentiated teaching and learning strategies, aiding the teacher in adapting instruction and assignments to meet individual needs. Emphasis is on the mastery of teaching and learning skills in thinking, organizing for study, time management, reading rate and comprehension, textbook mastery/readability, listening, note taking, retention, motivation for study, learning styles, exceptionality, class discussion, test taking, and handwriting.

- EDUC 221** *Content Area Reading and Differentiated Teaching and Learning* 2 hours

Prerequisites: EDUC 125, 126 (may be taken concurrently)

This course is designed to prepare teacher candidates training for 6-12 and K-12 level teaching in developing differentiated teaching and learning strategies for the reading, thinking, and study skills required in content areas. Aids the teacher in adapting instruction and assignments to meet individual needs. Emphasis is on mastery of teaching and learning skills in thinking, organizing for study, time management, reading comprehension and rate, textbook mastery/readability, listening, note taking, retention, motivation for study, class discussion, test taking, learning styles, exceptionality, and handwriting.

- EDUC 225** *Instructional Design: Elementary* 1 hour

Prerequisites: EDUC 125, 220 or 221\*, admission to Educator Preparation Program. (\*may be taken concurrently)

A systematic approach to instruction for diverse classrooms including purpose, process and practice. Each teacher candidate will prepare lessons which follow the Liberty University model. Teacher candidates will be expected to present these lessons in the practicum. Topics include elements of the desired model: objectives, instructional process, systems of evaluation, and resources.

- EDUC 226** *Instructional Design Practicum: Elementary* 2 hours

Prerequisite: To be taken concurrently with EDUC 225

Teacher candidates will demonstrate proficiency in planning, implementing and evaluating instruction for diverse classrooms, which includes appropriate instructional technology (for example: computers, graphics, and other media). Video micro-teaching will be used to assist in evaluating lessons prepared and presented by the teacher candidate.

- EDUC 235** *Content Instructional Design* 1 hour

Prerequisites: EDUC 125/126\*, 220 or 221\*, admission to Educator Preparation Program. (\*may be taken concurrently)

A systematic approach to instruction for diverse classrooms, including purpose, process and practice. Each teacher candidate will prepare content lessons which follow the Liberty University model. Teacher candidates will be expected to present these lessons in the practicum. Topics include elements of the desired model: objectives, instructional process, systems of evaluation and resources. Field experience required.

- EDUC 236** *Content Instructional Design Practicum: Secondary* 2 hours

Prerequisite: To be taken concurrently with EDUC 235

Teacher candidates will demonstrate proficiency in planning, implementing and evaluating content instruction for diverse classrooms, which includes appropriate instructional technology (for example: computers, graphics, and other media). Video micro-teaching will be used to assist in evaluating lessons prepared and presented by the teacher candidate. Field experience required.

- EDUC 240** *Introduction to Applied Educational Technology Practicum* 2 hours

Prerequisites: Admission to Educator Preparation Program; Must be taken concurrently or after with EDUC 225, 235 or KINE 245

This course is designed to allow the teacher candidate to be competent in the application of learning technologies needed for teachers.

- EDUC 298** *Education Practicum* 3 hours

- EDUC 299** *Internship* 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Professional-supervised experience in first-hand internship opportunities. Application procedures processed through the Career Center. Must apply semester prior to internship.

- EDUC 317** *Elementary Reading and Language Arts Practicum* 2 hours

Prerequisite: EDUC 225/226, admission to Educator Preparation Program; to be taken concurrently with EDUC 318/319

Students are required to prepare a lesson, teach the lesson in an elementary classroom setting and evaluate the experience. Field experience required.

- EDUC 318** *Teaching Elementary Reading* 2 hours

Prerequisites: EDUC 225/226, admission to Educator Preparation Program; to be taken concurrently with EDUC 317/319.

A survey of instructional approaches, materials and media for the teaching of reading in the elementary grades. Emphasis will be placed on phonics methods. Attention will be given to phonemic awareness, phonics, fluency, vocabulary development, and comprehension.

- EDUC 319** *Teaching Elementary Language Arts* 2 hours

Prerequisites: EDUC 225/226, admission to Educator Preparation Program; to be taken concurrently with EDUC 317/318

A survey of instructional approaches, materials and media for the teaching of language arts in the elementary grades, including writing, speaking, and listening. Attention will be given to the connection of language arts to reading, as well as language acquisition, language differences, and creativity and enjoyment in communication. Emphasis will be given to developing differentiated instructional practices for diverse learners in the language arts classroom.

- EDUC 322** *Teaching Elementary Social Sciences* 2 hours

Prerequisites: EDUC 317, 318, 319; 6 hours of social science credit in general education requirement; admission to Educator Preparation Program

An analysis of trends and practices of teaching social sciences in the elementary school. Emphasis will be made on how to transfer theory into practice through the development of instructional planning for the integrated study of history, geography, the social sciences, and other related areas appropriate for the elementary classroom. A unit is developed to enhance differentiation of instruction for diverse learners.

**EDUC 323 Teaching Elementary Mathematics** 2 hours

Prerequisites: EDUC 317, 318, 319; MATH 117 and 217, or MATH 131 and 132; admission to Educator Preparation Program

An analysis of trends and practices of teaching mathematics in the elementary school. Emphasis will be made on how to transfer theory into practice through the development of instructional planning for the integrated study of major concepts, procedures, and reasoning processes of mathematics that define number systems and number sense, geometry, measurement, statistics and probability, and algebra and other related areas appropriate for the elementary classroom.

**EDUC 324 Teaching Elementary Science** 2 hours

Prerequisites: EDUC 317, 318, 319; BIOL 101/103 or 102/104; and PHSC 210 or PHYS 101/103; admission to Educator Preparation Program

An analysis of trends and practices of teaching science in the elementary school. Emphasis will be made on how to transfer theory into practice through the development of instructional planning for fundamental concepts in science – including physical, life, and earth and space sciences and other related areas appropriate for the elementary classroom.

**EDUC 360 Foundations of Education** 2 hours

Prerequisites: PHIL 201 and EDUC 240; admission to Educator Preparation Program

A comprehensive survey of the historical, philosophical, psychological, and sociological foundations of American education. Emphasis is placed upon the educational foundations as found in the Scriptures, and the applicability of these to both the Christian School Movement and the public school system. Students will be expected to articulate their personal philosophy of education as a result of this course.

**EDUC 410 Elementary School Curriculum** 2 hours

Prerequisite: EDUC 317, 318, 319, 323; to be taken concurrently with EDUC 411; admission to Educator Preparation Program

Recommendations are presented for curriculum for elementary grades based on major concepts, principles, theories and research related to child development to construct learning opportunities that support individual students' development, acquisition of knowledge, and motivation. Planning and evaluating appropriate experiences and materials that nurture and challenge children as they progress through their stages of development are provided through practical activities. Current trends and how they affect the curriculum are also addressed.

**EDUC 411 Elementary School Curriculum Practicum** 1 hour

Prerequisite: EDUC 317, 318, 319, 323; to be taken concurrently with EDUC 410; admission to Educator Preparation Program

Candidates will participate in a field practicum to experience the relationship between the planning of curriculum and the implementation of instruction. Emphasis is given to integrating the fine arts and/or other non core areas into the curriculum and using the arts to enhance instruction within the core subject areas. Field experience required.

**EDUC 412 Middle School Curriculum and Instruction** 2 hours

(Offered fall semester only)

Prerequisite: Admission to Educator Preparation Program. EDUC 317, 318, 319, 322, 323, 324

This course is a study of the historical development and philosophical base of the middle school. It will emphasize the unique characteristics of the emerging adolescent and the prescriptive school concepts that will meet those needs. Field experience required.

**EDUC 415 Diagnostic Measurement and Evaluation** 2 hours

Prerequisite: Admission to Educator Preparation Program. EDUC 317, 318, 319, 323; to be taken concurrently with EDUC 416

A diagnostic-prescriptive approach to classroom teaching is presented in this course. The teacher candidate is trained in diagnostic testing techniques and procedures, the administration and interpretation of standardized tests, and the construction of classroom tests.

**EDUC 416 Diagnostic Measurement and Evaluation Practicum** 1 hour

Prerequisites: Admission to Educator Preparation Program. EDUC 317, 318, 319, 323, to be taken concurrently with EDUC 415

Teacher candidates will be assigned to tutor elementary students in the Tutoring Club for individual diagnosis and appropriate instruction for diverse learners. Field experience required.

**EDUC 419 Content Teaching Methods** 2 hours

(Offered fall semester only)

Admission to Educator Preparation Program; EDUC 235/236

Secondary Teaching Methods is a generic course. Teacher candidates will be expected to meet competencies associated with effective teaching in their content area especially teaching skills related to questioning techniques, individualized instruction, grouping students for cognitive subject-matter learning, and preparing advanced organizers for cognitive instruction. Emphasis will be placed on methods which provide instruction in thinking and writing across the curriculum.

**EDUC 420 Content Teaching Methods Practicum** 1 hour

(Offered fall semester only)

Prerequisite: Admission to Educator Preparation Program; EDUC 235/236; to be taken concurrently with EDUC 419

Teacher candidates will be required to prepare a unit, teach in a secondary classroom setting, and evaluate the experience. Field experience required.

**EDUC 425 Content Measurement and Evaluation** 3 hours

Admission to Educator Preparation Program; EDUC 235/236

This course is designed to acquaint teacher candidates with the basic principles and practices of student assessment through the use of standardized tests and teacher-made tests. Simple statistical treatments of both types of tests are included. Evaluation of instructional objectives is also stressed.

**EDUC 435 Content Curriculum Fundamentals** 2 hours

Admission to Educator Preparation Program; EDUC 235/236; to be taken concurrently with EDUC 436

Curriculum defines the motivation for programs and instruction used in teaching. Content curriculum focuses on those trends and principles which span academic areas and which cross grade levels. Attention will be given to special and alternative education to federal, state and local guidelines; and to the influence of educational philosophies on programs and instruction.

**EDUC 436 Content Curriculum Fundamentals Practicum** 1 hour

Prerequisite: Admission to Educator Preparation Program; EDUC 235/236; to be taken concurrently with EDUC 435

Experiences in demonstrating and evaluating content teaching episodes including the use of appropriate materials and classroom management. Field experience required.

**EDUC 475 Seminar in Classroom Management** 2 hours

Prerequisite: Admission to Student Teaching

Student teachers will apply principles of classroom management from reading assignments and group discussion to actual practice in a preK-12 classroom setting appropriate to the endorsement area of the teacher candidate.

**EDUC 476 Student Teaching I** 5 hours

Prerequisite: Admission to Student Teaching

Student teaching offers practice in all phases of teacher responsibility including teaching activities in a preK-12 classroom setting appropriate to the endorsement area of the teacher candidate.

**EDUC 477 Student Teaching II** 5 hours

Prerequisite: Admission to Student Teaching

A continuation of student teaching in a preK-12 classroom setting appropriate to the endorsement area of the teacher candidate.

**EDUC 495 Directed Research** 1 to 3 hours

To be planned (with the instructor) on an individual basis to include research, special activities, and conferences. May be repeated for credit to a maximum of 3 semester hours.

**EDUC 497 Special Topics in Education** 1 to 3 hours**ELECTRICAL****ELTC 101 Foundations of Electricity** 4 hours

Co/Prerequisite: CRFT 101

Foundations of Electricity is a practical course combining lecture and hands-on instruction. Topics include: Orientation to the Electrical Trade; Electrical Safety; Introduction to Electrical Circuits; Electrical Theory; Introduction to the National Electric Code; Device Boxes; Hand Bending; Raceways and Fittings; Conductors and Cables; Basic Electrical Construction Drawings; Residential Electrical Services; Electrical Test Equipment.

**ELTC 201 Intermediate Electricity** 4 hours

Prerequisite: ELTC 101

Intermediate Electricity is a practical course combining lecture and hands-on instruction. Topics include: Alternating Current; Motors: Theory and Application; Electric Lighting; Conduit Bending; Pull and Junction Boxes; Conductor Installations; Cable Tray; Conductor Terminations and Splices; Grounding and Bonding; Circuit Breakers and Fuses; Control Systems and Fundamental Concepts.

**ELTC 301 Advanced Electricity** 4 hours

Prerequisite: ELTC 201

Advanced Electricity is a practical course combining lecture and hands-on instruction. Topics include: Load Calculations-Branch and Feeder Circuits; Conductor Selection and Calculations; Practical Applications of Lighting; Hazardous Locations; Overcurrent Protection; Distribution Equipment; Transformers; Commercial Electrical Services; Motor Calculations; Voice, Data, and Video; Motor Controls.

**ELTC 401 Special Topics in Electricity** 4 hours

Prerequisite: ELTC 301

Special Topics in Electricity is a practical course combining lecture and hands-on instruction. Topics include: Load Calculations-Feeders and Services; Health Care Facilities; Standby and Emergency Systems; Basic Electronic Theory; Fire Alarm Systems; Specialty Transformers; Advanced Controls; HVAC Controls; Heat Tracing and Freeze Protection; Motor Operations and Maintenance; Medium-Voltage Terminations/Splices; Special Locations; Introductory Skills for the Crew Leader.

**COMPUTER ENGINEERING****ENG 299 Internship** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Professional-supervised experience in first-hand internship opportunities. Application procedures processed through the Career Center. Must apply semester prior to internship.

**ENG 301 Introduction to Microprocessors** 3 hours

Prerequisite: CSCI 215 and MATH 250; minimum grade of "C"

Application of the principles introduced in ENGE 201. Topics include digital and logic application to microcontroller function and use, assembly language programming and hardware interface design.

**ENG 361 Computer Architecture** 3 hours

Prerequisites: ENGE 321 and ENGE 201 and CSCI 111; minimum grade of "C"

Introduction to architecture and organization of computer systems. Topics include data and instruction representation, arithmetic and logical operations, processor and memory implementations, memory hierarchy (cache, main memory and secondary memory), simple pipelines and hardware applications of OS functions.

**ENG 401 Micro Computer Design** 3 hours

Prerequisite: ENG 301 with a minimum grade of "C"

Topics presented in ENG 301 are applied to advanced circuits with an emphasis on the principles and techniques used in 8 and 16 bit microcontroller function, use and design.

**ENG 465 Introduction to Computer Networks** 3 hours

Prerequisite: ENGE 341; minimum grade of "C"

Emphasis is placed on network transport services and key protocols to include TCP, IP, and UDP. Topics include application of network design and implementation of robust performance based computer networks, and an introduction to wireless and mobile networks. (Elective)

**ENG 497 Special Topics in Computer Engineering** 3 hours

Prerequisite: Permission of instructor.

Selected topics in various areas of Computer Engineering. May be repeated for credit when topic varies.

**ENG 499 Computer Engineering Internship** 3 hours

Prerequisite: Major in computer engineering, permission of the instructor.

Placement in a computer or related organization for a controlled learning experience within the student's career specialization area. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**ELECTRICAL ENGINEERING****ENGE 201 Introduction to Logic Design** 3 hours

Prerequisite: MATH 121 or MATH 128 (may be taken concurrently); minimum grade of "C"

Introduction to combinational logic design, boolean algebra, logic minimization, and Karnaugh maps with an emphasis on applying topics presented to design of registers, counters and finite state machines using CPLD's.

**ENGE 211 Introduction to Electrical Circuits** 4 hours

Prerequisites: ENGR 110 and MATH 131 or ENGR 131; minimum grade of "C"

Introduction to circuit elements. Topics include resistors, independent sources, capacitors, inductors, equivalent networks, and an introduction to basic techniques used in DC circuit analysis. Laboratory exercises will focus on building, measuring and calculating the response of DC circuits and transient analysis of R, L, and C components.

**ENGE 212 AC Circuit Analysis** 4 hours  
 Prerequisites: ENGE 211 and MATH 132; minimum grade of “C”  
 Introduction to AC analysis and phasors and the application of techniques from ENGE 211 to AC circuits. Topics include analysis of AC steady state circuits, magnetically coupled circuits, power, equivalent circuits, controlled sources and advanced circuit analysis.

**ENGE 299 Internship** 0 hours  
 Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
 Placement in an electrical engineering or related organization for a controlled learning experience within the student’s career specialization area. Application procedures processed through the Career Center. Must apply semester prior to internship.

**ENGE 311 Signals and Systems** 3 hours  
 Prerequisites: ENGE 212 and MATH 221 or MATH 321; minimum grade of “C”  
 Analysis techniques for system and signal modeling using numerical analysis software. Topics include introduction to convolution, Fourier series, Fourier transforms, Laplace transforms with application to determine system response, filters, sampling, linearity, time invariance and stability.

**ENGE 321 Electronics** 4 hours  
 Prerequisite: ENGE 212; minimum grade of “C”  
 Introduction to electronic devices including diodes, transistors and operational amplifiers and their applications in electrical circuits.

**ENGE 331 Electromagnetic Fields** 4 hours  
 Prerequisites: ENGE 212 and MATH 334; minimum grade of “C”  
 Fundamentals of electromagnetic theory and modern transmission systems. Maxwell’s equations are formulated and applied to electromagnetic problems including plane-wave propagation, reflection and transmission at discontinuous boundaries and basic transmission line theory.

**ENGE 341 Communications Systems** 3 hours  
 Prerequisites: ENGE 311, ENGR 210 and MATH 231; minimum grade of “C”  
 Analysis and design of communication systems and transmission of information over various medium. Topics include modulation, sampled signals, conversion (ADC and DAC), random processes and noise.

**ENGE 351 Power Systems** 3 hours  
 Prerequisite: ENGE 321; minimum grade of “C”  
 Basic concepts of AC systems. Topics include single-phase and three-phase networks, electric power generation, transformers, transmission lines, electric machinery and the use of power.

**ENGE 421 Advanced Electronics** 3 hours  
 Prerequisite: ENGE 311, ENGR 210 and MATH 231; minimum grade of “C”  
 Application of advanced design methods used to achieve gain and bandwidth specifications in amplifiers. Topics include use of feedback techniques, and design specifications of operational amplifiers.

**ENGE 431 Electromagnetic Compatibility** 3 hours  
 Prerequisite: ENGE 331; minimum grade of “C”  
 Introduction to the Electromagnetic fields of passive components and Electromagnetic compatibility regulations and measurements. Topics include radiated signals, electromagnetic waves, transmission lines, conducted emissions, radiated emissions, electromagnetic shielding and grounding, and Electrostatic discharge. (Elective)

**ENGE 497 Special Topics in Electrical Engineering** 3 hours  
 Prerequisite: Permission of instructor.  
 Selected topics in various areas of Electrical Engineering. May be repeated for credit when topic varies.

**ENGE 499 Electrical Engineering Internship** 3 hours  
 Prerequisites: Major in electrical engineering, permission of the instructor.  
 Placement in an electrical engineering or related organization for a controlled learning experience within the student’s career specialization area. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**INDUSTRIAL AND SYSTEMS ENGINEERING**

**ENGI 220 Engineering Economy** 3 hours  
 Prerequisite: MATH 126, MATH 131, or ENGR 131; minimum grade of “C”  
 Introduction to the principles of time value of money, analysis of investments, break-even concepts, risk analysis, alternatives analysis, tax implications, certainty and uncertainty.

**ENGI 230 Production Systems** 3 hours  
 Prerequisite: ENGR 110 and CSCI 111; minimum grade of “C”  
 Introduction to manufacturing and production processes. Topics include production process as a human/machine system, planning, organizing, designing, and operating production systems.

**ENGI 299 Internship** 0 hours  
 Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
 Placement in a manufacturing plant, hospital, library, police department, or similar location, or related organization for a controlled learning experience within the student’s career specialization area. Application procedures processed through the Career Center. Must apply semester prior to internship.

**ENGI 300 Enterprise Forecasting** 3 hours  
 Prerequisites: MATH 121 and 201 or ENGR 210; minimum grade of “C”  
 Advanced forecasting and data modeling methods and techniques.

**ENGI 305 Data Analysis Methods and Modeling** 3 hours  
 Prerequisite: ENGR 210; minimum grade of “C”  
 Revealing business and economic patterns and information hidden in data by transforming data using algebraic and statistical methods.

**ENGI 330 Facilities Design** 3 hours  
 Prerequisite: ENGI 230; minimum grade of “C”  
 Introduction to the design, analysis and selection of manufacturing facilities and material handling equipment. Topics include integration of computer systems, material flow and storage, and economic implications.

**ENGI 340 Introduction to Operations Research: Deterministic Models** 3 hours  
 Prerequisites: CSCI 111 and MATH 221\* or MATH 321\*;  
 (\*can be taken concurrently with Instructor approval)  
 Introduction to basic principles and application of deterministic analytical methods. Topics include linear programming, integer programming, dynamic programming and nonlinear optimization.

**ENGI 350 Introduction to Operations Research: Probabilistic Models** 3 hours  
 Prerequisite: ENGI 340, ENGR 210 and CSCI 111; minimum grade of “C”  
 Introduction to decision-making modeling and analysis subject to randomness, uncertainty, and risk. Topics include stochastic dynamic programming, Markov chains, and queuing theory.

**ENGI 360 Engineering Information Systems** 3 hours  
 Prerequisite: ENGR 110 or CSCI 110; minimum grade of “C”  
 Introduction to information systems used in the analysis, design, and management of complex engineering projects. Topics



include identifying potential data anomalies and methods for ameliorating these problems.

**ENGI 420 *Advanced Data Analysis Methods and Modeling*** 3 hours

Prerequisite: ENGI 305; minimum grade of “C”

The methods studied in the prerequisite courses are combined into hybrid models of business and enterprise that not only yield operational efficiencies but provide the information necessary for an enterprise to become and remain the leader in its field.

**ENGI 430 *Decision Analysis*** 3 hours

Prerequisite: CSCI 111 and ENGR 210; minimum grade of “C”

A first course in decision analysis that extends the domain of decision-making problems from those considered in traditional statistical hypothesis testing scenarios: modeling decisions, where the emphasis is on structuring decision problems using techniques such as influence diagrams and decision trees, modeling uncertainty, which covers subjective probability assessment, use of classical probability models, Bayesian analysis, and value of information, and modeling preferences, which introduces concepts of risk preference, expected utility, and multi-attribute value and utility models.

**ENGI 450 *Human Factors and Ergonomics*** 3 hours

Prerequisite: ENGI 330; minimum grade of “C”

Human biological and psychological capabilities and limitations in the industrial setting. Topics include techniques and methods for applying the principles of human factors engineering and ergonomics to systems design.

**ENGI 460 *Digital Simulation*** 3 hours

Prerequisites: MATH 334, minimum grade of “C”, and computer programming skills

Introduction to the structure, logic and methodologies of systems simulation. Topics include the generation of random numbers, simulation languages, and simulation models and analysis.

**ENGI 497 *Special Topics in Industrial and Systems Engineering*** 1-4 hours

Prerequisite: Permission of instructor.

Selected topics in various areas of Industrial and Systems Engineering. May be repeated for credit when topic varies.

**ENGI 499 *ISE Internship*** 1-4 hours

Prerequisite: Major in Industrial and Systems Engineering, permission of the instructor, and Junior or Senior status.

Placement in a manufacturing plant, hospital, library, police department, or similar location or related organization for a controlled learning experience within the student’s career specialization area. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**ENGLISH**

**ENGL 100 *Basic Composition*** 3 hours

Prerequisite: CLST 113

This course focuses on proficiency in grammar, paragraph development, writing basic essays, and the writing process in general. A minimum of three paragraphs and three essays will be required. English 100 does not meet the general education requirements in English but does offer three elective credits.

**ENGL 101 *Composition and Rhetoric*** 3 hours

Prerequisite: ENGL 100 (minimum grade of “C”) or SAT Writing score of 480 or ACT English score of 19

Through the critical engagement of a variety of texts, including written, oral, and visual, this course prepares students to become careful readers, critical thinkers, and skilled writers. Drawing upon rhetorical theory, it emphasizes the practices of analytical reading, informed reasoning, effective writing, and

sound argumentation. The course requires 4,000 words of writing in no fewer than five writing projects, three of which are argumentative essays incorporating external sources.

**ENGL 102 *Composition and Literature*** 3 hours

Prerequisite: ENGL 101

Continues the emphasis on writing. Two analytical papers—based upon studies of the short story, poetry and drama—and a literary research paper, sequentially developed, are required.

**ENGL 103 *Technical Communication for the Professions*** 3 hours

Technical communication refers to all communication done on the job, and this course has been designed for those individuals who seek an associate’s degree and wish to communicate effectively in their chosen professional field. The instructor will focus on on-the-job communication, including written documents such as résumés and cover letters to get job interviews.

**ENGL 201 *American Literature I*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or MUSC 200, or equivalent

A survey from the early Colonial period through the American Renaissance. Two critical papers are required.

**ENGL 202 *American Literature II*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or MUSC 200, or equivalent

A survey of American literature following the American Renaissance. Two critical papers are required.

**ENGL 215 *English Literature I*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or MUSC 200, or equivalent

A survey of English literature from its beginning to 1660. Two critical papers are required.

**ENGL 216 *English Literature II*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or MUSC 200, or equivalent

A survey of English Literature from 1660 to the present. Two critical papers are required.

**ENGL 221 *World Literature I*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or MUSC 200, or equivalent

A survey of Western Literature from the beginnings through the Renaissance period. Two critical papers are required.

**ENGL 222 *World Literature II*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or MUSC 200, or equivalent

A survey of Western literature from the Neo-classical period through the present. Two critical papers are required.

**ENGL 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Professional-supervised experience in first-hand internship opportunities. Application procedures processed through the Career Center. Must apply semester prior to internship.

**ENGL 301 *Literary History: Ancient*** 3 hours

A study of selected masterpieces from ancient times to the Renaissance. Research Paper is required.

**ENGL 302 *Literary History: Modern*** 3 hours

A study of selected masterpieces from the Renaissance to the present. Research Paper is required.

**ENGL 304 *Period*** 3 hours

A study of the works of a major period of British or American Literature. Reading intensive.

**ENGL 305 *Genre*** 3 hours

A study of one of the major literary genres—novel, epic, poetry, drama, or essay—investigating its characteristic features and tracing its development over time. Reading intensive.

**ENGL 306 *Diversity*** 3 hours  
 A study of the literature of a minority culture—Jewish, African American, Latino, for example. Reading intensive.

**ENGL 307 *Expository Writing*** 3 hours  
 An introduction to Expository writing, with particular attention paid to structure, form, audience, and tone. Reading intensive.

**ENGL 308 *Author*** 3 hours  
 A study of the works and contexts of a major Author. Reading intensive.

**NOTE: Prerequisites for all further English courses include ENGL 101, 102 and the general education course in literature.**

**ENGL 310 *Children’s Literature*** 3 hours  
 A critical interpretation of literature for children and young adults. Research paper required.

**ENGL 320 *Adolescent Literature*** 3 hours  
 This course examines a broad range of young adult literature, both classical and contemporary, with an appeal to a diverse audience, including most adolescents and many adults. The focus is on analyzing works of adolescent literature and acquainting students with critical resources important to the scholar. Research paper required.

**ENGL 322 *Shakespeare*** 3 hours  
 A study of the principal plays of Shakespeare read in the light of the dramatic and literary background of his time. Research paper required.

**ENGL 333 *Modern Grammar*** 3 hours  
 A course emphasizing the nature, structure and modifications of the English language with emphasis upon traditional, structural and generative-transformational grammars.

**ENGL 364 *History of the English Language*** 3 hours  
 The pronunciation, grammar and vocabulary of the English language in terms of its historical development are emphasized.

**ENGL 382 *Eighteenth Century English Literature*** 3 hours  
 A study of the major poets and prose of the 18th century in the context of pertinent biographical and historical details. Research paper required.

**ENGL 405 *Literature of the Bible*** 3 hours  
 An examination of the literature and literary theory of the English Bible, based upon analysis and explication of selected passages. Special consideration is given to such topics as literal meaning, metaphor as meaning, and the rhetorical dimensions of various modes of discourse as they occur in Scripture. Research paper required.

**ENGL 406 *Literature of the Civil War*** 3 hours  
 This seminar focuses on a survey of newspapers, novels, poems, religious tracts, and short stories, which were written either during or about the time of the Civil War. Research paper required.

**ENGL 412 *Author*** 3 hours  
 A Seminar in the works and contexts of a major Author. Writing intensive.

**ENGL 413 *Period*** 3 hours  
 A Seminar in the works of a major period of British or American Literature. Writing intensive.

**ENGL 414 *Genre*** 3 hours  
 A Seminar in one of the major literary genres – novel, epic, poetry, drama, essay, and so on – investigating its characteristic features and tracing its development over time. Writing intensive.

**ENGL 415 *Diversity: Advanced World Literature*** 3 hours  
 A Seminar in the literature of a minority culture – Jewish, African American, Latino, or Women, for example. Writing intensive.

**ENGL 416 *Writing*** 3 hours  
 Practice in a variety of literary forms – fiction, poetry, creative, non-fiction, expository – with an emphasis on the development of tone and style. Writing intensive.

**ENGL 419 *Methods and Materials in the Teaching of English*** 2 hours  
 Prerequisite: Admission to Educator Preparation Program  
 A study of methods, theories, and activities for teaching language, composition and literature in middle and secondary school English. Must be taken before student teaching. May not be counted toward the English major.

**ENGL 420 *Secondary Methods Teaching Practicum*** 1 hour  
 Prerequisite: To be taken concurrently with ENGL 419  
 At least 20 hours of reflective classroom observation at the middle or secondary school level and the teaching of two to three consecutive lessons.

**ENGL 433 *Literary Criticism*** 3 hours  
 A study of the major philosophies and theories, both historical and contemporary, with attention also given to understanding the various views of literary theory and to the student’s development of his own defensible literary theory. Research paper required.

**ENGL 442 *Musical Theatre*** 3 hours  
 This course is a survey of the history of musical theatre, beginning with Vaudeville and continuing through to the contemporary stage, with special emphasis given not only to the text but to the performance aspect of the libretto as well.

**ENGL 460 *Christian Literature*** 3 hours  
 This is a survey of literary works representing 2,000 years of Christian history. The course covers a broadly defined range of literature that either serves or is shaped by the Christian worldview. The survey begins with the patristic writers of the early church, then turns to the medieval mystics, the reformers, neoclassicists, romantics and moderns, and ends with the dawn of the postmodern period. In addition, the course will include supplemental reading that will assist students in developing a distinctly Christian poetic and aesthetic: a biblical approach to reading, writing, and appreciating literature and all forms of art. Research paper required.

**ENGL 462 *Religious Issues in Dramatic Literature*** 3 hours  
 This course examines dramatic literature from the classical Greek plays to contemporary dramas, with special attention given to religious criticism. Research paper required.

**ENGL 491 *Senior Capstone*** 3 hours  
 This course is a senior level capstone seminar results in a project that integrates three of the five course types of the English major: Genre, Author, Period, Diversity and Writing. Additionally, this course will focus on Christian worldview approaches, vocational opportunities, and assessment.

**ENGL 495 *Directed Research*** 1 to 3 hours  
 Prerequisite: Junior or senior status students who qualify will pursue studies of a particular interest as approved and supervised by the instructor.

**ENGL 497 *Special Topics in English*** 1 to 3 hours

**ENGL 499 *English Internship*** 1 to 6 hours  
 Prerequisite: Junior or Senior status  
 Professorial-supervised experience in first-hand internship opportunities: writing, editing, researching and comparable duties. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**MECHANICAL ENGINEERING**

**ENGM 305 Instrumentation and Measurements** 3 hours  
(2 hr lecture; 1 hr lab)

Prerequisites: MATH 132, PHYS 231

This course will cover various processes for measurement and reporting, including: data acquisition, statistical analysis, calibration and uncertainty, and data reduction. Instrumentation includes oscilloscopes and transducers for measuring: velocity, acceleration, pressure, flow, temperature, and strain.

**ENGM 310 Materials Engineering** 3 hours

Prerequisites: ENGR 110, CHEM 121

This course provides an introduction to different types of materials used in engineering designs: metals, ceramics, plastics, and composites, relationship between structure (crystals and microstructure) and properties of technological materials. Emphasis on processing, structure, properties, performance relationships that lead to the development of materials for society's needs.

**ENGM 325 Thermal Fluids Design Lab** 2 hours  
(1 hr lecture; 1 hr lab)

Prerequisites: PHYS 320, ENGR 315

Study and design of energy systems and thermo-fluids, including: fluid flow, heat transfer, power generation, refrigeration, energy, wind tunnel, vibrations, pumps, lift, drag, boundary layer, and combustion.

**ENGM 345 Material and Manufacturing Processing** 4 hours  
(2 hr lecture; 2 hr lab)

Prerequisite: PHYS 232, ENGM 310

The study and analysis of manufacturing materials and design processes. Exploration will include all facets of design consideration: material selection (specifically, material properties and use of metals, plastics, ceramics, composites, plastics and polymers); manufacturing processes and methods (e.g., machining, casting, joining, heat treating); testing, tolerance, safety, environment, quality, reliability and phase diagrams. Additionally, topics will cover conditions such as deformation, fatigue, and corrosion.

**ENGM 355 Design of Machine Components** 3 hours  
Prerequisite: ENGR 330

The analysis and design of machine components, including: springs, shafts, bearings, gears, rivets, bearings, materials (load, stress, strain, deflection, deformation, fatigue, failure analysis), safety, reliability, and finite element analysis.

**GENERAL ENGINEERING**

**ENGR 110 Introduction to Engineering and Problem Solving** 3 hours

Prerequisite: MATH 128 (may be taken concurrently); minimum grade of "C"

Introduction to discipline of Engineering and the use of programming languages to solve engineering problems.

**ENGR 131 Calculus for Engineers** 4 hours

Prerequisites: MATH 128, minimum grade of "C" or ACT Math 27 or SAT Mathematics 600; ENGR/CSCI 110 minimum grade of "C" or as co-requisite

Functions and graphs, exponential, logarithmic, inverse trigonometric, limits, the derivative, techniques of differential, continuity, applications of differentiation, L'Hopital's Rule, the integral. Emphasis on engineering applications. Preview of differential equations, numerical methods and partial differentiation. (This course is intended for Engineering, Computer Science or Internet Technology majors only. ENGR 133 is required for computer science and engineering major or minors).

**ENGR 133 Calculus with MATLAB** 1 hour

Prerequisites: Concurrent enrollment in ENGR 131 or credit for ENGR 131

This course is intended to be an introductory MATLAB Lab in which the topics of arithmetic, algebra, plotting, preparation of m-files, limits, derivatives, related rates, optimization, integration, and other engineering-related topics will be investigated. (This course is intended for Engineering, Computer Science or Internet Technology majors only.)

**ENGR 210 Probability and Statistical Methods for Engineering** 3 hours

Prerequisite: ENGR 131 or MATH 131 and ENGR 110 or CSCI 110; minimum grade of "C"

Introduction to applied probability and the principles and methodologies of statistical inference. Topics include methods of data analysis, point and interval estimation; test of hypotheses, correlation, regression and an introduction to analysis of variance methods.

**ENGR 213 Mechatronics** 4 hours  
(2 hr lecture; 2 hr lab)

Prerequisites: ENGR 110, ENGR 131

This course will explore common applications of diodes and transistors, as well as concepts and applications of digital systems (including micro-processor based systems).

**ENGR 235 Statics** 3 hours

Prerequisite: PHYS 231

A study of 2D and 3D force systems, equilibrium, structures, distributed forces, shear and bending moment diagrams, friction, and area moments of inertia. Emphasis is on free-body diagrams.

**ENGR 240 Dynamics** 3 hours  
Prerequisite: ENGR 235

A study of force action related to displacement, velocity and acceleration of particles and rigid bodies using translation and rotation, work and energy and impulse and momentum principles.

**ENGR 270 Technical Communication** 3 hours

Prerequisite: ENGL 102

This course will teach students how to write documents representing the three main types of technical writing: operational (instructional), promotional (argumentative and analytical), and reportorial (expository, informational and analytical). Students will also evaluate and edit documents belonging to these categories by examining how well these documents serve their purpose for particular audiences in different cultural and social contexts. Students will study and practice communicating ideas competently in diverse public and private speaking venues.

**ENGR 277 Engineering Ethical and Legal Issues** 3 hours  
Prerequisite: BWVW 102

Introduction to the ethical and legal issues encountered during the development of engineering projects from a Christian perspective. Topics include copyrights, patents, contracts, environmental responsibility, personnel management, and professionalism. (Formerly ENGR 377)

**ENGR 315 Fluid Dynamics** 3 hours  
Prerequisites: MATH 231, ENGR 240

An in-depth study of compressible and incompressible flow, boundary layer, sub- and super-sonic flow, lift and drag forces, Archimedes principle, conservation of mass, momentum, and energy. Topics will also include flow measurement; fluid properties; fluid statics; energy, impulse, and momentum equations; pipe and other internal flow. Study will also cover fluid machines - incompressible (e.g., turbines, pumps, hydraulic motors); operating characteristics (e.g., fan laws, performance curves, efficiencies, work/power equations).

- ENGR 330 *Mechanics of Materials*** 3 hours  
 Prerequisite: ENGR 235  
 The study of stress and strain in structures caused by the application of forces and moments. An understanding of strength and materials is a prerequisite for studying machine design and engineering structural design.
- ENGR 360 *Heat Transfer*** 4 hours  
 (2 hr lecture; 2 hr lab)  
 Prerequisites: MATH 334, PHYS 320  
 Analysis, design and laboratory exercises involving the application of conduction, convection and radiation heat transfer principles.
- ENGR 365 *Dynamic Modeling of Systems*** 3 hours  
 Prerequisites: MATH 334, ENGR 240, ENGR 213  
 Dynamic modeling of physical and energy systems, mechanical and electrical machines & circuits, including: types of mechanical systems (e.g., hydraulic, pneumatic), time & frequency analysis, resonance, state variables, domain, root locus, loop, Bode Automatic controls of systems and machines, vibrations theory, mechanical vibrations, kinematics, Rayleigh, impedance, modal, dynamic loading, natural & forced motions, kinematics and dynamics.
- ENGR 370 *Quality Assurance*** 3 hours  
 Prerequisite: ENGR 210; minimum grade of “C”  
 Introduction to the principles involved in designing statistical quality control systems. Topics include probability concepts, density and distribution functions, control chart concepts and sampling inspection plans.
- ENGR 381 *Engineering Design Introduction*** 3 hours  
 Prerequisite: Chair approval, Junior Status and MATH 334; minimum grade of “C”  
 Introduction to the design process. Topics include system engineering, team dynamics, design specifications, conceptual design, scheduling, developing a business plan, market survey, and budgeting.
- ENGR 385 *Thermodynamics II*** 4 hours  
 (2 hr lecture; 2 hr lab)  
 Prerequisite: ENGR 360  
 In-depth study covering energy systems, refrigeration, compressible flow, mixtures and solutions, ideal and real gases, reversibility/irreversibility, thermodynamic equilibrium, psychrometrics, cogeneration and regeneration/reheat; cycles; heating and cooling loads (e.g., degree day data, sensible heat, latent heat); coefficient of performance and energy storages. Topics will also include performance of components (e.g., compressors, condensers, evaporators, expansion valves), cycles and processes (e.g., Otto, Diesel, Brayton, Rankine), combustion and combustion products.
- ENGR 481 *Engineering Design I*** 3 hours  
 Prerequisite: ENGR 381; minimum grade of “C”  
 The second course in the design sequence of formal design courses that emphasizes the design process. Student teams carry a project from inception to completion to satisfy the need of a client. In addition to technical design, factors such as safety, economics, and ethical and societal implications are considered.
- ENGR 482 *Engineering Design II*** 3 hours  
 Prerequisite: ENGR 481; minimum grade of “C”  
 The third course in the design sequence where the student is exposed to engineering design and development. Design process culminates in prototype development, gathering performance data and presenting a final design briefing to peers and department faculty.

- ENGR 495 *Directed Research*** 1-6 hours  
 Prerequisite: Written permission of the chairman of the department in area of concentration and consent of instructor  
 Research-oriented project or an independently completed course of study in a specially designed area as approved and supervised by the instructor. May be repeated for up to 6 credits or as approved by the department chair.

**ENVIRONMENTAL SCIENCE**

- ENVR 215 *Principles of Environmental Science*** 3 hours  
 Prerequisites: ACT Composite 20 or MATH 115 or SAT Mathematics 500  
 This course surveys the principle components of ecosystems and the structure and dynamics of populations and communities. These principles are then integrated and applied to environmental issues including: biological and sociological impacts of human population growth; use and management of natural resources; sources and regulation of pollution; and biological and economic aspects of conservation.
- ENVR 220 *Physical Geology*** 3 hours  
 An introduction to the materials and processes of the geosphere. Topics include: minerals; rocks; and geological resources; surficial features and processes; natural hazards; plate tectonics; fossils; hydrology; and soils.
- ENVR 221 *Physical Geology Laboratory*** 1 hour  
 (3 hours laboratory)  
 A hands-on investigation of geological materials, features, and processes. Emphasis is placed on techniques to identify rock and mineral samples, utilize topographic and geologic maps, identify and interpret geological structures, and measure rates in geological settings (e.g., plate motion, erosion, and water flow). Includes local field trip(s).
- ENVR 350 *Environmental Science and Policy*** 3 hours  
 Prerequisite: BIOL 225 or 317 or ENVR 215 or 320 with a grade of “C” or better or permission of the instructor  
 This course will investigate the scientific and policy-based aspects of several controversial environmental issues as well as their impacts on businesses and private citizens. It will present multiple perspectives for each issue and will take a debate-style format that stimulates student interest and develops critical thinking skills. Readings and discussions will focus on the interplay between scientific results and the policies proceeding from them including the appropriateness of such policies.
- ENVR 370 *Geographic Information Systems (GIS)*** 3 hours  
 Prerequisites: PHSC 210/211 or ENVR 220/221  
 This course is designed to provide practical experience in spatial database design and analysis using Geographical Information System (GIS) as applied primarily to the environmental sciences. Topics include: the history of GIS; GIS data structures and sources of data; GIS tools; software applications; and resources. Exercises include: spatial data display and query; map generation; and simple spatial analysis using ArcGIS software.

**EAGLE SCHOLARS LEADERSHIP**

- ESLP 101 *Introduction to Leadership*** 1 hour  
 Prerequisite: Membership in the Eagle Scholars Leadership Program  
 This course is part one in a course sequence initiated for the Eagle Scholars program. The course focuses on introduction to leadership skills, attitudes, and practices, particularly connecting with others within a university context.

**ESLP 102 *Self-Leadership Development*** 1 hour

This course is part two in a course sequence initiated for the Eagle Scholars program. The course focuses on developing self-leadership skills, attitudes and practices, particularly within the university context.

**ESLP 201 *The Art and Science of Leading Others*** 1 hour

This course is part three in a course sequence initiated for the Eagle Scholars program. The course focuses on continued development in understanding leadership thinking, practices and identity. Special emphasis is placed on Biblical perspectives in leadership.

**ESLP 202 *The Art and Science of Changing Culture*** 1 hour

This course is part four in a course sequence initiated for the Eagle Scholars program. The course focuses on continued development in understanding leadership thinking, practices and identify. Special emphasis is placed on biblical perspectives in leadership and assessing cultural and community needs and creating effective solutions.

**ENGLISH AS A SECOND LANGUAGE**

**ESOL 080 *English as a Second Language for Intermediates: Grammar and Writing*** 3 hours

A course for learners of English who place as **high beginners or as intermediates in the ESL** placement batteries. The course involves work in all 4 language skills: reading, writing, listening and speaking in English in order to build the student's level of language proficiency. Students who place as intermediates take 3 hours per week, and high beginners take five hours per week. Language lab work is required. ESOL 080 does not meet the General Educational Requirements in English.

**ESOL 090 *English as a Second Language: Grammar and Speech*** 3 hours

Prerequisite: ESOL 080 or ESL Placement Battery results

A course for **high-intermediate or advanced level ESL** students designed to improve oral communication. American English grammar, idioms and pronunciation are studied while the student receives training in both conversational English and in making formal presentations. The language lab is used to supplement pronunciation training.

**ESOL 100 *English as a Second Language: Grammar and Composition*** 3 hours

Prerequisite: ESOL 090 or ESL Placement Battery

This course integrates the study of **advanced level ESL** grammar with written composition. The student responds in writing to a variety of reading selections. The cross-cultural element in ESL writing is also considered. The student must receive at least a C to be eligible for ENGL 101.

**EVANGELISM**

**EVAN 101 *Evangelism and the Christian Life*** 2 or 3 hours

An in-depth study of how to lead people to Christ. Special attention will be given to the theology of all aspects of evangelism including the follow-up. Various methods of approach and presentation will be considered. Emphasis will be placed on evangelism and the local church for conservation of results.

**EXERCISE SCIENCE**

**EXSC 101 *Introduction to Exercise Science*** 1 hour

This course is an overview of the professions in the field of exercise science. Career opportunities within exercise science and allied health will be investigated. Various aspects of careers, determining requirements for advanced study and learning what coursework would be appropriate for the different career paths.

**EXSC 302 *Exercise and Sports Injuries*** 2 hours

Prerequisite: EXSC 310

This course will examine the most common types of injuries that occur in exercise and sport settings. It will include the causes, treatment and prevention of these injuries. (Formerly KINE 302)

**EXSC 310 *Physiology of Exercise*** 3 hours

Prerequisites: BIOL 213/214, 215/216

A study of the effects of exercise on the major systems of the human body including the cardiorespiratory, neuro-muscular, glandular and digestive. Other effects influencing human exercise will be examined, including climate, altitude and ergogenic aids. (Formerly KINE 310)

**EXSC 311 *Analysis of Human Movement*** 3 hours

Prerequisite: EXSC 310

This course is a scientific study of the musculoskeletal anatomy and neuromuscular physiology involved in voluntary movement. The physiological principles applicable to the anatomical structures that produce human movement will be examined. (Formerly KINE 311)

**EXSC 315 *Group Exercise Instruction*** 2 hours

This course will focus on the theoretical knowledge of leadership skills necessary to design, implement, and evaluate safe and effective group exercise programs. Emphasis will be placed on group leadership and group fitness instruction. Observations within the field will be available as well as opportunities to apply introductory concepts of exercise training through practical application. The course materials will also address the various skill sets necessary for entry employment into the health and fitness industry.

**EXSC 320 *Measurement and Evaluation in Health and Kinesiology*** 3 hours

Prerequisite: EXSC 310

This course will consider the basic principles related to measurement and evaluation including the selection, administration and use of tests unique to the field of health and physical education. Special emphasis will be placed on testing procedure. Computer software for statistics will be introduced. (Formerly KINE 320)

**EXSC 340 *Essentials of Strength Training and Conditioning*** 3 hours

Prerequisites: KINE 225, EXSC 310, and Junior status

This course includes the theories, organization, methods, and techniques involved in the teaching and coaching of strength training, physical conditioning, and personal training. (Formerly KINE 340)

**EXSC 350 *Biomechanics*** 3 hours

Prerequisite: EXSC 310, Junior status; to be taken concurrently with EXSC 351

This course provides students with a foundational knowledge of basic mechanical principles and how these can be applied in analyzing movements of the human body. The course uses an integrated balance of qualitative and quantitative examples, applications, and problems designed to illustrate the mechanical principles discussed. (Formerly KINE 350)

**EXSC 351 *Biomechanics Lab*** 1 hour

Prerequisites: EXSC 310 and Junior status; EXSC 350 is required as a co-requisite or prerequisite

This lab course provides students with the application of basic mechanical principles in analyzing movements of the human body. The course uses an integrated balance of qualitative and quantitative applications to illustrate the mechanical principles discussed in EXSC 350, Biomechanics.

**EXSC 410 Applied Exercise Physiology** 3 hours

Prerequisites: Admission to EXSC major; EXSC 310, 320 and Junior status; to be taken concurrently with EXSC 411

This course provides the students with practical experience in implementing different methodologies in the measurement of physiological responses to acute and chronic exercise. Emphasis is placed on the application of the ACSM guidelines and appropriate experimental techniques. The usage of equipment in evaluating changes in body composition and various metabolic, cardiovascular, and respiratory adjustments during exercise in different populations will be included. (Formerly KINE 410)

**EXSC 411 Applied Exercise Physiology Lab** 1 hour

Prerequisites: Admission to EXSC major; EXSC 310, 320 and Junior status; EXSC 410 is required as a co-requisite or prerequisite

This course is designed for students in the Exercise Science major to gain proficiency in exercise testing and interpretation as it relates to the various physiological systems and components. (Formerly KINE 411)

**EXSC 421 Practicum** 1 hour

Prerequisites: Admission to EXSC major; EXSC 310 and Senior status

This course is designed for students in the Exercise Science major to gain exposure to various fitness/health settings. The student must choose two of the following areas: strength and conditioning, personal training, or clinical rehabilitation. The student must complete 15 observational hours in each of the two chosen areas, for a total of 30 hours. (Formerly KINE 421)

**EXSC 433 Exercise Prescription for Special Populations** 3 hours

Prerequisite: Admission to EXSC major; EXSC 310 and Junior status

This is an advanced course in clinical exercise prescription relative to disease of the cardiovascular, pulmonary, metabolic, musculoskeletal, neuromuscular and immunologic systems. The course also provides a basic understanding of the patho-physiology and exercise responses in populations afflicted with these diseases. (Formerly KINE 433)

**EXSC 460 Exercise Testing, Evaluation, and Prescription** 3 hours

Prerequisites: Admission to EXSC major; EXSC 310, 320, and Junior status

This course will consider the use of health and fitness field and laboratory instruments, techniques, procedures and equipment. Special emphasis will be placed on the ability to administer test protocols for evaluating the health-related components of physical fitness. (Formerly KINE 460)

**EXSC 461 Exercise Leadership** 3 hours

Prerequisites: Admission to EXSC major; EXSC 310 and Junior status

This course will emphasize the necessary leadership qualities and skills expected for leading exercise activities. The student will develop professional competencies through classroom instruction as well as observational and practical experiences. (Formerly KINE 461)

**EXSC 485 Health Fitness Specialist Workshop and Certification** 1 hour

Prerequisites: Admission to EXSC major; EXSC 310, 433, 460

This course will provide structured experiences in the classroom, laboratory and exercise arenas to improve the knowledge, skills, and abilities in health-related physical fitness assessment and exercise programming as outlined by the American College of Sports Medicine guidelines. This experience will culminate with the student taking the Health Fitness Specialist certification exam, which requires the student to demonstrate the

knowledge, skills, and abilities that are needed by an entry-level health/fitness practitioner.

**EXSC 499 Professional Internship in Exercise Science** 3 to 6 hours

Prerequisites: Admission to EXSC major; Senior status; have completed all EXSC coursework and HLTH 333, with a grade of "C" or better; have a minimum overall GPA of 2.25 or higher; have achieved a minimum score of 480 on ACSM exam, and uploaded exam results sheet to Sharepoint; or consent of the Exercise Science Program Director.

This course involves practical work experience in an approved exercise or fitness-related agency, physical or occupational therapy clinic, chiropractic office, or similar setting/facility supervised by a qualified professional. Selection of the internship site should coincide with academic track selected and intended career path. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship. (Formerly KINE 499)

**FAMILY AND CONSUMER SCIENCES**

**FACS 103 Introduction to Family and Consumer Sciences** 1 hour

Survey of the historical and philosophical development of the field of Family and Consumer Sciences with a focus on career opportunities.

**FACS 113/ ARTS 113 Introduction to 2D Design** 3 hours

An introduction to visual thinking as well as the elements and principles of design. Concentration of the elements of design through production of artwork using a variety of materials and methods. Emphasis placed on understanding the elements and principles of design and how they integrate to form fully realized works of art. Students will explore composition and selection of subject matter.

**FACS 130 Introduction to Hospitality, Foods, and Food Safety** 3 hours

This course provides knowledge of ingredients for food preparation and presentation while emphasizing the preservation of nutrients in foods needed for good health and providing a strong foundation for the food service and hospitality career.

**FACS 204 Introduction to Family and Child Development** 3 hours

Overview of the Family and Child Development major with an emphasis on professional development, long-term career goals, self-assessment tools and leadership qualities needed in the field of Family and Child Development.

**FACS 205 Development of Contemporary Families** 3 hours

Origin and description of contemporary American patterns in response to changes in society and technology.

**FACS 221 Design and Construction I for Interiors** 3 hours

Application of basic sewing construction techniques as applied to functional residential accessories. Focus on workroom terminology, estimations, and assessment of fabric fit to the project.

**FACS 222 Design and Construction I for Apparel** 3 hours

Application of basic sewing construction techniques as applied to the design and construction of fashion apparel.

**FACS 225 Introduction to the Fashion Industry** 3 hours

An introduction to the industry segments involved in the design, production, and distribution of women's men's, and children's apparel and their accessories. Historical overview and career opportunities in fashion are included.

**FACS 230 Food Science and Management** 3 hours

Principles of food science, including nutrition, function of ingredients, and preparation methods. Managerial and aesthetic

guidelines related to the selection, planning, preparation, and service of meals.

**FACS 240 *Concepts in Interior Design*** 3 hours

An introduction to residential and commercial space planning and material selection with emphasis on proxemics, ergonomics, and health and safety. A studio class with residential projects that focus on the social, work, and private zones.

**FACS 243 *CAD I: Computer Aided Design for Interiors*** 3 hours

Prerequisite: Sophomore status

Two dimensional (2D) Architectural drafting and mechanical drawing for interiors using AutoCAD® and related software.

**FACS 245 *Decorative Arts for the Interiors*** 3 hours

Historical and contemporary study of decorative arts for the interior. Creative innovations will be explored through projects, guest speakers and field trips.

**FACS 260 *Early Childhood Education*** 3 hours

Prerequisite: PSYC 210 or permission of the instructor

Theories, principles, and strategies of working with young children using developmentally appropriate curriculum.

**FACS 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

An individually-selected and directed practical work experience under the direction of a professional. The work experience should be closely related to the individual's career objective. Application procedures processed through the Career Center. Must apply semester prior to internship.

**FACS 320 *Textiles: Fibers and Fabrics*** 3 hours

Prerequisite: CHEM 107 or BIOL 102

Study of natural and synthetic fibers in addition to the manufacturing processes involved in the production of fabrics from raw to finished form for use in clothing and home furnishings. Focus on identification of fabric construction and product performance.

**FACS 322 *Design and Construction II for Apparel*** 3 hours

Prerequisite: FACS 222

Traditional and contemporary tailoring construction techniques used in the production of professional couture garments. Emphasis on assessment of fabric fit to apparel construction and design.

**FACS 324 *Specialty Fashion Markets*** 3 hours

Prerequisite: FACS 225: Introduction to Fashion Industry

Detailed study of important accessories categories in the women's, men's, and children's fashion industry. Analysis of materials, product design, merchandising techniques, historical and contemporary review of fashion accessories in the apparel industry.

**FACS 325 *Psycho-Social Aspects of Clothing*** 3 hours

Study of the cultural, social, economic, psychological and physical factors which influence clothing decisions.

**FACS 329 *Fashion and Textile Design with Computers*** 3 hours

Prerequisite: FACS 222

Students will develop fashion and textile designs through the aid of computer software programs.

**FACS 330 *Human Nutrition*** 3 hours

Prerequisites: Biology or chemistry course

Chemical structure, function, digestion, metabolism and biochemical interrelationships of nutrients relating to life cycle, current issues and diet selection.

**FACS 335 *Food and Culture*** 3 hours

Influence of cultural patterns on food habits evident in acceptable food sources, service, preparation, and preservation in societies around the world.

**FACS 340 *Housing: Consumer and Community*** 3 hours

Sociological, psychological, economical and technological aspects of shelter are explored from both historical and contemporary perspectives.

**FACS 345 *Interior Architecture*** 3 hours

Prerequisite: FACS 240

Investigation of material components used by the designer coinciding with advanced residential design portfolio project that includes specification of surface finishes, architectural details and furnishings.

**FACS 350 *Family Economic Decisions*** 3 hours

Theory and application of financial management principles related to the family throughout the life cycle. Focus on an analysis of the relationship between family values and use of resources.

**FACS 351 *Event Management*** 3 hours

Prerequisite: Sophomore status or higher

Strategies for success in the hospitality industry: essentials in negotiating contracts, planning multi-media components, coordinating and staffing events such as conferences and weddings.

**FACS 353 *Retail Merchandising for Apparel*** 3 hours

Prerequisite: Math 115 or Higher; sophomore or higher

Study of retail merchandising concepts essential for buyers and managers within the fashion industry; emphasis is placed on fashion apparel and accessories, assortment planning, inventory control, price and profit analysis.

**FACS 361 *Therapy and Theory of Play in Early Childhood*** 3 hours

A study of play therapies and theories and the importance of play in learning and child development from infancy through middle childhood.

**FACS 365 *Administration of Family and Child Life Programs*** 3 hours

Prerequisite: FACS 260

A course designed to develop, implement, and evaluate family life programs in family and child settings for the organizations and agencies that work to meet the needs of children and families.

**FACS 370 *Parenting*** 3 hours

Explores the theories, trends, concepts, strategies and realities of effective parenting beginning with conception and continuing throughout the life cycle.

**FACS 375 *The Psychology of Relationship Development*** 3 hours

This course will investigate the dynamics of relationship development. Students will read and evaluate several books detailing aspects of the development of relationships across the lifespan. From the first relationship with the mother to the ultimate relationship with God, students will analyze the psychological and biblical foundations of relationship development.

**FACS 380 *Program Planning and Evaluation*** 3 hours

Prerequisite: Junior status

Theories and procedures for program planning, implementation and evaluation of educational programs. Examination of issues and trends is covered.

**FACS 403 *Professional Development*** 2 hours

Prerequisites: Senior status and FACS 103

Professional development for the Family and Consumer Sciences students, including job search and interview strategies, resume and portfolio development, and participation in professional association activities.

**FACS 405 *Special Projects in Family and Consumer Sciences*** 3 hours

An independent, creative project which is student initiated, with approval of a supervising faculty member.

- FACS 420 *Apparel Illustration and Design*** 3 hours  
Prerequisite: ARTS 211  
Design and illustration of fashion apparel.
- FACS 422 *Draping for Apparel Design*** 3 hours  
Prerequisites: FACS 222, 322 with a minimum grade of C  
A study of three-dimensional fashion by draping basic silhouettes and garment style features in muslin directly on the dress form. Student will be required to purchase the specified dress form.
- FACS 422 *Draping for Apparel Design*** 3 hours  
Prerequisites: FACS 222: Design and Construction I for Apparel:
- FACS 423 *Fashion Promotion and Visual Merchandising*** 3 hours  
Prerequisites: Junior or Senior status  
The study of promotional strategies unique to the fashion industry. History and principles of visual presentation of merchandise, store design, and special events are emphasized.
- FACS 429 *History of Costume*** 3 hours  
Prerequisite: Junior or Senior status  
This course is a study of the historical development of Western dress from ancient Egypt through the present. Studies of cultural and personality influences, design philosophy and social movements will reveal their impact on design.
- FACS 430 *Gourmet Foods*** 3 hours  
(3 hours lecture; 3 hours lab)  
Prerequisite: FACS 130 or permission of instructor Study of classic cuisine and current epicurean trends. Experimentation with product recipes, development of culinary skills and fine dining experiences are included.
- FACS 435 *Event Catering*** 3 hours  
(3 hours; lectures; 3 hours lab)  
Prerequisite: FACS 130  
Examination and application of principles of quantity food production. Participation in student-run catering business.
- FACS 445 *History of Interiors*** 3 hours  
A broad overview of the historical development of furniture, interiors, and the decorative arts from Ancient Egypt to the present. Studies of cultural and personality influences, design philosophy and social movements will reveal its impact on design.
- FACS 450 *Consumer Issues*** 3 hours  
In-depth look at issues which impact families, including health care, investment, retirement and taxation. The study of consumer laws and agencies that deal with consumer problems.
- FACS 455 *Balancing Work and Family*** 3 hours  
The management of resources in balancing the multiple roles and responsibilities of family members. Includes the application of critical thinking to resolve issues, prioritize and set goals.
- FACS 470 *Internal Dynamics of Families*** 3 hours  
Practical application of the underlying principles and theories as they relate to family strengths and weaknesses in family relationships.
- FACS 475 *Families Under Stress*** 3 hours  
Current research and theories relating to crisis and stress as they affect family functioning, and application of stress management and effective coping skills to the family unit.
- FACS 480 *Teaching Family and Consumer Sciences*** 2 hours  
Co-requisite: Must be taken concurrently with FACS 481  
Strategies, planning, developing, presenting and evaluating curriculum in work and family studies. The course covers leadership development and the management of a co-curricular student organization.
- FACS 481 *Teaching Family and Consumer Sciences Practicum*** 1 hour  
Co-requisite: Must be taken concurrently with FACS 480

- The planning, presenting, and evaluation of a unit in middle school or secondary school setting.
- FACS 490 *Special Projects*** 1 to 3 hours
- FACS 495 *Directed Research*** 1 to 3 hours  
An independent study in a selected area mutually agreed upon by instructor and student.
- FACS 497 *Special Topics in Family and Consumer Sciences*** 1 to 3 hours  
In-depth examination in selected content areas of Family and Consumer Sciences. A wide range of rotating topics is covered.
- FACS 499 *Family/Consumer Internship*** 3 to 6 hours  
Prerequisite: Senior status, Family/Consumer major  
An individually-selected and directed practical work experience under the direction of a professional. The work experience must be closely related to the individual's career objective. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

## FRENCH

**NOTE:** All students with one or more years of high school French are encouraged to consider CLEP for lower level language credits. All course enrollments are based on placement. The appropriate online assessment test must be taken prior to enrollment. Contact the Department of English and Modern Languages for more information.

- FREN 101 *Elementary French I*** 3 hours  
This is an introductory course designed to place emphasis on functional grammar, practical vocabulary, listening skills and conversation in French. This course will serve as a basis for further development of fluency in reading, writing, understanding, and speaking the language.
- FREN 102 *Elementary French II*** 3 hours  
Prerequisite: FREN 101 or placement score  
This is a continuation of the beginning course, French 101, emphasizing the development of functional grammar, practical vocabulary, listening, reading and writing skills in French. This course is designed to further develop fluency in reading, writing, listening comprehension and speaking in the language.
- FREN 201 *Intermediate French I*** 3 hours  
Prerequisite: FREN 102 or equivalent, or placement score  
This is an intermediate course designed to place continued emphasis on functional grammar, practical vocabulary, listening exercises and conversation in French. This course expands the basic proficiencies in speaking, listening, reading and writing the language acquired in French 101 and 102. This course is conducted primarily in French.
- FREN 202 *Intermediate French II*** 3 hours  
Prerequisite: FREN 201 or placement score  
This course will expand the student's acquisition of practical vocabulary and refine the student's knowledge of French grammar, while stressing the development of oral skills.
- FREN 299 *Internship*** 0 hours  
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
Professional-supervised experience in a first-hand internship opportunity. Application procedures processed through the Career Center. Must apply semester prior to internship.
- FREN 301 *Advanced Conversation*** 3 hours  
Prerequisite: FREN 202 or placement score  
This course will refine the student's oral-aural knowledge of the French language. It will include composition, readings and oral presentations. The class will be conducted in French.
- FREN 304 *Francophone Civilizations/ Cultures*** 3 hours  
Prerequisite: FREN 202 or placement score



This course will provide an overview of francophone geography, culture, civilization, socio-economic problems and some modern francophone literature exclusive of France. The class will be conducted in French and a project will be required.

**FREN 310 Translation** 3 hours

Prerequisites: FREN 202 with a grade of “B” or higher, or equivalent and ENGL 102 or MUSC 200 which may be taken as a co-requisite.

This course will examine modern translation theory and include a comparison of various linguistic traits of both languages. The course will enable students to apply grammatical rules, perform textual analyses, and use various translation procedures to translate a variety of documents from French to English.

**FREN 311 Evolution of the French Short Story** 3 hours

Prerequisites: FREN 202 with a grade of “B” or higher, or equivalent.

This course will trace the evolution of the French short story from the Moyen Âge to the present while highlighting various literary periods, movements and artists.

**FREN 312 French Classics in Film** 3 hours

Prerequisites: FREN 202 with a grade of “B” or higher, or satisfactory equivalent.

This course will use film as the medium of instruction to study various literary masterpieces of French romanticism, realism and naturalism.

**FREN 321 Modern French Drama** 3 hours

Prerequisite: FREN 202

This course will provide a survey of French drama from the 20th century. The class will be conducted in French.

**FREN 495 Directed Research** 1 to 3 hours

Prerequisite: Junior or Senior status

This is a self-directed course of study intended to further the student’s understanding of the French language, literatures and cultures of French-speaking countries by means of special research projects. This work is conducted in French.

**FREN 497 Special Topics in French** 1 to 3 hours

**FREN 499 Internship** 1 to 6 hours

Prerequisite: Junior or Senior status

Professional-supervised experience in first-hand internship opportunities: writing, editing, researching, and comparable duties. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

## GEOGRAPHY

**GEOG 200 Introduction to Geography** 3 hours

An introduction course in the physical and cultural phenomena of the earth, stressing spatial distribution of these phenomena.

**GEOG 320 Regional Studies in Geography** 3 hours

Prerequisite: Junior or Senior status

Geographic approach to a specific region of the world through historic, cultural, economic, political and physical geography. Course may be repeated as topics vary. (Formerly GEOG 420)

**GEOG 410 Global Issues in Geography** 3 hours

(Offered as needed)

Prerequisite: Junior status with at least one course from the following areas: international business, government or biology

A course dedicated to showing the interrelationships between geography and fields of study supportive of geography in such issues as national security, environmental crises, and global interdependence. Extensive writing and communication skills can be expected.

**GEOG 495 Directed Research** 1 to 3 hours

**GEOG 497 Special Topics in Geography** 1 to 3 hours

## GLOBAL STUDIES

**GLST 200 Introduction to Global Studies** 3 hours

This course is an introduction to understanding the history, principles and foundations of global engagement. Additionally, this course lays the groundwork for an intercultural career and provides principles for engaging the current global environment.

**GLST 220 Intercultural Communication and Engagement** 3 hours

This course will take a close look at behaviors and core values of the North American culture, identify areas where these values are barriers to effective intercultural communication and explore principles for effective engagement in another culture.

**GLST 290/ Cultural Anthropology** 3 hours

**LING 300**

This course will study systems of human behavior and thought for the purpose of improving understanding of, and relations between, people. Several case studies will be used to illustrate these systems.

**GLST 350 World Religions** 3 hours

The basic principles and practices of the most significant world religions are discussed and evaluated. The course goes beyond descriptions and identifies points of contact and cultural opportunities for effective communication, understanding and engagement.

**GLST 380 Global Studies Field Experience** 3 hours

An elective seminar that exposes the student to the needs, duties, conflicts and cultural barriers of working as a career professional in a selected area of the world. The seminar requires on-site involvement and engagement in a country outside the United States and is accompanied with reading, lectures and interaction with expatriate workers and nationals of the host country.

**GLST 385 Career Preparation for Global Workers** 3 hours

Prerequisites: GLST 200, 220, 290

This course will help guide potential global workers through the process of pursuing an intercultural career. (Formerly GLST 441)

**GLST 387 Living Abroad** 3 hours

Prerequisites: GLST 200, 220, 290, 385

This course is taken concurrently with the field internship, will teach individuals how to thrive, and not simply survive, in another culture. (Formerly GLST 480)

**GLST 388 Ethnographic Research** 3 hours

Prerequisites: GLST 200, 220, 290, 385

This course is a research project that is taken concurrently with the field internship experience. Primarily building on the principles learned in GLST 290, but integrating everything learned to this point, individuals will do extensive ethnographic mapping of the culture in which they are completing the field internship. (Formerly GLST 488)

**GLST 389 Barefoot Language Learning** 3 hours

Prerequisites: GLST 200, 220, 290, 385

This course is an on-site language study that is taken concurrently with the field internship experience. Specific emphasis is given to learning the heart language of the host culture by seeking conversational aptitude. (Formerly GLST 489)

**GLST 390 Engaging Oral Communicators** 3 hours

This course is an in-depth study of oral learners, those who prefer the spoken word as a primary form of communicating thoughts, observations and experiences. Skills will be developed in communicating, guiding the growth of oral communicators and fostering community development through the telling of stories.

- GLST 421 Roman Catholicism** 3 hours  
This is a study of the historical development, global influence and major doctrines of the Roman Catholic Church.
- GLST 425 Animism** 3 hours  
This course is a survey of the phenomena of Animism, its underlying worldview and expressions in various cultures.
- GLST 431 Introduction to Islam** 3 hours  
This course explores the historic rise and expansion of Islam as well as basic Muslim beliefs and practices. Attention is also given to the diversity within the world of Islam.
- GLST 441 Career Preparation for Global Workers** 3 hours  
This course will help guide potential global workers through the process of pursuing an intercultural career.
- GLST 461 Becoming a Global Facilitator** 3 hours  
This course trains leaders how to be effective global catalysts in their current roles in their home cultures.
- GLST 485 Jungle Camp** 3 hours  
A practical experience of learning intercultural concepts, survival skills and cultural adjustments through simulated jungle or tribal contexts.
- GLST 490 Trends and Issues in Global Studies** 3 hours  
This course is taken the semester following the internship experience. Individuals will reflect upon current trends and issues in global studies based on their experiences abroad.
- GLST 495 Directed Research** 1 to 3 hours  
This course is an individual study of advanced topics in Global Studies that includes periodic meetings with the instructor.
- GLST 497 Special Topics in Global Studies** 1 to 3 hours  
Selected topics in various areas of Global Studies. This course may be repeated for credit when the topic varies.
- GLST 499 Global Studies Internship** 3 to 6 hours  
Prerequisites: GLST 200, 220, 290, 385 for Global Studies Majors  
This course is a field experience under the supervision of a qualified individual currently working in an intercultural career. It is a required experience for Global Studies majors and is available to Global Studies minors and students in other courses of study. Students must apply through the Center for Global Engagement at least two semesters prior to the internship.

## GOVERNMENT

- GOVT 200 Constitutional Government and Free Enterprise** 3 hours  
Diverse introduction to political and economic ideas, government institutions, free market processes, public issues, economic policy and political and economic activity, emphasizing the close relationship between a system of limited constitutional government and the free enterprise economy and providing an overview of the Christian worldview with regard to government and economics.  
**NOTE: GOVT 200 is a prerequisite to all upper level government courses.**
- GOVT 210 Introduction to Political Science** 3 hours  
A comparative survey of the scope, methodologies, and major schools of political science, including its links with history, economics, and other cognate fields
- GOVT 220 American Government** 3 hours  
The issues, interest and institutions of American politics, emphasizing the struggle between liberalism and conservatism.
- GOVT 299 Internship** 0 hours  
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
Directed applicable work experience under supervision of the Director of Government Internships and an administrator or professional at the place of employment in the area of career

- interest. Application procedures processed through the Career Center. Must apply semester prior to internship.
- GOVT 301 Ancient Political and Economic Ideas** 3 hours  
(Offered fall semester)  
Political and economic thought of pagan antiquity, contrasting the ideas of Greece and Rome with religious precepts. The political and economic organization of European feudalism will also be examined.
- GOVT 302 Modern Political and Economic Ideas** 3 hours  
(Offered spring semester)  
Survey of political and economic thought since the 16th century including the Christian influence in the development of modern Western freedom and justice. Emphasis will be placed on the emergence and scope of the disciplines of economics, political science, public administration and public policy.
- GOVT 320 American Executive Processes /Institutions** 3 hours  
(Offered fall semester)  
The office and legal powers of government executives, especially the President, including trends in the Presidency during periods of conservative and liberal dominance.
- GOVT 322 American Legislative System** 3 hours  
(Offered spring semester)  
The U.S. Congress and state legislatures, their powers and organization, and how liberal and conservative forces exert influence through lobbying and elections.
- GOVT 327 State and Local Government** 3 hours  
(Offered fall semester)  
Issues, interest and institutions of American state and local government in the framework of federalism.
- GOVT 328 American Political Processes** 3 hours  
A study of the electoral process in American and the organizations such as political parties and interest groups that influence it. Topics included are political campaigns, electoral laws, voting behavior, and the development of political parties and interest groups. In election years, students are encouraged to participate in the campaign of the party of their choice.
- GOVT 330 Introduction to Comparative Politics** 3 hours  
(Offered fall semester)  
An introduction to a variety of concepts and approaches to the study of the domestic politics of other countries.
- GOVT 332 Politics of Europe** 3 hours  
A survey of the political systems of Britain, France, Germany and Russia, comparing how various forms of government provide for the requirements of their citizens and the tasks of governing.
- GOVT 333 Post-Communist Politics** 3 hours  
An examination of key issues of the transformation of the former Soviet Union and its East European allies. The impact of the communist system on current regimes is evaluated with an emphasis on the role of the party structure, religion, and the security apparatus.
- GOVT 334 Politics of Latin America** 3 hours  
A study of the political systems of Latin America and the Caribbean basin in view of the geographical, historical, religious, cultural, economic, and international factors that shape them.
- GOVT 335 Politics of Asia** 3 hours  
A study of the major political, economic, and cultural systems of East and South Asia, particularly China, India, and Japan, with special attention given to the rapid emergence of a robust international trade area along the Pacific Rim.
- GOVT 337 Politics of the Middle East** 3 hours  
A study of the geographical, historical, religious, cultural, economic, and international factors that broke up the Islamic empires and that shape the politics of the Middle East, Central Asia, and North Africa.

**GOVT 340 *International Relations*** 3 hours  
(Offered fall semester)  
Techniques for managing and resolving conflict in international relations. Emphasis is on current international issues like U.S. Arms policy and U.S. policy in the Middle East.

**GOVT 345 *Jurisprudence*** 3 hours  
(Offered spring semester)  
An introduction to law and philosophy of law, including categories of law, some legal terminology, justice, liberty, crime and punishment.

**GOVT 346 *Legal Research and Writing*** 3 hours  
An overview for the pre-law student of legal research methods and legal writing. Attention will be given to online and traditional avenues of legal research, as well as standard formats for case briefs, IRAC, Bluebooking, formal legal memoranda, synthesizing cases, and the principles of statutory construction. The course requires a major legal research paper.

**GOVT 350 *Political Economy and Public Policy*** 3 hours  
Application of social ethics and economic theory to government, politics, social institutions, law and public policy questions. Topics include the role of a worldview in public policy, the role of civil government versus the role of the market, constitutional and legal decision-making, the morality of capitalism, the problems of special interest groups and public bureaucracies, the theory of regulation and specific public policy issues.

**GOVT 360 *Introduction to Public Administration*** 3 hours  
An introduction to the history and theory of public administration. These ideas will be applied within a variety of public institutional contexts.

**GOVT 380 *Introduction to Intelligence*** 3 hours  
(Offered fall semester)  
An upper-division introduction to the field of intelligence and the Intelligence Community, and how it all works within the framework of the Department of Homeland Security.

**GOVT 381 *Intelligence Analysis*** 3 hours  
(Offered spring semester)  
An upper-division course studying field of intelligence analysis to give students a basic understanding of what it takes to be an analyst within the Intelligence Community. The course looks at some classic intelligence failures as well as some of the unpublished successes.

**GOVT 382 *History of Intelligence*** 3 hours  
(Offered fall semester)  
An upper-division study of intelligence from the earliest biblical times up through the modern period. The development of American intelligence is covered in detail.

**GOVT 383 *History and Nature of Intelligence Tools*** 3 hours  
A study of intelligence tools and their utilization within an institutional context. This course is not designed to teach students how to use intelligence tools but rather to give them an understanding of what constitutes an intelligence tool, how those tools have been developed over time, and how they support the consumers of intelligence products.

**GOVT 385 *NDU/NIS Symposia I*** 3 hours  
**GOVT 386 *NDU/NIS Symposia II*** 3 hours  
(Offered fall and spring semesters, when available)  
**(NOTE:** Extra costs above tuition and fees apply)  
Prerequisite: GOVT 480 or an upper division intelligence course.  
Five-day seminars in Washington, D.C. during which students attend the relevant symposium hosted by the National Defense University or attend the National Intelligence Symposium hosted by the Association of Former Intelligence Officers. Academic requirements include a major paper on one of the topics covered during the symposium. Each symposium counts as one course.

**GOVT 400 *Government Colloquium*** 1 hour  
This experience includes all government faculty members. Government majors should enroll for a minimum of three semesters. Students and faculty will participate in a series of events in which they will be exposed to current policy issues, politicians, graduates of the department and the research interests of faculty members and students through paper presentations, speeches, debates and films.

**GOVT 402 *American Political Ideas: The Founders*** 3 hours  
The political thought of the Pilgrims, the Puritans, and the Founding Fathers, emphasizing the impact of Christianity upon American political ideas.

**GOVT 403 *International Economics*** 3 hours  
Principles of foreign trade and its impact on the domestic economy, means of restricting trade, the influence of the military systems and exchange and role of U.S. in underdeveloped areas.

**GOVT 405 *Political and Economic Development*** 3 hours  
(Offered fall semester odd numbered years)  
An analysis of the common problems of less developed countries in Africa, Asia, and Latin America with a survey of theories of development.

**GOVT 421 *American Constitutional History*** 3 hours  
A survey of American constitutional development from British and colonial origins to the present, emphasizing the history of the Supreme Court and the development of the constitutional framework.

**GOVT 422 *American Constitutional Law*** 3 hours  
(Offered spring semester)  
Prerequisite: GOVT 421  
An in-depth historical analysis of American constitutional law, emphasizing landmark Supreme Court decisions, especially in the field of civil liberties.

**GOVT 425 *American Foreign Policy*** 3 hours  
A course on U.S. Foreign policy since 1945. Emphasis is not on a detailed examination of events but rather on the practical use of history for public policy-making and management.

**GOVT 430 *Comparative Economic and Political Ideas*** 3 hours  
A comparison of capitalism, socialism and communism, emphasizing the ideas and ideologies that are struggling today across the world.

**GOVT 433/ *The Jewish Temple in History and*** 3 hours  
**BIBL 433 *Prophecy***  
This course is an introduction to the historical, archaeological, and theological significance of the Jewish Temple and its various forms in the Bible.

**GOVT 440 *Political Geography*** 3 hours  
(Offered spring semester)  
A study of the political, cultural, and economic dynamics of the international system with special attention given to its geo-strategic dimensions.

**GOVT 445 *International Law*** 3 hours  
(Offered spring semester)  
An examination of international organizations, their nature, political processes, and impact in different issue areas, including peacekeeping and security, international development, human rights, international monetary policy, and control of the seas.

**GOVT 450/ *Middle East Conflict in Biblical*** 3 hours  
**THEO 450 *Perspective***  
Prerequisite: BIBL 105 and BIBL 110  
This course traces the causes, development, consequences and outcome of the Middle East conflict from a biblical and Christian Zionist perspective. The relevant historical and biblical texts will be examined with respect to Israel's conflict with the nation's past, present and future and the contemporary interpretation of the conflict within Christianity.

**GOVT 451 Social Policy** 3 hours

A survey of American social policy development with an emphasis on religion, education, information, civil rights and health/reproduction policies. The social policy development process will be examined within the context of contemporary political institutions.

**GOVT 458 Public Policy Development in the Political Environment** 3 hours

This capstone course for public policy concentrators will emphasize the application of foreign, social and economic policy concepts. The student will be exposed to contemporary cases for which they will be required to build policy responses and political implementation strategies.

**GOVT 462 Public Finance and Budgeting** 3 hours

Fiscal and military policy, taxation and the budget process in government.

**GOVT 470 Government Regulation of Business** 3 hours

The sources and impact of various forms of government intervention in the private business sector, including the economic effects of regulation, the legal functions of various agencies, and rulemaking and regulatory powers and limitations of government administrative agencies.

**GOVT 475 Advanced Public Administration** 3 hours

This course is a synthesis course for government majors. The course will apply and integrate broad concepts including the application of economic theory, management theory, administrative law, and political theory in the resolution of public sector management cases.

**GOVT 477 Trial Advocacy** 3 hours

An overview of foundational principles of advocacy in the courtroom. This course will introduce students to the basic principles and skills of advocacy in the trial courts of America. Students will study the element of a trial, the Federal Rules of Evidence, and how to prepare and perform an opening statement, a direct cross-examination of witnesses, and a closing argument.

**GOVT 478 Appellate Advocacy** 3 hours

An overview of foundational principles of advocacy in the appellate arena. A survey of the principles necessary to successfully advocate before an appellate panel and a practical application of the elements in a competitive setting.

**GOVT 480 Terrorism** 3 hours

A cross-disciplinary study of terrorism as a form of organized political violence; its intellectual, cultural, political, and religious roots; and its uses in ethnic, sectarian, and international conflicts.

**GOVT 481 Counter-Terrorism** 3 hours

Prerequisite: GOVT 480

(Offered spring semester)

This course will evaluate the main aspects of the war on terror. The course will focus on dilemmas relating to intelligence gathering, offensive and defensive actions taken against terrorist organizations, civil liberties and media coverage, and the strategies and approaches for combating terrorism.

**GOVT 482 Counter-Intelligence** 3 hours

Prerequisite: GOVT 380

A study of counter-intelligence from the analytical and operational perspectives. It focuses on the security phase of intelligence covering those activities devoted to destroying the effectiveness of hostile competition's intelligence activities and to protecting one's own information and intelligence methods.

**GOVT 483 Military Intelligence** 3 hours

An upper-division study of tactical military intelligence and the related military branch intelligence agencies as well as the Defense Intelligence Agency.

**GOVT 484 Strategic Intelligence** 3 hours

(Offered spring semester, even number years)

An upper-division course studying the concept of Strategic Intelligence, including the concept of fourth generation warfare, from the standpoint of the various intelligence agencies, the Department of State, and the Department of Defense.

**GOVT 487 Ethics in Intelligence** 3 hours

Prerequisite: Upper Division standing

This course examines from a distinctly Christian worldview how ethical standards apply to human conduct when related to intelligence work and the implications for the collection, analysis, and production of information. It combines lectures, discussion, case studies, and student presentations to critically analyze assumptions and alternatives, and to address issues of social, political, environmental perspectives in support of national security objectives.

**GOVT 488 Psychological Operations** 3 hours

Prerequisite: Upper Division standing

This course is an examination of the use of propaganda supported by military, economic, or political measures. The course explores the early principles of psychological operations, the application of principles and research to influence an enemy's actions, and the role of research and collection of intelligence about the enemy. Upon completion of GOVT 488, the student will be able to identify delivery methods for dissemination of information to key audiences and to compare specific successful as well as unsuccessful PSYOP campaigns.

**GOVT 489 Field Practicum** 3 hours

(NOTE: Extra costs above tuition and fees apply)

This is a senior-level course to be taken at the end of the Junior year to give students an opportunity to acquire tradecraft learning in surveillance and counter-surveillance taught by intelligence professionals in Washington, D.C.

**GOVT 490 Political Theory** 3 hours

A critical examination of a variety of philosophical and social science methods that seek to explain and evaluate: political systems, behavior, ideologies, and collective decision-making. Special attention will be given to the political heritage of western/American civilization and the internal and external challenges it faces.

**GOVT 492 Senior Seminar** 3 hours

Prerequisite: Senior Standing or at least 21 upper division hours in Government

The capstone course in Government provides – in the context of a biblical Christian worldview – an overview, discussion, and evaluation of leading figures, theories, subfields, and schools of thought within the broad field of political science.

**GOVT 495 Directed Research** 1 to 3 hours

**GOVT 497 Special Topics in Government** 1 to 3 hours

Topics will vary from semester to semester. Course may be repeated for credit as topics vary.

**GOVT 499 Field Research (Internship)** 1 to 6 hours

Prerequisite: Junior or Senior status and required GPA

Directed applicable work experience under supervision of the Director of Government Internships and an administrator or professional at the place of employment in government, political campaigns or political action organizations. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**GREEK****GREK 201 *Greek Grammar I*** 3 hours

An introduction to basic Greek forms, syntax, pronunciation and accent. Emphasis is placed on the conjugation of regular, contract and “mi” verbs and the declension of various nouns, pronouns and adjectives.

**GREK 202 *Greek Grammar II*** 3 hours

Prerequisite: GREK 201

Continuation of GREK 201.

**GREK 301 *Greek Grammar III*** 3 hours

Prerequisite: GREK 202

Continuation of GREK 202.

**GREK 302 *Greek Syntax and Reading*** 3 hours

Prerequisite: GREK 301

An intermediate study of the function or syntax of Greek grammar, including the reading of continuous texts from the Greek New Testament.

**GREK 401 *Greek Exegesis*** 3 hours

Prerequisite: GREK 301

Designed to impart proper hermeneutical principles for exegetical analysis of the Greek New Testament. One New Testament book will be translated and used for exegetical study.

**GREK 495 *Directed Research in Greek*** 3 hours**GERMAN****GRMN 101 *Elementary German I*** 3 hours

This course is designed to teach the student to understand, speak, read and write idiomatic German at the level of Novice High. Extensive aural/oral practice will occur in the classroom and in the language laboratory.

**GRMN 102 *Elementary German II*** 3 hours

Prerequisite: GRMN 101 or placement score

This course will further the objective of GRMN 101, expanding student's knowledge of practical vocabulary and functional grammar and thereby enabling them to communicate at the level of Intermediate Low. (*Available Spring 2015*)

**GRMN 201 *Intermediate German I*** 3 hours

Prerequisite: GRMN 102 or placement score

This course enables intermediate students of German to continue development of the four language skills (understand, speak, read and write) to the level of Intermediate Mid. Students will also increase their cultural knowledge and begin to make use of the language in relation to their individual pursuits and callings. Classroom communication is in German. (*Available Spring 2015*)

**GRMN 202 *Intermediate German II*** 3 hours

Prerequisite: GRMN 201 or placement score

This course will further the objectives of GRMN 201 to enable students to communicate at the level of Intermediate High. Students will continue to augment their cultural knowledge and make more effective use of the language in relation to their individual pursuits and callings. Classroom communication is in German. (*Available Spring 2015*)

**GRMN 497 *Special Topics in German*** 3 hours

Prerequisite: GRMN 202 or placement score

Emphasis is on developing linguistic fluency and cultural awareness through a process of accessing, analyzing, and effectively communicating "real world" information obtained from designated authentic German resources. Classroom communication is in German. (*Available Spring 2015*)

**HEBREW****HBRW 201 *Hebrew Grammar I*** 3 hours

An introduction to the essentials of biblical Hebrew grammar including the alphabet and vowels, morphology, the strong verb and vocabulary. This course provides the foundation for beginning translation.

**HBRW 202 *Hebrew Grammar II*** 3 hours

An expansion of the foundation of Hebrew Grammar I, emphasizing mastery of the weak verb, introductory syntax, translation from various genre and additional vocabulary.

**HBRW 495 *Directed Research in Hebrew*** 3 hours**HISTORY – EUROPEAN****HIEU 201 *History of Western Civilization I*** 3 hours

A survey of the major currents in Western civilization from its beginnings in the ancient Near East to 1648.

**HIEU 202 *History of Western Civilization II*** 3 hours

A survey of the major currents in Western civilization since 1648.

**HIEU 321 *Greek Civilization*** 3 hours

Prerequisite: HIEU 201

A survey of the ideas and institutions of the Greeks from their arrival to Alexander the Great, emphasizing the rise of the city-state, the birth of philosophy, the flowering of the arts and the interaction with oriental culture.

**HIEU 322 *Roman Civilization*** 3 hours

Prerequisite: HIEU 201

A history of the Roman state and culture from Romulus to Justinian, emphasizing territorial expansion, the republic, the Roman revolution, maintenance of autocracy, the thrust of Christianity into the Roman world, the fall of the empire and the heirs of Rome.

**HIEU 360 *The Medieval Experience*** 3 hours

Prerequisite: HIEU 201

An introduction to the main events and achievements of the period 300-1500 in the Latin, Byzantine and Muslim worlds.

**HIEU 370 *Eighteenth Century Europe*** 3 hours

Prerequisite: HIEU 201 or 202

The political, social, economic and intellectual developments in selected European countries from the Age of Louis XIV to the end of the Napoleonic Era. Topics include the Old Order, Enlightenment and French Revolution, and Napoleon.

**HIEU 380 *Nineteenth Century Europe*** 3 hours

Prerequisite: HIEU 202 or 370

The political, social, economic and intellectual developments in selected European countries, 1815-1914. Topics include the Industrial Revolution, Unification of Germany, Imperialism and Origins of WWI.

**HIEU 390 *Modern Europe*** 3 hours

Prerequisite: HIEU 202 or 380

The political, military, social, economic and intellectual developments in selected European countries from 1914 through 1945 will be analyzed. Topics include: causes of WWI; the Versailles Peace Conference; rise of Fascism and Communism; origins of World War II; the war; the holocaust; and end of WWII, setting the stage for the Cold War.

**HIEU 425 *The French Revolution and the Napoleonic Era*** 3 hours

Prerequisite: HIEU 201

This course will provide an in-depth study of the era of the French Revolution and the Napoleonic Empire, focusing on political, military, intellectual, and economic developments.

- HIEU 450** *Twentieth Century Germany* 3 hours  
Prerequisite: HIEU 202 or 390  
Survey of German history since WWI. Topics include: Versailles Peace; Weimar Republic and Culture; Rise of Nazism; Holocaust and West Germany; and Origins of the Cold War.
- HIEU 455** *World War II* 3 hours  
An examination of the causes, course, and consequences of World War II. (Formerly HIEU 355)
- HIEU 460** *Modern England* 3 hours  
(Offered as needed)  
Prerequisite: HIEU 201 or 202  
The political, social and economic developments in England with emphasis on the era of English political, economic and diplomatic supremacy since the Industrial Revolution.
- HIEU 466** *Renaissance and Reformation Europe* 3 hours  
Prerequisite: HIEU 201  
An integrative study of Europe during the years 1450-1650; developments in literature, art, architecture, music, religion, political structures, and foundations for modern western culture. (Formerly HIEU 366)
- HIEU 485** *History of Russia* 3 hours  
Prerequisite: HIEU 202 or consent of instructor  
A history of Russia beginning in the ninth century through the Empire, the Soviet State from its inception in 1917 to 1991, and modern Russia.
- HIEU 495** *Directed Research* 1 to 3 hours
- HIEU 497** *Special Topics in European History* 1 to 3 hours

### HISTORY – RESEARCH AND METHODS

- HIST 299** *Internship* 0 hours  
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
Application procedures processed through the Career Center. Must apply semester prior to internship.
- HIST 300** *Historical Methodology* 3 hours  
Prerequisite: HIEU 201, 202, HIUS 221, 222, or 223  
An invitation to explore the historical discipline. Students will be grounded in the meaning and interpretation of history, methodology, research techniques and career opportunities. Should be taken no later than the first semester of the junior year.
- HIST 419** *Secondary Social Studies Teaching Methods* 2 hours  
Prerequisites: Approval for teacher training; have completed 50% of academic major  
A discipline specific social studies methods course with emphasis upon standards for NCATE and Virginia SOLs relating to the social studies. Content continues the development of lesson planning while adding specific discipline instructional strategies. Must be taken concurrently with HIST 420 – *Secondary Social Studies Practicum*.
- HIST 420** *Secondary Teaching Methods Practicum* 1 hour  
Prerequisite: to be taken concurrently with HIST 419  
Students will be required to prepare a unit, teach in a secondary classroom setting, and evaluate the experience.
- HIST 490** *Senior Research Seminar* 3 hours  
Prerequisites: HIST 300, six hours of upper-level history, B.A. in History students, and Senior Status  
Required capstone history seminar in a special field, emphasizing historiography and historical interpretation and requiring a major research paper.
- HIST 491** *Senior Capstone Seminar* 3 hours  
Prerequisites: HIST 300, six hours of upper-level history, Senior Status  
A senior-level capstone seminar covering historiography, interpretation, research methodologies, Christian worldview

- approaches, vocational opportunities, and assessment.
- HIST 497** *Special Topics in History* 3 hours  
An in-depth study offered by members of the faculty on a selected topic of historical interest.
- HIST 499** *Internship* 1 to 6 hours  
Prerequisites: HIST 300; Junior or Senior status; 2.70 or higher GPA; a minimum of 21 hours in major  
Supervised applied learning experiences in archives, museums, government agencies, foundations, or public history sites. Applications are processed through the department Faculty Internship Advisor. Applicants must apply the semester prior to starting the internship.

### HISTORY – UNITED STATES

- HIUS 221** *Survey of American History I* 3 hours  
A survey of the political, social and economic developments of America from the colonizing experience through the Civil War with emphasis on the development of the American democratic tradition.
- HIUS 222** *Survey of American History II* 3 hours  
A survey of American history from Reconstruction to the present, stressing interpretation and analysis of major eras and trends.
- HIUS 223** *Survey of American History I On Site* 3 hours  
A survey of the political, social, and economic developments of America from the colonizing experience through the Civil War with emphasis on the development of the American democratic tradition. The delivery of this course will include online assignments and a study trip.
- HIUS 310** *American Colonial History* 3 hours  
Prerequisite: HIUS 221 or 223  
Political, economic, cultural and military developments from the founding of the thirteen colonies to the American Revolution.
- HIUS 312** *Era of the American Revolution* 3 hours  
Prerequisite: HIUS 221 or 223  
The growth of ideas and institutions which led to American independence, the creation of an American union and a distinctive culture.
- HIUS 314** *Jeffersonian America, 1789–1815* 3 hours  
Prerequisite: HIUS 221 or 223  
The history of the United States from the Presidency of George Washington through the War of 1812, with particular attention to the rise of political and constitutional conflict between Federalists and Jeffersonian Republicans.
- HIUS 316** *Jacksonian America* 3 hours  
Prerequisite: HIUS 221 or 223  
American history from the rise of Jackson through the Mexican war; emphasis will be on the market revolution and how it shaped politics, society and the economy during the era.
- HIUS 340** *Industrial America, 1877–1917* 3 hours  
Prerequisite: HIUS 222  
A study of American political development from the Gilded Age to World War I with emphasis on the political and social consequences of urbanization, industrialization and immigration.
- HIUS 341** *History of U.S. Political Parties to 1898* 3 hours  
This course examines the origin and development of the American party system from the ratification of the Constitution to the election of William McKinley. Special emphasis is placed on U.S. presidential elections.
- HIUS 351** *U.S. History, 1917- 1945* 3 hours  
Prerequisite: HIUS 222  
An in-depth study of American society and politics from America's entry into World War I to the end of World War II.

**HIUS 360 American Economic History** 3 hours

Prerequisite: HIUS 221, 222, or 223

The growth of the American economy from the 18<sup>th</sup> century to the present. The interaction between government, business and labor will be analyzed with emphasis on the development of the modern business corporation.

**HIUS 380 Modern American Military History** 3 hours

An in-depth study of United States military history in the 20<sup>th</sup> century. (Formerly HIUS 480)

**HIUS 390 History of Virginia** 3 hours

Prerequisite: HIUS 221, 222, or 223

A study of Virginia history from before the settlement of Jamestown to the present.

**HIUS 395 The Ante-Bellum South** 3 hours

Prerequisite: HIUS 221 or 223

A study of all aspects of Southern life and civilization from the colonial period to secession with special emphasis on the effects of the institution of slavery.

**HIUS 396 The New South** 3 hours

Prerequisite: HIUS 222

A study of the South during the Civil War, the Reconstruction Era, the growth of the segregation and racial animosity, Southern demagogues, as historical background to an understanding of the contemporary South.

**HIUS 420 Civil War and Reconstruction** 3 hours

Prerequisite: HIUS 221 or 223

A study of the political and social disintegration of the 1850s; the causes and nature of the Civil War; the crises during Reconstruction.

**HIUS 430 Minorities, Ethnicities, and Social Movements in America** 3 hours

Prerequisite: 6 hours history

Selected topics relating to race, religion, social mobility, ethnic groups, women, family and social groups.

**HIUS 442 History of U.S. Political Parties Since 1898** 3 hours

This course examines the party system's response to the emergence of the United States as a world power from the election of McKinley to the present. Special emphasis is placed on U.S. presidential elections. (Formerly HIUS 342)

**HIUS 452 Recent America** 3 hours

Prerequisite: HIUS 222

An in-depth study of American society and politics from the end of World War II to the challenges on the contemporary scene.

**HIUS 470 American Foreign Relations Since 1776** 3 hours

Prerequisite: HIUS 221, 222, or 223

American diplomatic activities and foreign relations from the Revolutionary War and early national period to the present. (Formerly HIUS 370)

**HIUS 495 Directed Research** 1 to 3 hours**HIUS 497 Special Topics in United States History** 1 to 3 hours**HISTORY – WORLD****HIWD 320 History of Africa** 3 hours

Prerequisite: HIEU 201, 202, HIUS 221, 222, or 223

A comprehensive survey of African history.

**HIWD 341 Modern Islamic Civilization** 3 hours

A survey of Muslim Civilization and history since 1453, including the development of the modern Islamic state, Muslim philosophy and mysticism, religious practices, arts and literature. (Formerly HIWD 441)

**HIWD 350 East Asian Civilization** 3 hours

A survey of "the great tradition" that developed in China and spread to Japan and its transformation in modern times. Covers events in China and Japan down to the present. (Formerly HIWD 450)

**HIWD 370 Comparative Civilization** 3 hours

Prerequisite: Junior status

A comparative study of selected world civilizations with attention to the interaction with the West and the dynamics of cultural change. (Formerly HIWD 470)

**HIWD 371 Latin American Civilization: Colonial Period** 3 hours

Iberian and Amerindian backgrounds with special emphasis on Aztec, Maya and Inca cultures; the epoch of European conquest and colonization; a description and analysis of the development of colonial institutions; the independence movements. (Formerly HIWD 471)

**HIWD 372 Latin American Civilization: National Period** 3 hours

The colonial inheritances which influenced national development; political, economic and religious trends of the 19<sup>th</sup> century; revolutionary trends in the 20<sup>th</sup> century. (Formerly HIWD 472)

**HIWD 375 Korean and Vietnam Wars** 3 hours

The course examines military conflicts in Korea and Vietnam throughout history, with an emphasis on the Korean and Vietnam Wars of the 20<sup>th</sup> Century. Focus is placed on American strategy, operations and tactics in both wars.

**HIWD 460 Atlantic World** 3 hours

This course examines the social, cultural, political, and economic interactions of the Atlantic World from circa. 1492 – circa. 1825.

**HIWD 495 Directed Research** 1 to 3 hours**HIWD 497 Special Topics in World History** 1 to 3 hours**HEALTH****HLTH 105 Introduction to the Health Professions** 3 hours

A survey of the health professions and requirements for educational, job and market demands in selected health careers, including health promotion philosophy, goals, history and development.

**HLTH 205 Accident Prevention and Care (First Aid)** 3 hours

Principles of accident prevention and personal safety with emphasis upon development of knowledge and skills needed for dealing with emergencies which may be faced in a variety of settings. First aid and CPR certification is included.

**HLTH 216 Personal Health** 3 hours

A study of considerations and current trends in the areas of personal and community health. Emphasis is given to personal responsibility for healthy lifestyle management.

**HLTH 221 Applied Human Anatomy and Physiology I** 3 hours

(Offered fall semester)

Prerequisite: Students must be enrolled in the Health Promotion (CHES) major or the Health Sciences Certificate

An examination of the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to the human body; the chemistry of life; the cells, tissues, and organization of the body; the blood; the cardiovascular system; the lymphatic system; the nervous system; the special senses; the endocrine system; and the respiratory system. (Formerly HLTH 201)

**HLTH 222 *Applied Human Anatomy and Physiology II*** 3 hours  
 (Offered spring semester)  
 Prerequisite: HLTH 221; students must be enrolled in the Health Promotion (CHES) major or the Health Sciences Certificate  
 A continuation of HLTH 221 that examines the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to nutrition; the digestive system; the urinary system; the skin; resistance and immunity; the musculoskeletal system; introduction to genetics; and the reproductive systems. (Formerly HLTH 202)

**HLTH 252 *Drugs in Society*** 3 hours  
 An examination of alcohol, tobacco and other drugs effects upon individual, school and community.

**HLTH 299 *Internship*** 0 hours  
 Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
 Practical work experience in an approved health agency, supervised by a qualified health specialist. Application procedures processed through the Career Center. Must apply semester prior to internship.

**HLTH 301 *Principles of Health Education*** 2 hours  
 Prerequisites: Sophomore status; students must be enrolled in the Health Promotion (CHES) program  
 This course provides core information about the Health Education discipline. Professional topics such as the history of the profession, scope of practice, ethics, advocacy, membership in professional organizations, community responsibilities, preparation for job interviews, and preparation for the CHES exam, are presented.

**HLTH 311 *Health Promotion Methods for Global Settings*** 3 hours  
 Prerequisite: Completion of at least one academic year  
 This practical course applies health promotion theory through methods and materials designed for international settings. Non-formal methods are especially introduced to the learners. This course is ideal for those desiring to serve in overseas settings (the two-thirds world) for ministry and service. Non-health majors are welcome, especially those with a heart for missions and for serving the needy.

**HLTH 330 *Human Nutrition*** 3 hours  
 Prerequisites: Biology or chemistry course  
 Chemical structure, function, digestion, metabolism and biochemical interrelationships of nutrients relating to life cycle, current issues and diet selection.

**HLTH 333 *Exercise and Sports Nutrition*** 3 hours  
 Prerequisites: EXSC 310  
 This course focuses on nutrition with an emphasis on its role in exercise and sport performance. Topics include: macro/micro-nutrient metabolism in relation to exercise, hydration, body composition, ergogenic aids, disordered eating, and current nutritional recommendations.

**HLTH 340 *Women’s Health Issues*** 3 hours  
 Prerequisites: Women only; Junior or Senior status  
 This course provides female students with an overview of contemporary health issues across the lifespan, within the framework of health education and health promotion. It prepares students with both knowledge and competencies to best minister to other women, in formal and informal settings, from a Christian perspective.

**HLTH 350 *Introduction to Public and Community Health*** 3 hours  
 An introduction to public and community health issues or problems at the local, state and national levels.

**HLTH 380 *Health Promotion for Aging Populations*** 3 hours  
 The study of the process of aging and the interrelationships among the five dimensions of health as they relate to aging. Emphasis is placed on health promotion and disease prevention at all ages as the path to living a full life in later years.

**HLTH 400 *Contemporary Health Issues*** 3 hours  
 Prerequisite: Junior or Senior status  
 As an integrative study course, classes examine health trends in America. The focus is on personal health / medical decisions relevant to Christians. Topics include but are not limited to: marital choices, addictions, common infectious and chronic diseases, mental illness, aging, dying and death, and predictions of future health events of the next 50 years.

**HLTH 402 *The School Health Program*** 3 hours  
 Prerequisite: Junior status  
 School health program philosophy and K-12 curriculum are discussed with an emphasis on policies, procedures and methods for the teaching of health education.

**HLTH 420 *Principles of Behavior Change and Health Counseling*** 3 hours  
 Prerequisite: Junior status  
 A study of theory and practice of behavioral change or verification that leads to a healthy lifestyle. Group and individual intervention techniques with follow-up health counseling theory and application will be emphasized.

**HLTH 440 *Methods and Resources in Teaching Applied Sciences in Schools*** 2 hours  
 (Offered fall semester)  
 Prerequisite: HLTH 402  
 A study of classroom related instruction in applied sciences with an emphasis on delivery system, student needs and materials that can be utilized.

**HLTH 441 *Methods and Resources in Teaching Applied Sciences in School Practicum*** 1 hour  
 (Offered fall semester)  
 Prerequisite: to be taken concurrently with HLTH 440  
 The student will be required to prepare a unit, teach in a secondary classroom setting and evaluate the experience.

**HLTH 444 *Principles of Epidemiology and Biostatistics*** 3 hours  
 Prerequisite: MATH 201 or consent of the instructor  
 A study of epidemiology, the basic science of public health. Epidemiology will be viewed as: 1) a quantitative basic science built on sound research methods; 2) a method of causal reasoning based on developing and testing hypotheses pertaining to the occurrence and prevention of morbidity (disease) and mortality (death); and 3) a tool for public health action to promote and protect the public’s health.

**HLTH 452 *Methods and Materials in Community Health Education*** 3 hours  
 Development, usage and evaluation of print and non-print materials and methods for health educators in the community setting.

**HLTH 453 *Program Planning and Evaluation in Health Education*** 3 hours  
 A study of the theories, models, and processes that reflect best practice in assessment, planning, implementation, and evaluation of health education programming.



**HLTH 488 Infectious Disease** 3 hours

Prerequisite: BIOL 203 or 303

Infection is the invasion and multiplication of micro-organisms in or on body tissue that produce signs and symptoms, as well as, an immune response. This course will examine the epidemiology of various bacterial, viral, fungal, protozoal, and helminthic infections, with application for students interested in health promotion and disease prevention at home, overseas, and on the mission field.

**HLTH 491 Grantsmanship** 3 hours

An introduction to the world of public, corporate and private foundations. Topic research, organizational communications, protocol, budget development and grant writing are emphasized skill areas.

**HLTH 495 Directed Research** 1 to 3 hours

**HLTH 497 Special Topics in Health** 1 to 3 hours

A comprehensive study of health promotion principles and problems in selected areas of health science which may include: stress management, weight control, environment, smoking cessation, family life education, human diseases, etc. (May be repeated to a total of six hours in different content areas.)

**HLTH 499 Professional Internship in Health Promotion** 2 to 12 hours

Prerequisites: Consent of instructor; required cumulative GPA of 2.35; HLTH 452 and 453; CPR/First Aid Certification; Junior or Senior status

Practical work experience in an approved health agency, supervised by a qualified health specialist. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**HONORS**

**HONR 395 Quantitative Research Methods and Design** 3 hours

Prerequisites: Junior Status

This course examines an overview of various types of quantitative research, theory and design of research problems and experiments in various subfields, communication of research proposals and results, and evaluation of current research and review of current literature.

**HONR 495 Senior Honors Thesis** 3 hours

This individually designed thesis will be directed by a faculty member from the honor student's major department in consultation with the department chairperson and the Director of the Honors program.

**HUMAN SERVICES**

**HSER 201 Survey of Human Services** 3 hours

This course explores the complexities of the Human Services field, such as, the macro-mechanics of the service delivery system, the variety of professionals within the field, and the diversified population groups receiving specialized services. It provides the student with a historical perspective and it explores the societal values that served as a catalyst for the implementation of the policies that influence the delivery of human services.

**HSER 301 Human Services Practices** 3 hours

Prerequisite: HSER 201

The purpose of this course is to prepare students for work in human services. The focus is practical in what to expect in the work setting in terms of managing both specific population groups as well as the various entities providing services. Students will examine the dynamics of clients, agency, and the self as the representative and provider of services. The course will help students understand the complex religious, moral, economic, and political aspects of human services practice when interacting with

a variety of people. The student will be exposed to a broad range of ideas about the philosophies and practices of the various agencies and will be challenged to identify their own beliefs about the role of helping others in a professional context.

**HSER 499 Internship** 3 hours

Prerequisite: Senior Status; Human Service Major

A course that provides students the opportunity to observe human behavior within the human services profession. Applications are processed through the department Faculty Intern Advisor. And, all applicants must apply the semester prior to starting the internship.

**HEATING, VENTILATION, AIR CONDITIONING**

**HVAC 101 Foundations of HVAC** 4 hours

Co/Prerequisite: CRFT 101

Foundations of HVAC is a practical course combining lecture and hands-on instruction. Topics include: Introduction to HVAC; Trade Math; Copper and Plastic Piping Practices; Soldering and Brazing; Ferrous Metal Pipe Practices; Basic Electricity; Introduction to Cooling; Introduction to Heating; Air Distribution Systems.

**HVAC 201 Intermediate HVAC** 4 hours

Prerequisite: HVAC 101

Intermediate HVAC is a practical course combining lecture and hands-on instruction. Topics include: Commercial Airside Systems; Chimneys, Vents and Flues; Introduction to Hydraulic Systems; Air Quality Equipment; Leak Detection, Evacuation, Recovery and Charging; Alternating Current; Basic Electronics; Introduction to Control Circuit Troubleshooting; Troubleshooting Gas Heating; Troubleshooting Cooling; Heat Pumps; Basic Installation and Maintenance Practices; Sheet Metal Duct Systems; Fiberglass and Flexible Duct Systems.

**HVAC 301 Advanced HVAC** 4 hours

Prerequisite: HVAC 201

Advanced HVAC is a practical course combining lecture and hands-on instruction. Topics include: Refrigerants and Oils; Compressors; Metering Devices; Retail Refrigeration Systems; Commercial Hydraulic Systems; Steam Systems; Planned Maintenance; Water Treatment; Troubleshooting Electronic Controls; Troubleshooting Oil Heating; Troubleshooting Heat Pumps; Troubleshooting Accessories.

**HVAC 401 Special Topics in HVAC** 4 hours

Prerequisite: HVAC 301

Special Topics in HVAC is a practical course combining lecture and hands-on instruction. Topics include: Construction Drawings and Specifications; System Balancing; Indoor Air Quality; Energy Conservation Equipment; Building Management Systems; System Startup and Shutdown; Heating and Cooling System Design; Commercial and Industrial Refrigeration Systems; Alternative Heating and Cooling Systems; Introduction to Supervisory Skills.

**INDIVIDUALIZED/INTERDISCIPLINARY STUDIES**

**INDS 400 Knowledge Synthesis for Professional and Personal Development** 3 hours

Prerequisite: Senior standing

Designed to assess student mastery of content knowledge for the Individualized Studies and Interdisciplinary Studies degree programs, this capstone course requires students to produce a carefully organized summation and synthesis of accomplishments, learning, and goals related to their undergraduate degree program at Liberty University. Throughout this process, students will discover a greater understanding of transferable skills and qualifications and how these relate to career opportunities and/or graduate school respectively.

**INDS 499** *Integration of Faith and Learning Through the Washington Fellowship Seminar* 6 hours

Prerequisite: Enrollment in Washington Semester Fellowship

This course provides students with hands-on practice in faith and learning integration as they complete an internship in Washington, D.C. as part of the Washington Semester Fellowship. Students not only complete all requirements for the Washington Semester Fellowship, but they also complete a reflective project that synthesizes their on-the-job experiences with the worldview training they receive as part of the program. Course may count for a maximum of three of the six credits to be earned as Integrative courses for the Bachelor of Arts degree.

**INFORMATICS****INFO 305** *Quality Management and Decision Support* 3 hours

Prerequisite: BMIS 200

Explores the quality of patient care, quality management techniques and related decision-support practices, and evaluates the impact of Computerized Provider Order Entry (CPOE) on the quality, safety, and efficiency of health care data, decision-modeling techniques, incorporating comparative analysis, simulation, optimization, and decision analysis designed to increase the efficiency and effectiveness of decision support within the healthcare system.

**INFO 310** *Foundations of Pharmacology* 3 hours

Prerequisite: NURS 105 and INFO 305

Foundational view of the relationship between pharmacologic and pharmacokinetic knowledge; safe administration of medication; emphasis on the reasoning behind the selection of route, dosage, and dosing schedules of medications provided to patients across their lifespan; legal and professional issues surrounding the safe administration of medication.

**INFO 320** *Healthcare Informatics* 3 hours

Prerequisite: INFO 305

Evaluates the needs of end users within the healthcare system; multi-phase project planning, evaluation, adoption, and management of new technologies centered on effectively and efficiently exchanging electronic health information; evaluation of medical practice workflows and exploration of the functional needs of end-users while analyzing the fiscal and human resource commitments needed in diverse settings.

**INFO 321** *Healthcare Coding and Classification* 3 hours

Prerequisite: INFO 305 and INFO 320

Development of coding and classification systems; analysis of the structure and organization of the medical coding functions within the healthcare system; emphasizing the importance on ICD and CPT coding considerations, process evaluation and improvement, billing reimbursement, and related reporting issues central to effective and efficient operation and compliance.

**INFO 405** *Informatics Information Systems* 3 hours

Prerequisite: BMIS 200

An examination of expert, bio, and clinical decision support systems and technology; management of data in database management systems; data mining; informatics systems analysis, design, and implementation.

**INFO 410** *Healthcare Enterprise Systems* 3 hours

Prerequisite: BMIS 200 and INFO 305

Healthcare enterprise architecture planning, methodology, and frameworks; medical classification and coding systems including electronic health record system design and implementation.

**INFORMATION TECHNOLOGY****INFT 102** *PowerPoint®* 1 hour

An introduction to the basics of Microsoft® PowerPoint which includes creating and editing presentations, slide design, layout, transitions and animation. Topics including tables, pictures, Word Art and charts will be included in the course.

**INFT 103** *Excel®* 1 hour

An introduction to the basics of Microsoft® Excel which includes creating and analyzing data through the use of performing calculations and various formulas. Topics include entering data in a cell, constructing formulas, formatting worksheets, using the SUM function and creating charts based on data from the spreadsheet.

**INFT 104** *Word®* 1 hour

An introduction to the basics of Microsoft® Word which includes creating professional documents, editing and formatting documents and generating reports. Topics include inserting text, graphics and tables as well as modifying text boxes, tabs and general paragraph alignment.

**INFT 105** *Introduction to Information Literacy* 1 hour

An introduction to the information literacy skills and resources needed for academic research and lifelong learning. Students will learn to identify, assess, organize, and report information responsibly, including library print and electronic materials as well as web resources.

**INFT 110** *Computer Concepts and Applications* 3 hours

This course will introduce the student to the operation and use of computers. Specific applications taught include operating systems, word processing, spreadsheets, and presentation software. In addition, students will learn basic terminology and concepts related to the use of computers in today's society.

**JOURNALISM****JOUR 220** *News Writing & Reporting I* 3 hours

Prerequisites: ENGL 101: Grade of C or better

This course provides a survey of media journalism formats and writing techniques for each. The course is designed to enhance the appreciation of the journalism professional as well as provide an understanding of the basic techniques used by the professional to inform for both broadcast and written forms of media. Students will write objective news stories using the inverted pyramid and complete circle, produce copy for broadcast news stories, create online news stories and be introduced to the basics of blogging.

**JOUR 225** *Media Writing* 3 hours

Prerequisites: SCOM 110 & SCOM 220

This course provides a survey of mass communication media formats and writing techniques from news for print and broadcast, to advertising and public relations. The course is designed to enhance the appreciation of the mass communication professional as well as provide an understanding of the basic techniques used by the professional to inform and/or persuade audiences. Students will write news stories, produce copy for broadcast news, create an advertising package, and develop a public service announcement. (Formerly COMS 220)

**JOUR 354** *News Writing and Reporting II* 3 hours

Prerequisites: SCOM 110 & SCOM 220

The study and practice of news story preparation, including a step-by-step breakdown of each stage of story development for both print and electronic media. The student will concentrate on learning to write reporting style, which is different from expository writing. The student will develop responsibility for the accuracy and clarity of the work from gathering the information to assembling it into an article intended to inform and perhaps persuade. (Formerly COMS 354)

**JOUR 356 Social Media Writing** 3 hours

Prerequisites: JOUR 220

This course explores writing for various social media platforms and how they fit into a marketing plan. Students learn practical techniques used in producing social media content that promotes audience affinity and loyalty.

**JOUR 358 Strategic Web Writing (Blogging)** 3 hours

Prerequisites: JOUR 220 or JOUR 225

This course covers the study and practice of writing blogs for information, promotion, persuasion, and entertainment. The students will learn to craft their writing efforts in order to reach a variety of different audiences, including writing for media, businesses, nonprofit organizations and personal platforms. This course will allow students to build a portfolio.

**JOUR 360 Leadership through Communication** 3 hours

Prerequisites: COMS 101

This course features a hands-on approach that allows students to develop news stories using a variety of traditional media as well as social media such as Twitter, Facebook and Instagram. The media convergence class will help the student prepare material that is suitable for a portfolio.

**JOUR 370 Sports Writing & Reporting** 3 hours

This course provides a survey of sports writing styles and will examine the elements that comprise a well-written sports story or column including such elements as narrative flow, colorful detail and appropriate quotations.

**JOUR 373 Editorial and Opinion Writing** 3 hours

A study in presenting opinions in a persuasive manner through research and writing. Students will develop skills to produce a commentary on contemporary issues that inform, persuade and change attitudes and actions. (Formerly COMS 373)

**JOUR 374 Magazine Writing/Editing** 3 hours

Prerequisites: SCOM 110, JOUR 220

An advanced magazine writing course focusing on writing and selling full-length magazine articles with additional emphasis on magazine article editing and knowledge of the marketplace. (Formerly COMS 374)

**JOUR 375 Community Reporting** 3 hours

Prerequisites: JOUR 220

Examines the principles and practices of community journalism, offering students extensive hands-on experience in writing localized content. Special emphasis is given to the individual and group creation of targeted content.

**JOUR 390 Champion Practicum** 1 hour

This course provides opportunities to apply what has been explored in the classroom through the operation of The Liberty Champion, our Liberty University student-run newspaper. Practicum is designed to enhance those acquired skills and knowledge and provide the student with the opportunity to build a portfolio for employment. (Ad/PR students should request a sales assignment.) (Formerly COMS 390)

**JOUR 391 Advertising Design and Photography Practicum** 1 hour

This course provides opportunities to apply what has been explored in the classroom in the area of advertising design. Practicum is designed to enhance those acquired skills and knowledge and provide the student with the opportunity to build a portfolio for employment, using real clients and their advertising placed in the Champion newspaper. (Formerly COMS 391)

**JOUR 396 Advertising Practicum** 1 hour

A practical hands-on experience in raising support for noncommercial radio and TV through sales. (Formerly COMS 397)

**JOUR 482 Senior Projects** 3 hours

Prerequisites: ARTS 340 or 341, DIGI 225 or DIGI 224, JOUR 354

This is a capstone course and a requirement for Digital Media and Communication Arts majors in the Journalism concentration. In a culminating activity, students produce three stories of professional quality designed for digital multimedia platforms. Students attend a weekly seminar and work independently under the supervision of a faculty member. Students will be required to immerse themselves in a specific beat such as education, business, medicine, sports, etc. for their news content.

**JOUR 485 Investigative Reporting** 3 hours

An in-depth study of research, story development, interview techniques and writing for investigative stories in mass media. Critical thinking and analysis will be developed as students review court documents and interview witnesses of cases and seek to evaluate the evidence. Research will be developed into a news story. (Formerly COMS 485)

**JOUR 498 Professional Practicum** 1 hour

Prerequisites: JOUR 354, ARTS 340 or 341, DIGI 225 or DIGI 224

This is a course designed for senior who are working for an on campus media group as an editor or producer. It is meant to give academic credit for the experience that gain as a leader for media outlet.

**KINESIOLOGY**

**KINE 101 Physical Fitness** 1 hour

A basic course in fundamentals of personal physical fitness. Emphasis is given to concepts of aerobic exercise, strength and flexibility development.

**KINE 207 History and Foundations of Physical Education** 2 hours

An overview of the physical education teaching profession. Instructional emphasis is on the historical development, philosophical perspectives, curricular programs, and current problems and issues of physical education.

**KINE 208 Motor Learning** 2 hours

A study of the principles involved in the development of human motor/sport skills. Instructional emphases focuses on the processes underlying skilled performance and the application of principles of skilled performance and learning in teaching, coaching, and rehabilitation settings.

**KINE 209 Motor Learning Lab** 1 hour

Lab sessions designed to give students the opportunity to experience problem-solving situations involving motor learning research findings applicable to exercise, sport, and rehabilitation settings.

**KINE 210 – Pedagogical Sport/Activity Courses** 1 hour

**KINE 215**

Prerequisites: Kinesiology Major or Minor or consent of instructor

These sport/activity courses are designed for Kinesiology majors and minors as well as other interested students. Appropriate teaching techniques and skill competencies for each sport/activity are emphasized. The fundamental skills, relevant strategies, and applicable rules of the sports and/or activities listed will be included. Each sport or activity will provide the student a means for achieving psychomotor, cognitive, and affective development.

**KINE 210 Softball/Volleyball** 1 hour

**KINE 211 Basketball/Soccer** 1 hour

**KINE 212 Innovative Games** 1 hour

**KINE 213 Racquet Sports** 1 hour

**KINE 214 *Tumbling and Rhythmic Activities*** 1 hour

This professional activity course is designed primarily for Kinesiology majors as well as other interested students. Teaching techniques as well as personal skill competencies in tumbling and rhythms are emphasized. The basic steps used in fundamental tumbling skills, simple rhythmic activities, and creative activities will be included.

**KINE 215 *Track and Field/Flag Football*** 1 hour

**KINE 216 *Field Hockey*** 1 hour

This course will allow students to develop the physical, mental, and social skills necessary for participation in the sport of field hockey. Instructional emphases will focus on the basic skills, defensive tactics, offensive strategies, rules and scoring.

**KINE 217 *Lacrosse*** 1 hour

This course will allow students to develop the physical, mental, and social skills necessary for participation in the sport of lacrosse. Instructional emphases will focus on the basic skills, defensive tactics, offensive strategies, rules and scoring.

**KINE 218 *Tennis*** 1 hour

This course will allow students to develop the cognitive, affective, and psychomotor skills for the beginning tennis player. Instructional emphases will focus on ground strokes, serve, volley, lob, overhead smash, return of serve, playing strategies, rules and scoring.

**KINE 219 *Mountain Biking*** 1 hour

This course will introduce the sport of mountain biking to students with varying bicycling experience. The history of mountain biking, riding styles, bicycle maintenance/ repair, and the beneficial effects of the sport will be included.

**KINE 220 *Bowling*** 1 hour

This course will allow students to develop the basic skills of bowling. It will also provide them with the opportunity to participate in a “handicapped” league style format for 13 weeks.

**KINE 221 *Golf*** 1 hour

This course will allow students to develop the physical, mental, and social skills necessary for playing golf. Instructional emphases will focus on complete swing, driving, approach shots, putting, etiquette, rules and scoring.

**KINE 223 *Beginning Running*** 1 hour

This course is designed for the beginning runner to acquire knowledge of the physiological, psychological, social and mental hunger as a result of a long-term running program. Instructional emphases will focus on the effect of diet on a runner, different running styles, conditioning programs/strategies, and the positive and negative effects of running.

**KINE 224 *Advanced Running*** 1 hour

This course will allow committed runners to take their level of fitness, training, and running expertise to a higher level. Requirements will be more substantial than KINE 223.

**KINE 225 *Weight Training/Conditioning*** 1 hour

This course will allow students to develop knowledge in both the theoretical and practical applications of weight training and conditioning as a means of promoting physical fitness. Instructional emphases will focus on principles and techniques of properly lifting and spotting strength training exercises.

**KINE 226 *Wrestling*** 1 hour

This course will allow students to develop the physical, mental, and social skills necessary for participation in American wrestling. Instructional emphases will focus on fundamental skills (stances, holds, moves), conditioning, competitive strategies, rules and scoring.

**KINE 228 *Beginning Swimming*** 1 hour

This course will allow students to develop cognitive, affective and psychomotor skills for the beginning swimmer. Instructional emphases will focus on the basic skills of swimming including breath control, floating, and sculling. Additionally, students will

learn the front crawl, back crawl, elementary backstroke, sidestroke, breaststroke, and basic water safety skills.

**KINE 229 *Intermediate/Advanced Swimming*** 1 hour

This course will allow students to develop cognitive, affective and psychomotor skills for the intermediate swimmer. Instructional emphases will focus on the intermediate strokes of swimming including the front crawl, back crawl, elementary backstroke, sidestroke, and breaststroke as well as advanced water safety skills. Additionally, students will participate in a variety of aquatic fitness activities.

**KINE 230 *Lifeguard Training (American Red Cross)*** 2 hours

Prerequisites: Intermediate level swimming competency, current adult CPR certification, and first aid course certification

The course is designed to teach emergency water safety skills as well as knowledge and performance of non-swimming and swimming assists, water entries, defenses and escapes, and rescue skills. Successful completion of this course will result in Red Cross Lifeguard Training Certification.

**KINE 231 *Water Safety Instructor (American Red Cross)*** 3 hours

Prerequisites: Swimmer level swimming competency and current certificate of American Red Cross Emergency Water Safety or Lifeguard Training Course

The course will qualify participants to teach all levels of swimming in progressive swimming courses as well as how to plan, organize and conduct these classes. Health and safety and education methods are emphasized. Successful completion of this course will result in Red Cross Water Safety Instructor Certification.

**KINE 232 *Recreational Sports*** 1 hour

This course will allow students to develop cognitive, affective, and psychomotor skills for a variety of recreational sports and/or activities. Instructional emphases will focus on the basic skills necessary to participate, rules and scoring (if applicable) and relevant strategies.

**KINE 233 *Karate*** 1 hour

This course will allow students to develop basic self-defense in using Karate skills. Various kicking and striking techniques will be examined as related to self-defense issues.

**KINE 234 *Hapkido*** 1 hour

This course will allow students to develop basic self-defense as it relates to the theories and principles of Hapkido. Various kicking and striking techniques will be examined as related to self-defense situations.

**KINE 245 *PE Observations in Schools*** 1 hour

This course is designed to provide exposure to the teaching of physical education in the elementary school setting and adapted physical education for the exceptional child. The student must observe a minimum of twenty hours in an elementary program.

**KINE 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Practical work experience in an approved exercise or fitness-related agency, physical or occupational therapy clinic, chiropractic office, or similar setting supervised by a qualified professional. Application procedures processed through the Career Center. Must apply semester prior to internship.

**KINE 322 *PE Student Aide: Elementary*** 1 hour  
(Offered spring semester)

Prerequisites: KINE 245; must be taken with KINE 450

A sequence of selected practicum experiences designed to involve the student with actual assisting and teaching physical education to elementary school. The student is assigned a minimum of 20 hours of practicum work under the supervision of physical educators in a local elementary school.

- KINE 326 PE Student Aide: Secondary** 1 hour  
(Offered fall semester)  
Prerequisites: KINE 245; must be taken with KINE 451  
An assigned practicum experience designed to involve the student actual assisting in teaching physical education classes in a middle or secondary school setting. The student must complete 20 hours of practicum work under the supervision of a physical educator in one of the local schools.
- KINE 333 Adapted Physical Activity** 2 hours  
Prerequisite: Junior status  
Methods of classification of exceptional students, program planning and teaching of activities appropriate to needs of the handicapped are examined.
- KINE 334 Adapted Physical Activity Lab** 1 hour  
Prerequisite: Junior status  
Teaching methods of activities appropriate to the needs of exceptional students are examined. Addresses the importance of adapting physical education programs to meet the unique needs of exceptional students.
- KINE 352 Teaching Physical Education in the Elementary School** 2 hours  
Prerequisite: Junior status  
An introduction to games and play activities which are suitable for elementary-aged students. Activity selection, planning and teaching methods are stressed. This course is designed for the elementary physical education concentration.
- KINE 404 Administration and Organization of Physical Education, Exercise and Fitness** 3 hours  
Prerequisite: Junior status  
A study of the problems and considerations involved in the successful management of physical education programs. Areas considered include program planning, budgeting, facility design and organization, and current organizational trends.
- KINE 435 Seminar for Student Teachers** 2 hours  
Prerequisites: Admission to Student Teaching; taken concurrently with EDUC 476 and 477  
Seminar sessions will involve discussion of topics relevant to health and physical education instruction. Students will share experiences from student teaching and gain insights from readings and professionals in the field of education.
- KINE 450 Elementary Physical Education Methods** 3 hours  
(Offered spring semester)  
Prerequisites: KINE 207, 208; Junior status  
This course is designed to provide instruction in the physical education curriculum for elementary school settings. Areas of emphasis include class management, curriculum development, skill progressions, teaching methods and movement activities for grades K-6.
- KINE 451 Secondary Physical Education Methods** 3 hours  
(Offered fall semester)  
Prerequisites: KINE 207, 208, Junior status  
The course is designed to provide the student with a thorough understanding of the teaching-learning process in middle and high school settings. The student will learn how to plan and present progressive learning tasks, develop effective teaching skills, analyze and evaluate the instructional process, and design curricular materials.
- KINE 495 Independent Study** 1 to 3 hours  
Prerequisites: Permission of the Department Chairman, Junior status and a minimum cumulative GPA of 2.50  
A research-oriented project in an approved topical area or an independently-completed course of study in a specially designed area. Generally available only for Physical Education majors who have unusual and specific program needs.

- KINE 497 Special Topics in Kinesiology** 1 to 3 hours

### LINGUISTICS

- LING 213 Introduction to Linguistics** 3 hours  
Introductory, descriptive study of language, including syntactic, morphological, phonological, semantic, and pragmatic analysis of language. Students will choose one other area of the discipline of study, such as psycholinguistics, sociolinguistics, or language acquisition. (Formerly MLAN 213)
- LING 280 Field Language Learning** 3 hours  
A course for learning how to learn a foreign language without a teacher; especially designed for international workers.
- LING 300 Introduction to Cultural Anthropology** 3 hours  
A course designed to heighten awareness and understanding of our culturally diverse world, via the study of systems of human behavior for the purpose of improving understanding of, and relations between, people. Several case studies will be used to illustrate these systems. (Formerly MLAN 300)
- LING 305 Linguistic Analysis** 3 hours  
Prerequisites: LING 213  
In this course, students will learn how to analyze linguistic data in the fields of phonology, morphology, and syntax, through problem sets drawn from a wide variety of world languages.
- LING 451 Phonetics and Phonology** 3 hours  
Prerequisites: LING 213, 305  
This course concerns the analysis and voice production of sound systems that compose individual human languages. The purpose is to equip students to analyze and describe in phonological terms the inherent sound patterns and systematic variations that make up comprehensible speech.
- LING 452 Morphology and Syntax** 3 hours  
Prerequisite: LING 305  
This course provides a comprehensive introduction to morphological/syntactic theory and analysis. It requires students to formulate hypotheses and test them against data from English and other languages.
- LING 453 World Languages** 3 hours  
Prerequisites: LING 213, 305  
This course is a study of the phonology, morphology, and syntax of a selection of world languages which illustrate both the similarities and the differences among languages. Syntactic and morphological features will be observed in terms of their typological implications and the question of language universals.
- LING 495 Directed Research** 1 to 3 hours  
Prerequisite: Junior or senior status  
Students who qualify will pursue studies of a particular interest as approved and supervised by the instructor. Must apply semester prior to completing internship.
- LING 499 Internship in Linguistics** 3 hours  
Prerequisites: Junior or senior status, 3:00 GPA, two courses in minor above 200 level.  
Professional-supervised experience in first-hand internship opportunities in Linguistics. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### MASONRY

- MASN 101 Foundations in Masonry** 4 hours  
Co/Prerequisite: CRFT 101  
Foundations of Masonry is a practical course combining lecture and hands-on instruction. Topics include: Introduction to Masonry; Masonry Tools and Equipment; Measurements, Drawings and Specifications; Mortar; Masonry Units and Installation Techniques.

**MASN 201 Intermediate Masonry** 4 hours  
 Prerequisite: MASN 101  
 Intermediate Masonry is a practical course combining lecture and hands-on instruction. Topics include: Residential Plans and Drawing Interpretation; Residential Masonry; Grout and Other Reinforcement; Metal Work in Masonry; Advance Laying Techniques; Construction Techniques and Moisture Control; Construction Inspection and Quality Control.

**MASN 301 Advanced Masonry** 4 hours  
 Prerequisite: MASN 201  
 Advanced Masonry is a practical course combining lecture and hands-on instruction. Topics include: Masonry in High Rise Construction; Specialized Materials and Techniques; Repair and Restoration.

**MASN 401 Special Topics in Masonry** 4 hours  
 Prerequisite: MASN 301  
 Special Topics in Masonry is a practical course combining lecture and hands-on instruction. Topics include: Commercial Drawings; Estimating; Site Layout-Distance Measurement and Leveling; Introductory Skills for the Crew Leader.

### MATHEMATICS

**NOTE: No credit for graduation may be granted for a Math course which is prerequisite material for a course the student has already completed with a grade of “C” or better.**

**MATH 100 Fundamentals of Mathematics** 3 hours  
 A review of basic arithmetic and elementary algebra. Open to all students but required of students with low scores on Liberty University placement tests and inadequate preparation in mathematics. A grade of C or better is required in order to go on to a higher-numbered mathematics course. This course may not be used in meeting General Education requirements in mathematics. (Developmental Math is a component of the Bruckner Learning Center.)

**MATH 108 Elementary and Intermediate Algebra** 3 hours  
 This course is a self-paced computer-based review of rational numbers, exponents, polynomials, factoring, roots and radicals, graphing, rational expressions, equations and inequalities, systems of linear equations, and problem solving. It meets the prerequisite requirements for MATH 115, 117, 121, 125, 201, 217. Credit may not be earned for both MATH 108 and 110. This course may not be used to meet the General Education Requirements. (Developmental Math is a component of the Bruckner Learning Center.)

**MATH 110 Intermediate Algebra** 3 hours  
 Prerequisite: MATH 100  
 Review of exponents, polynomials, factoring, roots and radicals, graphing, rational expressions, equations and inequalities, systems of linear equations and problem solving. This course may not be used to meet the General Education requirement. (Developmental Math is a component of the Bruckner Learning Center.)

**MATH 112 Technical Mathematics** 3 hours  
 Prerequisite: MATH 100, 450+ on SAT Math, or 18+ on ACT Math.  
 Technical Mathematics presents a review of arithmetic, elements of algebra, geometry, trigonometry, and vectors. Direct applications are made to technical study areas. Only fulfills General Education requirements for AAS degrees.

**MATH 115 Mathematics for Liberal Arts** 3 hours  
 Prerequisite: MATH 110, minimum grade of “C”  
 A survey course for liberal arts majors including a review of algebra and an introduction to logic, probability and statistics, mathematical structure, problem solving, number theory, geometry and consumer applications.

**MATH 117 Elements of Mathematics** 3 hours  
 Prerequisite: MATH 110, minimum grade of “C”  
 A development of basic concepts of elementary mathematics, including problem solving, logic, sets and binary operations, the natural numbers and their properties, deductive reasoning and the nature of proof, the integers, rational numbers, real numbers and their properties, relations, functions, and graphs.

**MATH 121 College Algebra** 3 hours  
 Prerequisite: MATH 110, minimum grade of “C”  
 Fundamental concepts of college algebra including sets, equations and inequalities, functions and graphs, polynomials, rational functions, exponential and logarithmic functions, linear inequalities, and linear programming.

**MATH 122 Trigonometry** 3 hours  
 Prerequisite: MATH 121, minimum grade of “C”  
 Emphasizes the circular functions, their graphs and their inverses. A study of the trigonometric functions and their applications is included.

**MATH 125 Finite Mathematics** 3 hours  
 Prerequisite: MATH 110, minimum grade of “C”  
 An introduction to symbolic logic, principles of counting, elementary probability, matrices, vector spaces, and linear programming.

**MATH 126 Elementary Calculus for Business and Science** 3 hours  
 Prerequisite: MATH 121, minimum grade of “C”  
 An introduction to differential and integral calculus with emphasis on applications in the areas of business and science. For non-mathematics majors only.

**MATH 128 Elementary Functions and Coordinate Geometry** 4 hours  
 Prerequisite: MATH 121, minimum grade of “C”  
 A pre-calculus course that includes the study of elementary functions, their graphs and applications including polynomial, rational, algebraic functions, exponential, logarithmic and circular or trigonometric functions. For students with strong high school preparation in mathematics but who are not ready for calculus.

**MATH 131 Calculus and Analytic Geometry I** 4 hours  
 Prerequisites: MATH 128, minimum grade of “C”  
 Functions and graphs, exponential, logarithmic, inverse trigonometric, limits, the derivative, techniques of differentiation, continuity, applications of differentiation, L’Hospital’s Rule, the integral, the fundamental theorem of calculus and u-substitution. (MATH 133 is required for mathematics major or minors.)

**MATH 132 Calculus and Analytic Geometry II** 4 hours  
 Prerequisite: MATH 131 or ENGR 131, minimum grade of “C” and basic proficiency in a computer algebra system  
 A continuation of MATH 131. Techniques of integration, improper integrals, applications of integration, introduction to differential equations, sequences, infinite series, parameterizations of curves.

**MATH 133 Calculus with Mathematica Lab** 1 hour  
 Prerequisite: MATH 131 or ENGR 131 (may be taken concurrently)  
 This is intended to be an introductory Mathematica lab in which the topics of arithmetic, algebra, plotting, preparation of notebooks, limits, derivatives, related rates, optimization, integration, and other topics will be investigated.

**MATH 200 Introduction to Mathematical Reasoning** 3 hours  
 Prerequisite: MATH 132, minimum grade of “C”  
 This is a course in the principles of mathematical reasoning and the construction of proofs. It begins with symbolic logic and then studies direct and indirect methods and proof by induction. Examples from set theory, discrete structures, axiomatic systems,

recursion, and basic algebraic structures (groups, rings, fields) are used to illustrate the methods.

**NOTE: Only one of MATH 201 or 211 may be taken for credit. MATH 201 may not be substituted for MATH 211 degree completion program requirement.**

**MATH 201/ Introduction to Probability and Statistics** 3 hours  
**BUSI 230**

Prerequisite: MATH 110, minimum grade of “C”

Introduction to descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, chi-square tests, regression analysis, and correlation with applications in business and science.

**MATH 211 Introduction to Statistical Analysis** 3 hours

Prerequisite: MATH 132 (may be a co-requisite)

An introduction to statistical analysis for students with a background in calculus. Includes probability theory, probability distributions, expectation, statistical inference, regression and correlation.

**MATH 217 Elementary Geometry** 3 hours

Prerequisite: MATH 110, minimum grade of “C”

A development of basic concepts of elementary geometry including area, volume, compass and straight-edge constructions, polyhedra, tessellations, motions in the physical world, transformations, congruence and similarity.

**MATH 221 Applied Linear Algebra** 3 hours

Prerequisites: MATH 132 and ENGR 133, minimum grade of “C”

An elementary introduction to the essentials of linear algebra for SECS majors. Systems of linear equations and matrices, determinants, Euclidean vector spaces, eigenvectors, least-squares data fitting, diagonalization and numerical methods.

**MATH 231 Calculus and Analytical Geometry III** 4 hours

Prerequisite: MATH 132, minimum grade of “C”

Continuation of MATH 132. Geometry of vectors, paths, curvature, functions of several variables, graphs and parametric surfaces, partial derivatives, optimization, multiple integrals, curl, divergence, gradient, line and surface integrals, Theorems of Green, and Stokes, and Gauss.

**MATH 250 Introduction to Discrete Mathematics** 3 hours

Prerequisite: MATH 121 or 128 or MATH 131 or ENGR 131, minimum grade of “C”

Logic and proofs, set theory, Boolean algebra, functions, sequences, matrices, algorithms, modular arithmetic, mathematical induction and combinatorics.

**MATH 301 Methods of Operations Research** 3 hours

Prerequisite: MATH 211, minimum grade of “C”

Optimization (linear programming, Lagrange multipliers, etc.), transportation problems, applied probability (queuing theory, Markov chains, elementary theory of simulations), theory of games, decisions under uncertainty.

**MATH 302 Introduction to Experimental Design in Statistics** 3 hours

Prerequisite: MATH 211, minimum grade of “C”

Analysis of variance and block designs; simple linear regression, correlation and multiple regression; nonparametric statistics, chi-square tests.

**MATH 305 Modern Geometry** 3 hours

Prerequisite: MATH 200 or 250, minimum grade of “C”

A treatment of the foundations of modern Euclidean geometry and an introduction to non-Euclidean geometry with emphasis on hyperbolic geometry. Especially recommended for prospective high school mathematics teachers. Required for Virginia Licensure.

**MATH 307 Introductory Number Theory** 3 hours

Prerequisite: MATH 200 or 250, minimum grade of “C”

Divisibility, Division Algorithm, Euclidean algorithm, primes, greatest common divisor, Diophantine equations, congruencies, Chinese Remainder Theorem, number-theoretic functions, cryptology and other applications.

**MATH 321 Linear Algebra** 3 hours

Prerequisite: MATH 200 or 250, minimum grade of “C”

A beginning course in linear algebra and its applications. Includes systems of linear equations, linear programming, nullspace and rank of matrices, determinants, abstract vector spaces, bases, linear independence, spanning sets, linear transformations, characteristics and minimal polynomials, eigenvalues and eigenvectors, diagonalization, similarity, coordinate change, orthogonality, and matrix factorizations. Applications are added as time permits.

**MATH 331 Complex Analysis** 3 hours

Prerequisite: MATH 231, minimum grade of “C”

Field of complex numbers, polar representation and DeMoivre formula, complex functions, limits, continuity, differentiation, analytic and harmonic functions, elementary functions, contour integration, Taylor and Laurent series, residues, and applications.

**MATH 332 Advanced Calculus** 3 hours

Prerequisites: MATH 200 or 250 and MATH 231, minimum grades of “C”

Euclidean topology for n-dimensions, continuity and differentiability for vector-valued functions of several variables, the differential and derivative, Jacobian, applications of inverse and implicit function theorems, method of Lagrange multipliers, introduction to differential forms, generalized Stokes’ Theorem and applications.

**MATH 334 Differential Equations** 3 hours

Prerequisites: MATH 231 and PHYS 231, minimum grades of “C”

Differential equations of the first order and first degree, linear equations, variation of parameters, methods of undetermined coefficients, inverse operators, Laplace transforms, systems of differential equations, and applications.

**MATH 350 Discrete Mathematics** 3 hours

Prerequisite: MATH 200 or 250, minimum grade of “C”

Recurrence relations, relations, graph theory, languages, grammars, and finite-state machines.

**MATH 352 Numerical Analysis** 3 hours

Prerequisite: MATH 221 or MATH 321, minimum grade of “C”

Introduction to numerical techniques for problems such as interpolation, approximation, numerical differentiation and integration, differential equations, zeros of functions, solutions of linear systems, and error analysis.

**MATH 400 History of Mathematics** 3 hours

Prerequisite: At least one upper-level mathematics course with a minimum grade of “C”

The development of mathematics from ancient to modern times (19th century BC-19th century AD). Special emphasis is given to the period of the Greeks (600 BC - 200 AD), the development of the calculus (17th century), and the “modern” period (19th century).

**MATH 401 Introduction to Mathematical Statistics** 3 hours

Prerequisites: MATH 211 and 231, minimum grades of “C”

Probability concepts, moment generating functions, discrete and continuous distributions, bivariate distributions, distributions of functions of random variables, estimation.

**MATH 419 Teaching Mathematics in Secondary Schools** 2 hours

Prerequisite: At least one upper level mathematics course with a minimum grade of “C” and admission to the Educator Preparation Program. Must be taken the semester prior to student teaching in mathematics.

Special readings in the field of Mathematics Education, planning for mathematics instruction, and evaluation components of this course. May not be counted toward the Mathematics major.

**MATH 420 Teaching Mathematics in Secondary Schools Practicum** 1 hour

Prerequisite: Concurrent enrollment in MATH 419

As the students are developing proficiency in planning for mathematics instruction, evaluating and learning, they will also gain practical experiences by delivering instruction in a peer setting and/or regular school setting with videotaping. Each presentation is to be critiqued by the “teacher,” the course instructor and the student peers.

**MATH 421 Elementary Abstract Algebra I** 3 hours

Prerequisite: MATH 321, minimum grade of “C”

Elementary number theory, the theory of groups, sets and mappings, isomorphisms and homomorphisms of groups, the first isomorphism theorem, and a brief introduction to rings.

**MATH 422 Elementary Abstract Algebra II** 3 hours

Prerequisite: MATH 421, minimum grade of “C”

A continuation of MATH 421. The theory of rings and fields, integral domains, and the theory of polynomials.

**MATH 431 Real Analysis** 3 hours

Prerequisite: MATH 231 and 321, minimum grades of “C”

The real number system, sets and cardinality, topology of the real numbers, sequences and series, limits, continuity, uniform continuity and convergence, differentiation, and Riemann integration.

**MATH 450 Mathematics Capstone Seminar** 1 hour

Prerequisite: MATH 421 and MATH 431 (may be concurrently enrolled)

Integrate previous mathematical coursework and prepare and present mathematical research, both orally and in written form. Consider the relevance of the Christian worldview and a biblical ethical approach to the fields of science, mathematics and technology. Introduction to professional and graduate opportunities available to mathematics graduates.

**MATH 495 Directed Research** 1 to 3 hours

Prerequisite: Approval by department chairman

Exploration of a topic beyond that covered in any core course as preparation for graduate level mathematics or a professional career. It may be taken for credit more than once.

**MATH 497 Special Topics in Mathematics** 1 to 3 hours**MENTORING****MENT 100 Foundations for Academic Success** 3 hours

This course is designed to assist students in their academic adjustment to college. There is a focus on learning and application of study strategies and self-management skills. In addition, emphasis is placed on community and accountability which provide the foundation for academic success.

**MENT 101 Mentoring for University Transition** 1 hour

Prerequisite: Freshmen only

This course is designed to provide instruction in study strategies and life skills basic to the successful transition to the university. Within a small group setting, instructors will mentor students in their understanding and application of these concepts.

**MILITARY SCIENCE – ARMY ROTC****MISC 001 Leadership Applications** 1 hour

Basic leadership skills taught through classroom instruction, practical, and field exercises. Emphasis is placed on small unit leadership techniques and hands-on, practical experiences. Cadets are actively involved in the planning, conduct, and evaluation of the training in order to effectively develop small unit leadership and pre-commissioning skills.

**MISC 101 Fundamental Concepts** 1 hour

This course introduces cadets to fundamental components of service as an officer in the United States Army. These initial lessons form the building blocks of progressive lessons in values, fitness, leadership, and officership. Additionally, the semester addresses “life skills” including: fitness; communications theory and practice (written and oral); and interpersonal relationships. Upon completion of this semester, the cadets should be prepared to receive more complex leadership instruction.

**MISC 102 Basic Leadership** 1 hour

This course builds upon the fundamentals introduced in the previous semester by focusing on leadership theory and decision-making. Lessons in this semester include: problem solving; critical thinking; leadership theory; followership; group interaction; goal setting; and feedback mechanisms. Upon completion of this semester, cadets should be prepared to advance to more complex leadership instruction concerning the dynamics of organizations.

**MISC 201 Advanced Leadership** 1 hour

This course is the first of two designed to teach the principles of leadership. Building upon the fundamentals introduced in the first year, this course explores communication and leadership theory. The course emphasizes practical exercises, as students are increasingly required to apply communication and leadership principles. The course is dedicated to developing leadership and communication skills in the student with an understanding of their value to the Army. Topics discussed include: communication, leadership, and problem solving.

**MISC 202 Tactics and Officership** 1 hour

This course focuses on leadership by providing an extensive examination of the unique purpose, roles, and obligation of commissioned officers. It provides a look at our organizational values and their application to the decision-making process and leadership. The course contains a case study of Army leadership since the Vietnam War in the context of previous lessons of values, decision-making, and communication skills. The course also studies Principles of Tactics, Values and Ethics, and Officership.

**MISC 301 Small Unit Leadership** 2 hours

This course is the first of two that focus on leadership principles, small unit tactics, and the military planning process. The Leadership Development Process (LDP) is a component of this course as well as MISC 302. Other topics include light infantry tactics, motivational theory and techniques, and the role and actions of leaders. Emphasis is placed on applying the Troop Leading Procedures (TLPs) as a guide for planning, executing, and making decisions for complex operations. Cadets will learn military order formats and advanced communication skills to effectively present their plans.

**MISC 302 Small Unit Operations** 2 hours

This course continues to focus on doctrinal leadership and tactical operations at the small unit level started in MISC 301. It includes opportunities to plan and conduct individual and collective training to gain leadership and tactical experience. This course synthesizes the various components of training, leadership and team building. Upon completion, cadets will possess the fundamental confidence and competence of leadership in a small



unit setting. Following MISC 302, cadets will attend a challenging summer leadership camp.

**MISC 401 Leadership, Management, and Ethics** 2 hours

This course is the first of two designed to prepare cadets for the transition to lieutenant. The course emphasizes a continuation of leadership and management exercises intended to synthesize and integrate the principles of leadership learned in previous courses. Topics addressed include staff coordination, fundamental counseling methods, the Army Training Management System, ethical imperatives for the junior officer, and battlefield ethics.

**MISC 402 Transition to Lieutenant** 2 hours

This course is the culmination of officership training. The course emphasizes the skills required of newly commissioned officers and concludes with a capstone practical exercise entitled "Platoon Leader." Topics include: military justice and leadership; operational law; organizing for military operations; and administrative management and logistics. At the conclusion of this course, newly commissioned officers are prepared to meet the physical, moral, emotional, and intellectual leadership challenges facing the evolving Army in the 21st century.

**MISC 497 Special Topics in Military Science** 1–3 hours

**MUSIC**

**MUSIC 100 Fundamental Harmony and Musicianship** 3 hours

A preparatory course in the rudiments of music, stressing the reading and writing of music notation. This course is an elective and may not be used to meet requirements in general studies or for any major. Preparation for MUSC 105.

**MUSIC 103 Music Appreciation** 3 hours

An introduction to major musical styles (including representative composers and compositions) from Antiquity through the 21st century.

**MUSIC 105 Harmonic Practices and Theory I** 3 hours

Co-requisite: must be taken concurrently with MUSC 107

A practical introduction to harmonic, melodic, and rhythmic principles of music. Musical elements including key signatures, scales, intervals, chords, chord construction and chord progression are introduced as the foundation for harmonic analysis of traditional, contemporary Christian, popular, and jazz music. In addition to the study of common practice theory, special attention is given to the Nashville number system and jazz harmony practices as accepted methodology for music analysis. In-class Praxis provides students opportunity to reinforce learned concepts through collaborative group performance-based learning projects. (Formerly WMUS 103)

**MUSIC 106 Harmonic Practices and Theory II** 3 hours

Prerequisite: MUSC 105

Co-requisites: must be taken concurrently with MUSC 108; Group or private piano instruction for students needing to successfully pass the Piano Proficiency Examination (PPE)

Continuation of MUSC 105. Harmonic analysis, part-writing techniques, and chord construction are taught in conjunction with the Nashville Number System, jazz analysis, and traditional figured bass. Principles of tonal music are explored including major-minor seventh chords, major-major seventh chords, minor seventh chords, secondary dominant and leading tone chords, and altered or borrowed chords. Harmonic analysis, part-writing, and construction of rhythm charts are emphasized. In-class Praxis provides students opportunity to reinforce learned concepts through collaborative group performance-based learning projects. (Formerly WMUS 104)

**MUSIC 107 Musicianship I** 1 hour

Co-requisite: must be taken concurrently with MUSC 105.

Listening skills are developed through rhythmic, harmonic, and melodic dictation. Skills are refined through daily sight singing and rhythm exercises from a variety of styles. Special attention is given to tonal center referencing. The ability to identify harmonic rhythm while listening to a variety of musical styles. (Formerly WMUS 105)

**MUSIC 108 Musicianship II** 1 hour

Prerequisites: MUSC 105 and 107

Co-requisite: must be taken concurrently with MUSC 106

A continuation of MUSC 107. Further study of harmonic, rhythmic, and melodic dictation and continued development of tonal center referencing technique. Students continue to sharpen listening skills by identifying the harmonic rhythm of a variety of music genre. (Formerly WMUS 106)

**MUSIC 111 Group Piano I** 1 hour

(Classes meet two hours each week)

Enrollment by audition with Keyboard Instructor. A beginning course in piano for students with little or no experience in piano and for students needing remedial study to support MUSC 105, 120 or 121. Strategies for keyboard playing are realized through group instruction, communication of principles for good musicianship, practice room techniques, physical aspects of playing piano, and care of the instrument. MUSC 111 does not satisfy program requirements.

**MUSIC 112 Group Piano II** 1 hour

(Classes meet two hours each week)

Prerequisite: MUSC 111 or equivalent, or enrollment by permission of Instructor

A group course for students having limited but developing keyboard experience. Instruction includes technical exercises, chords and chord progressions, and development of music reading and performance skills. Fulfills the secondary instrumental requirement in keyboard. PPE preparation for one approved repertoire selection and *My Country, 'Tis of Thee*. (Formerly WMUS 140)

**NOTE: MUSC 111 and 112 taken consecutively are considered as equivalent to one semester of MUSC 141 by the School of Music.**

**MUSIC 120 Group Voice I** 1 hour

(Classes meet two hours each week)

Studies in vocal technique and the performance of various musical styles. Includes instruction in musicianship, and performance techniques. Fulfills the secondary vocal requirement. (Formerly WMUS 120)

**MUSIC 121 Voice (Freshman)** 1 or 3 hours

Private lessons in singing, based on department policies. Admission by audition. (Formerly WMUS 125)

**MUSIC 122 Voice (Freshman)** 1 or 3 hours

Prerequisite: MUSC 121

Continuation of MUSC 121, private lessons in singing, based on department policies.

**MUSIC 133 Contemporary Techniques in Composition I** 1 to 3 hours

Prerequisite: Permission of instructor

This course focuses on the new musical and technological techniques and aesthetics of contemporary film composing. Development of rudimentary skill in traditional and non-traditional composition practices using technology. Creation of short works emphasized.

**MUSC 139** *Contemporary Techniques in Composition II* 1 to 3 hours  
 Prerequisite: MUSC 133 or permission of instructor  
 Continuation of MUSC 133. This course focuses on continued investigation of the new musical and technological techniques and aesthetics of contemporary film composing. Continued development of skill in traditional and non-traditional composition practices using technology. Creation of short works reflecting diverse dramatic styles is emphasized.

**MUSC 141** *Private Piano (Freshman)* 1 or 3 hours  
 Prerequisite: Audition and/or permission of instructor.  
 Private lessons in piano, organ or harpsichord performance, based on department policies. Admission by audition. (Formerly WMUS 145)

**MUSC 142** *Private Piano (Freshman)* 1 or 3 hours  
 Prerequisite: MUSC 141  
 Continuation of MUSC 141, private lessons in piano or organ, based on department policies.

**MUSC 143** *Jazz Improvisation and Lab I* 3 hours  
 The development of instrumental and vocal improvisation skills incorporating harmony, melody, rhythm and form. Musical styles include traditional and contemporary jazz. Class structure is performance based. Each semester will culminate in a public performance featuring large and small groups.

**MUSC 150** *Group Guitar I* 1 hour  
 (Classes meet two hours each week)  
 A group guitar course designed for students with limited experience with the instrument. Instruction includes technical exercises, chords and chord progressions, and development of music reading and performance skills in classical, contemporary, gospel, and jazz styles. Fulfills the need for secondary instrumental requirement in guitar. (Formerly WMUS 150)

**MUSC 151** *Guitar, Strings, Brass, Woodwinds, Percussion (Freshman)* 1 or 3 hours  
 Prerequisite: Audition and/or permission of instructor  
 Private lessons in the instruments of the band or orchestra based on department policies. (Formerly WMUS 155)

**MUSC 152** *Guitar, Strings, Brass, Woodwinds, Percussion (Freshman)* 1 or 3 hours  
 Prerequisite: MUSC 151  
 Continuation of MUSC 151, Private lessons in the instruments of the band or orchestra based on department policies.

**MUSC 178** *The Worship Choir I* 1 hour  
 This large choral ensemble provides students opportunity to experience various styles of music in the choral tradition: classical, Black Gospel, pop, traditional gospel, worship and praise, scripture song, sacred classic, Southern Gospel, and more. In addition to literature, vocal, choral blend, and group discipline are developed through vocal exercises, various performance technique, and on-campus or area concert opportunity. Special attention is given to the preparation and presentation of the annual *Christmas on the Boulevard* and spring *Night of Worship* concerts. This entry level ensemble does not require an audition. (Formerly WMUS 180)

**MUSC 179** *Classical Guitar Ensemble I* 1 hour  
 Prerequisite: Audition and/or permission of instructor  
 An ensemble comprised of guitarists; performs repertoire composed or arranged for guitar. Activities include on and off campus formal concert presentations.

**MUSC 180** *University Chorale I* 1 hour  
 Prerequisite: Audition and/or permission of instructor  
 A mixed choral ensemble that stresses the development of strong choral skills. Activities includes major concerts on and off campus. Admission by audition.

**MUSC 181** *Concert Choir I* 1 hour  
 Prerequisites: Audition and/or permission of instructor; satisfactory vocal and sight reading skills  
 A mixed choral ensemble focusing on repertoire for chorus and choral/orchestral ensembles which is drawn from literature of the Renaissance through the present, both sacred and secular. Admission by audition.

**MUSC 182** *Chamber Singers I* 1 hour  
 Prerequisite: Audition and/or permission of instructor  
 A small mixed choral ensemble that performs sacred and secular music of all historical music periods, focusing on advanced choral repertoire. Annual Spring tour. Admission by audition.

**MUSC 183** *Jazz Ensemble I* 1 hour  
 Prerequisite: Fall audition  
 An auditioned ensemble specializing in jazz ensemble repertoire. Reading and musical interpretation of jazz rhythms and notation are stressed. Improvisational and ensemble skills are developed. The ensemble performs frequently on and off campus.

**MUSC 184** *Marching Band I* 1 hour  
 (Fall semesters only)  
 Open to any student with previous experience on a woodwind, keyboard, brass or percussion instrument. No audition is necessary for Marching Band. The Spirit of the Mountain Marching Band performs at home football games, at selected away football games and in various parades and competitions. Members audition for placement.

**MUSC 185** *Symphony Orchestra I* 1 hour  
 The Liberty University Symphony Orchestra is an instrumental ensemble for string, woodwind, brass, and percussion players. Special attention is given to the preparation and presentation of on and off campus concerts. Membership is by audition only, and open to all Liberty University students, faculty, and staff. Optional Spring Tour.

**MUSC 186** *Brass Choir I* 1 hour  
 Prerequisite: Audition and/or permission of instructor  
 A small brass ensemble. Repertoire includes music from the Renaissance through the present. Participation engenders performance proficiency and musical understanding through small ensemble rehearsal and performance, including appearances on campus, presentations in schools and concerts at local churches. Admission by permission of instructor.

**MUSC 187** *University Band I* 1 hour  
 Prerequisite: Audition and/or permission of instructor  
 An auditioned ensemble for woodwind, brass, and percussion students. Repertoire includes original and transcribed band works form all eras. The purpose is to develop to proficiency and musical understanding of the student through large ensemble rehearsal and performance.

**MUSC 188** *Woodwind Choir I* 1 hour  
 Prerequisite: Audition and/or permission of instructor  
 Small ensemble experiences for woodwind players. Repertoire includes music from the Renaissance through the present. Performances may include Liberty University student recitals as well as presentations in area schools and churches. Admission by permission of instructor.

**MUSC 189** *Celebration Choir* 1 hour  
 The course involves participation with the choir and orchestra ministry of Thomas Road Baptist Church. Students experience the rigors of preparing for a weekly music ministry in a large, mega church. Attention is given to the study of choral blend, group discipline, programming, ministry through large choral ensemble, and broad literature selection unique to the various needs of the evangelical worship community. (Required for all music and worship majors during the 2nd semester of the freshman year) (Formerly WMUS 189)

<p><b>MUSC 192 Percussion Ensemble I</b> 1 hour Small ensemble experience for percussionists; specializing in modern percussion repertoire and world music. Reading and musical interpretation of a wide variety of musical styles are developed. The ensemble performs frequently on and off campus. Required for percussion majors in the B.M. in Music Education or the B.M. in Performance degrees. Other members admitted by permission of instructor.</p> <p><b>MUSC 193 Chamber Music Ensemble I</b> 1 hour Prerequisite: Audition and/or permission of instructor This course is designed to provide students the opportunity to participate in various chamber formations, receive weekly coaching, attend master classes with faculty members and guests as required, and present a public performance during the term.</p> <p><b>MUSC 194 Wind Ensemble I</b> 1 hour (Offered Spring semester) Prerequisite: Audition and/or permission of instructor An auditioned instrumental ensemble for advanced woodwind, brass and percussion students. Repertoire includes original and transcribed wind ensemble works from all eras. Wind Ensemble performs on campus and makes an extensive Spring tour annually.</p> <p><b>MUSC 200 Music, Art, Worship and Culture</b> 3 hours Prerequisite: ENGL 101 This course is a comprehensive survey of music, art, worship and culture in daily life, career choice and profession. Introductory concepts of formational, transformational, relational, missional, reproducible and biblical principles for artistic development are established. Application is made to the basic relationship between old and new testament worship in 21<sup>st</sup> century culture. Students complete a project that provides significant experience in research preparation and processes, including: developing literature review, building bibliography, thesis and outline construction, and crafting of meaningful narrative. (Formerly WRSP 101)</p> <p><b>MUSC 201 Creative Worship</b> 3 hours This course is an introductory study of the practical issues involved in planning and facilitating creative corporate worship. Application is made to worship planning, lighting design, audio and video production, presentation software, vocal and instrumental team communication and rehearsal, staging, banners, liturgical dance, and a variety of multi-media possibilities. Students will prepare a class project that represents understanding and application of creative worship techniques. (Formerly WRSP 102)</p> <p><b>MUSC 202 Old and New Testament Music and Worship</b> 3 hours (Offered fall semester) Prerequisites: MUSC 200 and 201 This course presents principles of Old and New Testament Music and Worship. Included is a discussion of pre-tabernacle, tabernacle, temple, and synagogue music and worship. An overview of how Jesus, the disciples, and early Christians incorporated music and worship in their daily practices. (Formerly WRSP 201)</p> <p><b>MUSC 203 Commercial Music Theory and Harmonic Practices I</b> 2 hours Prerequisites: MUSC 105 and 106 Co-requisite: must be taken concurrently with MUSC 207 A continuation of MUSC 106. This course includes the study of modulation techniques in traditional, popular and commercial music genres. Students investigate jazz and extended harmonies used in commercial music and make application of analytical techniques to various literatures. Harmonic function is taught through “praxis” methodology. (Formerly WMUS 203)</p>	<p><b>MUSC 204 Commercial Music Theory and Harmonic Practices II</b> 2 hours (Offered Spring semester) Prerequisites: MUSC 105, 106 and 203 Co-requisite: must be taken concurrently with MUSC 208. A continuation of MUSC 203. Music structure, form, and melodic contour are studied and applied to various traditional and popular music genres. Students learn principles of 2-part counterpoint, fugue, and variation technique as related to the practice of songwriting and evaluation of commercial music. Harmonic function is taught through “praxis” methodology. (Formerly WMUS 204)</p> <p><b>MUSC 205 Chromatic Harmony</b> 3 hours Prerequisites: MUSC 105 and 106 Co-requisite: piano instruction for students who have not passed the Piano Proficiency Examination Continuation of MUSC 106. Studies in chromatic harmony and formal procedures of the 18th and 19th century.</p> <p><b>MUSC 206 Chromatic Harmony II</b> 3 hours (Offered Spring semester) Prerequisites: MUSC 105, 106 and 205 Co-requisite: piano instruction for students who have not passed the Piano Proficiency Examination Continuation of MUSC 205. Studies in musical forms and procedures as well as 20<sup>th</sup> century music theory, focusing on harmonic procedures.</p> <p><b>MUSC 207 Musicianship III</b> 1 hour Prerequisite: MUSC 106 and 108 Co-requisite: must be taken concurrently with MUSC 203 or 205 A continuation of MUSC 108. Continued development of the musician’s listening skills as applied to tonal center referencing, harmonic dictation, melodic identification, and rhythmic imitation. (Formerly WMUS 205)</p> <p><b>MUSC 208 Musicianship IV</b> 1 hour Prerequisites: MUSC 106, 108, 203 or 205, and 207 Co-requisite: must be taken concurrently with MUSC 204 or 206 A continuation of MUSC 207. Continued development of music-reading and listening skills as applied to tonal center referencing, harmonic dictation, melodic identification, and rhythmic imitation. (Formerly WMUS 206)</p> <p><b>MUSC 210 Introduction to Music Education</b> 1 hour Prerequisite: Audition and/or permission of instructor Introduction and orientation to historical, philosophical, and sociological foundations of music education. Overview of ethical, legal, and contemporary trends and implications for music education are included.</p> <p><b>MUSC 213 Survey of Popular and Jazz Music Literature</b> 3 hours Prerequisite: ENGL 101 An introduction to popular and jazz music writers, influences, and trends. Emphasis is placed on a general overview of personalities and their unique influences within each of these genres. Connection to music of the evangelical culture is also considered.</p> <p><b>MUSC 220 Group Voice II</b> 1 hour (Classes meet two hours each week) Prerequisite: MUSC 120 or recommendation by audition. This is a continuation of principles learned in MUSC 120, Intermediate-level Class Voice. Continued instruction in musicianship and vocal performance technique. Students study principles of vocal diction as applied to various musical style and general rules for singing in the Italian, French, and German languages. Fulfills the secondary vocal requirement. (Formerly WMUS 220)</p>
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**MUSC 221 Voice (Sophomore)** 1 or 3 hours  
Prerequisite: MUSC 122  
Continuation of private lessons in singing, based on department policies. (Formerly WMUS 225)

**MUSC 222 Voice (Sophomore)** 1 or 3 hours  
Prerequisite: MUSC 221  
Continuation of private lessons in singing, based on department policies.

**MUSC 233 Private Composition (Sophomore)** 1 to 3 hours  
Prerequisite: MUSC 139 and Audition  
Continuation of MUSC 139. Private instruction in film scoring/composition based on department policies. Foundational and contemporary repertoire and techniques studied. Emphasis is on preparing for Christian artist ministry in the area of film music production and television/video game scoring. Admission by audition.

**MUSC 239 Private Composition (Sophomore)** 1 to 3 hours  
Prerequisite: MUSC 233 and Audition  
Continuation of MUSC 233. Private instruction in film scoring/composition based on department policies. Foundational and contemporary repertoire and techniques studied. Emphasis is on preparing for Christian artist ministry in the area of film music production and television/video game scoring.

**MUSC 241 Private Piano (Sophomore)** 1 or 3 hours  
Prerequisite: MUSC 142  
Continuation of MUSC 142, private lessons in piano or organ, based on department policies. (Formerly WMUS 245)

**MUSC 242 Private Piano (Sophomore)** 1 or 3 hours  
Prerequisite: MUSC 241  
Continuation of MUSC 241, private lessons in piano or organ, based on department policies.

**MUSC 243 Group Piano III** 1 hour  
(Classes meet two hours each week)  
Prerequisite: MUSC 112 or equivalent, or audition and/or permission of instructor  
A continuation of MUSC 112. This is a group piano course for students wishing to develop music reading, chords and chord progressions, performance technique, improvisational and sight reading skills. Fulfills the secondary instrumental requirement in keyboard. PPE preparation for one repertoire selection, Four part harmonization at the piano, and Scales. (Formerly WMUS 240)

**MUSC 244 Group Piano IV** 1 hour  
(Classes meet two hours each week)  
Prerequisite: MUSC 243 or equivalent, or audition and/or permission of instructor  
A continuation of MUSC 243. This course provides continued instruction in technical exercises, chords and chord progressions, music reading and development of improvisational and performance skills. Students are expected to participate in group sight-reading exercises. Fulfills the secondary instrumental requirement in keyboard. PPE preparation for one repertoire selection, four part harmonization at the piano, chord charts, and arpeggios. (Formerly WMUS 340)

**MUSC 247 Jazz Piano I** 1 hour  
Prerequisite: MUSC 243 or equivalent; permission of instructor  
For non-piano primaries. In this course basic comping technique and harmonic continuity are emphasized. Triads, seventh chords, melody, and accompaniment are applied to standard song forms and blues.

**MUSC 248 Jazz Guitar I** 1 hour  
Prerequisite: MUSC 250 or equivalent; permission of instructor  
For non-guitar primaries. In this course basic comping technique and harmonic continuity are emphasized. Triads,

seventh chords, melody, and accompaniment are applied to standard song forms and blues

**MUSC 250 Group Guitar II** 1 hour  
(Classes meet two hours each week)  
Prerequisite: MUSC 150  
A continuation of MUSC 150, this course provides instruction in more advanced chords and chord progressions, continued development of music reading, contemporary lead sheets, and performance in classical, Gospel, Contemporary Christian, rock and roll and jazz styles. Improvisational techniques and chord substitutions and construction are also explored. Fulfills the need for secondary instrumental requirement in guitar. (Formerly WMUS 250)

**MUSC 251 Guitar, Strings, Brass, Woodwinds, Percussion (Sophomore)** 1 or 3 hours  
Prerequisite: MUSC 152  
Continuation of MUSC 152, private lessons in the instruments of the band and orchestra, based on department policies. (Formerly WMUS 250)

**MUSC 252 Guitar, Strings, Brass, Woodwinds, Percussion (Sophomore)** 1 or 3 hours  
Prerequisite: MUSC 251  
Continuation of MUSC 251, private lessons in the instruments of the band and orchestra, based on department policies.

**MUSC 285 The Worship Orchestra I** 1 hour  
Prerequisite: Audition and/or permission of instructor  
This is an instrumental ensemble that provides students opportunity to experience and perform the various styles of music used in a worship program of a large evangelical worship ministry. The ensemble usually includes rhythm section, wind, brass, strung and percussion instruments. On occasion, the group may include vocals. A primary function of the group is to provide accompaniment to the choral ensembles in the School of Music. (Formerly WMUS 285)

**MUSC 286 The Gospel Choir I** 1 hour  
Prerequisite: Audition and/or permission of instructor  
The Gospel Choir is a 25-30 member choir representing the historical and diverse traditions of African American choral music. The ensemble serves in an official public relations capacity for the University, The School of Music, and Center for Music and Worship. The Gospel Choir generally participates in Annual Christmas on University Blvd. and Spring Music Night Concerts, weekly convocations, TRBC worship services, Liberty University fundraising events and an annual weekend tours. Up to two hours credit from Gospel Choir may be applied as "approved credit" for any music degree. (Formerly WMUS 286)

**MUSC 287 Jazz Guitar Ensemble I** 1 hour  
Prerequisite: Audition and/or permission of instructor  
An auditioned guitar ensemble specializing in the study of jazz music. Reading and musical interpretation or rhythms and notation are stressed. Improvisational and accompaniment skills are developed. The ensemble performs on campus as needed during each semester. (Formerly WMUS 287)

**MUSC 289 The Worship Choir II** 1 hour  
Prerequisite: Audition and/or permission of instructor  
This is a large ensemble providing students opportunity to experience the various styles of music, including: Black Gospel, traditional gospel, worship and praise, scripture song, sacred classic, Southern Gospel, and more. Special attention is given to the preparation and presentation of the Annual Christmas on University Blvd. and Spring Music Night Concerts. Optional Spring Tour. (Formerly WMUS 289)

**MUSC 299 Internship** 0 hours  
 Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind  
 Supervised field experience at an approved site. Application procedures processed through the School of Music and Career Center. Must apply semester prior to internship.

**MUSC 301 Brass Pedagogy** 3 hours  
 Prerequisite: Permission of instructor  
 Analysis and teaching of brass instrumental technique. Evaluation of private class teaching methods and materials. Brief survey of brass instrument history, construction and maintenance. Introduction to brass bibliography. A survey of brass literature styles and performance practices.

**MUSC 302 Dynamics of Leading Instrumental Music** 3 hours  
 Prerequisites: MUSC 204 and 206, or permission of instructor  
 Principles of the development and performance practice of instrumental music in traditional and non-traditional performance settings. Students learn the importance of building and developing the rhythm sections, rock and roll type instrumental ensembles, and larger instrumental groups. Additional time is spent on rehearsal and performance techniques, use of rhythm section with small, medium and large orchestra, and rhythm section with vocal ensemble. (Formerly WMUS 302)

**MUSC 303 Dynamics of Leading Vocal Team and Ensemble** 3 hours  
 Prerequisites: MUSC 204, 206, and 302, or permission of instructor  
 This is a methods class that deals with principles and processes for building vocal teams in traditional and non-traditional settings. Attention is given to the role of the vocal musician, pedagogy for adult singers, repertoire development, and processes for nurturing large and small vocal ensembles. (Formerly WMUS 303)

**MUSC 304 Keyboard Pedagogy** 3 hours  
 (Offered Spring semester)  
 Prerequisite: Permission of instructor  
 Discussion of teaching strategies and analysis of studio piano instruction. Evaluation of studio teaching methods and materials. A survey of keyboard literature, styles and performance practices.

**MUSC 305 Woodwind Pedagogy** 3 hours  
 Prerequisite: Permission of instructor  
 Analysis and teaching of woodwind instrumental technique. Evaluation of private class teaching methods and materials. Brief survey of woodwind instrument history, construction and maintenance. Introduction to woodwind bibliography. A survey of woodwind literature styles and performance practices.

**MUSC 306 Form and Analysis** 3 hours  
 (Offered fall semester)  
 Prerequisite: MUSC 204 or 206  
 Instruction in principles of the analysis of small and large musical forms and procedures, including binary, ternary, rondo, variation, sonata, fugue and imitative procedures.

**MUSC 308 Percussion Pedagogy** 3 hours  
 Prerequisite: Permission of instructor  
 Analysis and teaching of percussion technique. Evaluation of private class teaching methods and materials. Brief survey of percussion history, construction and maintenance. Introduction to percussion bibliography. A survey of percussion literature styles and performance practices.

**MUSC 309 Orchestration** 3 hours  
 (Offered Spring semester)  
 Prerequisites: MUSC 105, 106, 205 and 206.  
 Principles of instrumental scoring for orchestra, symphonic band, wind ensemble, pop-orchestra with rhythm section or any

number of other combinations. Course assignments are primarily scoring for the various instrumental sections, culminating in a setting of a select keyboard work for large ensemble.

**MUSC 310 Principles of Arranging** 3 hours  
 Prerequisites: MUSC 204 or 206, and 330 or permission of instructor.  
 This course provides basic arranging technique for various pop-music genres. Special attention is given to developing arranging technique for rhythm sections, small vocal and instrumental ensemble, studio recordings, and larger vocal and instrumental ensemble. Students complete a major arranging project for presentation in an end of the semester concert setting. (Formerly WMUS 310)

**MUSC 311 Music History (Antiquity – 1750)** 3 hours  
 (Offered fall semester)  
 Prerequisites: MUSC 105 and 106  
 A survey of Western European music from Antiquity to 1750 A.D.

**MUSC 312 Music History (Since 1750)** 3 hours  
 (Offered Spring semester)  
 Prerequisites: MUSC 105 and 106  
 A systematic survey of music history since the Baroque era.

**MUSC 313 History of Music and Worship** 3 hours  
 This is a historical study of the changes in music and worship practice as shaped by: the Great Awakenings; the four periods of music history (Renaissance, Baroque, Classical and Romantic); and, the influences in culture, ecclesiastical norms, and various modern worship movements. (Formerly WRSP 320)

**MUSC 314 Music in World Cultures** 3 hours  
 A comprehensive overview of cultural traditions, belief systems, and practices of world cultures as approached through the study and analysis of the music of ethnic groups. (Formerly ETHM 411)

**MUSC 315 Basic Conducting** 2 hours  
 Prerequisites: MUSC 105, 106, or permission of instructor  
 Rudimentary instruction in conducting techniques for traditional and non-traditional settings. Knowledge and skill areas stressed are: basic conducting gestures and patterns; score interpretation; rehearsal management and technique; programming considerations; and special problems in vocal and instrumental situation. (Formerly WMUS 315)

**MUSC 316 Choral Conducting** 2 hours  
 Prerequisite: MUSC 315  
 Practical training in directing choral ensembles. Development of basic conducting techniques with emphasis on musical interpretation of selected works. Includes ensemble management, score study, rehearsal techniques, and performance techniques.

**MUSC 317 Instrumental Conducting** 2 hours  
 Prerequisite: MUSC 315  
 Practical training in directing instrumental ensembles. Development of baton and left-hand techniques with emphasis on musical interpretation of selected works. Includes score study, rehearsal techniques and performance techniques.

**MUSC 318 Choral Arranging** 2 hours  
 (Offered fall semester)  
 Prerequisites: MUSC 105, 106, 205 and 206  
 A study of the techniques and procedures required in arranging and composing for voices. Skills will be developed through extensive written assignments.

**MUSC 319 Choral Literature** 2 hours  
 (Offered fall semester, even numbered years, on demand)  
 Prerequisite: MUSC 206  
 A survey of sacred and secular choral literature, medieval to the present; emphasis on the madrigal, oratorio, contemporary British and American music.

**MUSC 320 Group Voice III** 1 hour  
(Classes meet two hours each week)  
Prerequisite: MUSC 220, or audition and/or permission of instructor  
This is a continuation of principles learned in MUSC 220 including instruction in: vocal technique; various musical styles; musicianship; performance techniques; principles of vocal diction; and singing in the Italian, French and German languages. Fulfills the secondary vocal requirement. (Formerly WMUS 320)

**MUSC 321 Voice (Junior)** 1 or 3 hours  
Prerequisites: MUSC 222 and successful completion of the Junior Candidacy Performance review  
Continuation of private lessons in singing, based on department policies. (Formerly WMUS 325)

**MUSC 322 Voice (Junior)** 1 or 3 hours  
Prerequisite: MUSC 321  
Continuation of MUSC 321, private lessons in singing, based on department policies.

**MUSC 323 Leadership, Philosophy, Music and Organization** 3 hours  
(Offered fall semester)  
Prerequisites: MUSC 201, 313  
This course addresses the practical principles of music and worship leadership including: issues of integrity and character; developing and implementing philosophy; establishing chains of command; dangers of insubordination; time management, staff relationships; administrative responsibilities for musicians; journaling; building a calendar; budgeting, and discipleship training; building staff; and family. (Formerly WRSP 321)

**MUSC 326 History of Jazz** 3 hours  
Prerequisite: MUSC 203  
This course presents an overview of the development of jazz traditions during the 20<sup>th</sup> century. Key innovators from jazz' multifaceted history are discussed. As a distinctly American music form, jazz has often challenged existing distinctions between "art" and "popular" music, and today is an internationally respected art form. These distinctions are explored related to the changing roles and meanings of jazz within society.

**MUSC 327 Jazz Styles and Analysis** 3 hours  
Prerequisite: MUSC 203  
Survey and analysis of jazz styles including ragtime, early jazz, swing, bebop, the cool school, hard bop, modal and contemporary styles. Repertoire, improvisation, instrumentation, role of instruments, major innovators and important groups are discussed. Includes transcription of jazz solos and their stylistic analysis.

**MUSC 330 Music Technology I: Notation** 3 hours  
(Offered Spring semester)  
Prerequisites: MUSC 106, 108, or permission of instructor  
The study of computer competencies for the use of Finale music notation software in a variety of settings: education; church music; worship presentation; and, Music Industry. This includes, but is not limited to, the creation of: lead sheets, piano-vocal, guitar, praise band, choral charts and full orchestrations. Musical knowledge is combined with technological skill in entering music notation and producing written music of a publishing level. (Formerly WMUS 330)

**MUSC 331 Composition I** 2 hours  
Prerequisites: MUSC 204 or 206 and 208; may be repeated.  
Building on the foundations of music theory and other areas of musical training, this course is an applied study of the musical and creative process for composing original music.

**MUSC 332 Composition II** 2 hours  
Prerequisite: MUSC 331; may be repeated  
A continuation of MUSC 331. This is a more advanced experience in the creative process of composing original music, building on the foundations of music theory and other areas of musical training, and including coverage of stylistic integrity and standard notation. Emphasis is on greater use of extended harmony, chromaticism and twentieth-century procedures.

**MUSC 333 Private Composition (Junior)** 1 to 3 hours  
Prerequisite: MUSC 239 and Audition  
Continuation of MUSC 239. Private instruction in film scoring/composition based on department policies. Foundational and contemporary repertoire and techniques studied. Emphasis is on preparing for Christian artist ministry in the area of film music production and television/video game scoring.

**MUSC 334 Music Technology II: Sequencing** 3 hours  
Prerequisites: MUSC 106, 108 and 330; or permission of instructor  
This course is the investigation of computer applications for a variety of musical purposes, including: competencies in the use of music recording software; sequencing; music programming, using loops in live and recording application; integrating midi and digital audio; capturing, editing, and storing digital audio data; multi and single tracking; Video Sound Technology (VSTs); and sound shaping. Special attention is given to the practical application of the technological use of digital, computer software to classroom instruction, weekly worship ministry, and a variety music industry applications. (Formerly WMUS 331)

**MUSC 335 Introduction to Film Scoring** 3 hours  
Prerequisites: MUSC 309, 310  
This course addresses the prevalent and recurrent need in films to emulate a wide variety of stylistic scoring approaches appropriate to the period setting and or/specific ethnic locale of a screenplay. Discussion included approaches to research and adaptation of authentic musical styles. (Such styles include, for example, 17<sup>th</sup> century European, African, 1920s American, etc.). Emphasis is placed on careful attention to instrumentation, arranging, orchestration, and dramatic theme development.

**MUSC 336 Orchestration for Film and Media** 3 hours  
Prerequisites: MUSC 334 (or CINE 271), and MUSC 335  
This course focuses on the exploration and application of traditional and contemporary orchestration techniques to support and achieve intended dramatic effect. Regular assignments involve the use of orchestration as an important compositional tool to successfully meet the emotional requirements of a wide variety of dramatic situations.

**MUSC 337 Scoring Techniques for Film and Media** 3 hours  
Prerequisites: MUSC 334 or CINE 271, and MUSC 335  
Techniques used in composing and scoring music for television and film productions; practical writing experience. Assignments representing realistic situations will be recorded synchronously to the specific needs of film scenes.

**MUSC 338 Groove Writing** 2 hours  
Prerequisite: MUSC 334 or CINE 271  
Development of groove writing skills in a variety of styles. Use of technology, loop creation, and sequencing skills.

**MUSC 339 Private Composition (Junior)** 1 to 3 hours  
Prerequisite: MUSC 333  
Continuation of MUSC 333. Private instruction in film scoring/composition based on department policies. Foundational and contemporary repertoire and techniques studied. Emphasis is on preparing for Christian artist ministry in the area of film music production and television/video game scoring.

**MUSC 341 Private Piano (Junior)** 1 or 3 hours  
Prerequisite: MUSC 242.  
Continuation of private lessons in piano or organ, based on department policies. (Formerly WMUS 345)

**MUSC 342 Private Piano (Junior)** 1 or 3 hours  
Prerequisites: MUSC 341.  
Continuation of MUSC 341, private lessons in piano or organ, based on department policies.

**MUSC 343 Jazz Improvisation and Lab II** 3 hours  
Prerequisite: MUSC 143  
This course is a continuation of Jazz Improvisation I. Students will explore advanced techniques of jazz performance and improvisation. Students will also explore the process of integrating new materials and improvisation methods into their playing. Class structure is performance based. Each semester will culminate in a public performance featuring large and small groups, jazz standards or original compositions.

**MUSC 345 Group Piano V** 1 hour  
(Classes meet two hours each week)  
Prerequisite: MUSC 244 or equivalent, or enrollment by audition and/or permission of instructor.  
A continuation of MUSC 244, this is a group piano course for students continuing to broaden music experiences, develop chords and chord progressions, music reading, and improvisational and performance skills. PPE preparation for the *Star-Spangled Banner* and Sight-reading. (Formerly MUSC 245 and WMUS 440)

**MUSC 346 Group Piano VI** 1 hour  
(Classes meet two hours each week)  
Prerequisite: MUSC 345 or equivalent, or enrollment by audition and/or permission of instructor  
A continuation of MUSC 345, this course provides class instruction that helps broaden music experiences, develop chords and chord progressions, music reading, published jazz and pop band charts, and improvisational and performance skills. Additional attention is given to developing skills as a member of jazz, gospel, worship or rock and roll band. (Formerly MUSC 246)

**MUSC 347 Jazz Piano II** 1 hour  
Prerequisite: MUSC 247 or equivalent; permission of instructor  
For non-piano primaries. Continuation of MUSC 247. In this course advanced comping technique and chord voicings are emphasized. Intermediate accompaniment techniques are applied to standard song forms and blues.

**MUSC 348 Jazz Guitar II** 1 hour  
Prerequisite: MUSC 248 or equivalent; permission of instructor  
For non-guitar primaries. Continuation of MUSC 248. In this course advanced comping technique and chord voicings are emphasized. Intermediate accompaniment techniques are applied to standard song forms and blues.

**MUSC 349 Ethnic Music Ensemble** 1 hour  
An ensemble for beginning and proficient musicians that explores through performance some of the world's musical instruments, styles, and playing techniques.

**MUSC 350 Group Guitar III** 1 hour  
(Classes meet two hours each week)  
Prerequisite: MUSC 250; audition and/or permission of instructor  
A continuation of MUSC 250, this course provides instruction in more advanced chords and chord progressions, music reading, improvisational techniques, chord substitutions, chord construction. Contemporary lead sheets and performance in classical, Gospel, Contemporary Christian, rock and roll, and jazz styles. Scale studies and extended chords are stressed. Designed to fulfill the need for secondary instrumental requirement in guitar.

(Formerly WMUS 350)

**MUSC 351 Guitar, Strings, Brass, Woodwinds, Percussion (Junior)** 1 or 3 hours  
Prerequisite: MUSC 252  
Continuation of MUSC 252, private lessons in the instruments of the band and orchestra, based on department policies. (Formerly WMUS 355)

**MUSC 352 Guitar, Strings, Brass, Woodwinds, Percussion (Junior)** 1 or 3 hours  
Prerequisite: MUSC 351  
Continuation of MUSC 351, private lessons in the instruments of the band and orchestra, based on department policies.

**MUSC 355 Brass Techniques** 2 hours  
(Offered Spring semester)  
Preparation for teaching brass instruments. Emphasis on teaching technique and actual playing of brass instruments.

**MUSC 357 Woodwind Techniques** 2 hours  
(Offered fall semester)  
Prerequisites: MUSC 105 and 106  
Preparation for teaching woodwind instruments. Emphasis on teaching technique and actual playing of woodwind instruments.

**MUSC 360 Contemporary Improvisation Techniques** 2 hours  
Prerequisites: MUSC 203 and 205  
This is a praxis-based course that provides opportunity for students to develop skill in strategic areas of vocal or instrumental improvisational technique. Investigative studies include the relationship between improvisation and harmonic context in contemporary popular, rock, black gospel, and jazz idioms.

**MUSC 363 Percussion Techniques** 2 hours  
(Offered Spring semester)  
Prerequisites: MUSC 105 and 106  
Preparation for teaching the basic percussion instruments and drum kit. Development of demonstration and playing abilities.

**MUSC 364 Contemporary Styles Survey I** 1 hour  
This course covers rhythm chart reading through the use of detailed transcriptions and arrangements in a wide range of styles including pop, rock, funk, country, black gospel, and contemporary instrumental. Emphasis is placed on production of rhythmic groove, management of rhythm section, and basic arranging concepts.

**MUSC 365 Contemporary Styles Survey II** 1 hour  
In this course, students learn contemporary rhythm chart reading through extensive use of transcriptions and professionally written arrangements. Focus is placed on sight-reading, pitch and improvisation concepts within diverse styles.

**MUSC 366 Jazz Arranging** 3 hours  
Prerequisite: MUSC 330  
This course focuses on arranging and orchestrating music for jazz ensemble. Basic and intermediate techniques for creative writing in the jazz idiom are applied to small and large jazz ensembles. Major projects are required for the completion of this course. Computer notation is required for all projects. Select student projects are submitted for reading session.

**MUSC 367 Jazz Pedagogy** 3 hours  
Prerequisite: MUSC 360, 364, 365  
This course introduces students to the methodologies and resources of jazz pedagogy. Students will learn appropriate literature for a variety of age levels, approaches to improvisation, and rehearsal techniques for both the large and small jazz ensemble.

**MUSC 370 Private Songwriting** 1 hour  
Prerequisite: MUSC 371  
Weekly private instruction in developing and crafting the skill of songwriting. The study includes principles for writing melody, harmony, rhythm, lyric, song form, building demos and producing

songs suitable for publishing in a commercial market. Application will be made to contemporary worship practices. Students will perform original songs. Audition and recommendation of instructor required. (Formerly WMUS 370)

**MUSC 371 *Survey of Songwriting Literature*** 3 hours  
(Offered fall semester only)

An introduction to the craft, development and history of songwriting. Attention will be given to the study and evaluation of song form, both historic and contemporary. General techniques of songwriting and the specific approaches of selected songwriters will be explored in connection with biblical doctrine and theologies, music practices, and worship practices in the Evangelical community. (Formerly WMUS 371)

**MUSC 372 *Christian Music Industry*** 3 hours  
(Offered Spring semester only)

An introduction to the Christian music industry, both old and new. Recent developments in this field will be emphasized, specifically highlighting the impact of biblical principles for working in the Christian music industry. Basic principle of music publishing and distribution will be defined and developed including copyright law, song royalties and mechanicals, copyright management, performance rights organizations (ASCAP, BMI, SESAC, and CCLI), song demo creation, music producing, song pitching, and publishing. (Formerly WRSP 372)

**MUSC 373 *Artist Spiritual Formation*** 3 hours  
Prerequisite: Admission to songwriting or artist development programs

Foundational principles for the discipleship of Christian artists and songwriters. Students define their pursuit for an identity and significance, ministry, relationships, excellence, integrity, and disciplined living. In addition, students study creativity and art, journaling, developing communication skills, musicianship as applied to the contemporary Christian music industry. (Formerly WRSP 373)

**MUSC 374 *String Techniques*** 2 hours  
(Offered fall semester)

Prerequisites: MUSC 105 and 106

Preparation for the teaching of violin, cello and double bass. Study of the history, construction, maintenance and acoustical phenomena of string instruments.

**MUSC 375 *String Pedagogy*** 3 hours  
(Offered on demand)

Prerequisite: MUSC 374 or permission of instructor

Review of the teaching methods of Applebaum, Muller-Rusch, Rolland and Suzuki. Strongly recommended for Instrumental Teacher Licensure Students with strings as the principal performance area.

**MUSC 376 *Principles for Songwriting I*** 2 hours

Prerequisites: Admission to program and permission of instructor; MUSC 371 with a grade of “B” or higher; MUSC 330 and 334, or equivalent

Principles of song writing, including elements of writing melody; melodic structure; lyric form-understanding verse/chorus/bridge structures; melodic style; lyric style – gospel to classical, southern gospel to praise and worship and country to rock ‘n roll; and co-writing lyrics with other musicians. Students are required to participate in the Songwriter’s Showcase presented by the Center for Worship each semester. (Formerly WMUS 332)

**MUSC 377 *Principles for Songwriting II*** 2 hours  
Prerequisite: MUSC 376

A continuation of MUSC 376, this course provides practical application of songwriting principles through group collaboration. (Formerly WMUS 333)

**MUSC 378 *Artist and Business Community*** 3 hours

Prerequisites: Admission to program; MUSC 372

Principles of booking, copyright management, promoting, financial accountability and organization, business integrity, exposure to the market and business administration. (Formerly WRSP 334)

**MUSC 379 *Artist Presentation*** 3 hours

Prerequisites: Admission to program; MUSC 334, 373

Developing strategies for musically artistic and ministry effective program presentation. Principles include reading the crowd, building live performance, developing goals and objectives for platform performance; unique features of lighting, sound reinforcement, and technology; trend awareness and commerciality. Special emphasis is placed on goals of an artist as a worshiper; song selection; audience participation; presentation of the gospel; and partnership with the local church. (Formerly WMUS 335)

**MUSC 380 *Instrumental Overview*** 2 hours  
(Offered fall semester)

Prerequisites: MUSC 105 and 106

A study of basic instructional techniques of woodwind, brass, string and percussion instruments for Choral Teacher Licensure students. This course is designed to prepare vocal music teachers for teaching school instrumental music at the basic skills level.

**MUSC 381 *Guitar Literature*** 2 hours

Prerequisite: Permission of instructor

This course will survey guitar and lute literature from the Renaissance to the present, including solo works, chamber music, and concerti. The course will include music written for lute and guitar as well as transcriptions for guitar of music written for other instruments. Activities used to facilitate learning will include listening to recordings and music performances, score study, lectures, discussion, and selected readings.

**MUSC 382 *Woodwind Literature*** 2 hours

Prerequisite: Permission of instructor

Literature for flute, clarinet, oboe, bassoon, and saxophone. Elementary and advanced exercises, etudes, methods for class and private instruction, clef and transposition studies, and orchestral repertoire are explored. Survey and evaluation of sources and materials.

**MUSC 383 *Brass Literature*** 2 hours

Prerequisite: Permission of instructor

Literature for horn, trumpet, trombone, euphonium, and tuba. Elementary and advanced exercises, etudes, methods for class and private instruction, clef and transposition studies, and orchestral repertoire. Survey and evaluation of sources and materials.

**MUSC 384 *Percussion Literature*** 2 hours

Prerequisite: Permission of instructor

Literature for percussion solo, ensemble and chamber groups. Elementary and advanced exercises, etudes, methods for class and private instruction are explored. Survey and evaluation of sources and materials.

**MUSC 385 *The Worship Orchestra II*** 1 hour

Prerequisites: Audition and/or permission of instructor; two semesters of MUSC 285

Continuation of MUSC 285. (Formerly WMUS 385)

**MUSC 386 *The Gospel Choir II*** 1 hour

Prerequisite: Audition and/or permission of instructor; two semesters of MUSC 286.

Continuation of MUSC 286. (Formerly WMUS 386)

**MUSC 387 *Jazz Guitar Ensemble II*** 1 hour

Prerequisite: Audition and/or permission of instructor; two semesters of MUSC 287

Continuation of MUSC 287. (Formerly WMUS 387)



**MUSC 388 *String Literature*** 2 hours

Prerequisite: Permission of instructor

This course provides a survey of string literature through the present day, including solo works, chamber music, and concerti. Special emphasis is placed on etudes, exercises, instructional, and performance literature for class and private instruction.

**MUSC 389 *The Worship Choir III*** 1 hour

Prerequisites: MUSC 289; audition and/or permission of instructor

A continuation of MUSC 289. (Formerly WMUS 389)

**MUSC 390 *Foundations of Vocal Technique*** 2 hours  
(Offered fall semester)

Prerequisite: MUSC 106

This course provides preparation in the vocal area for Instrumental Teacher Licensure students. This course is designed to prepare instrumental teachers for teaching school vocal music at the basic skills level.

**MUSC 391 *Keyboard Literature*** 2 hours

Prerequisite: Permission of instructor

This course provides a general survey of keyboard literature through the present day. Special emphasis is placed on etudes, exercises, instructional, and performance literature for class and private instruction.

**MUSC 392 *Ethnic Music Program*** 1 hour

Prerequisite: Approval of student's primary faculty

A juried lecture/demonstration of student progress in ethnic music performance. The student shall provide a 25-30 minute presentation demonstrating knowledge of the selected genre and level of performing skill. Specifically designed to meet Music in World Culture curriculum expectations. (Formerly WMUS 390)

**MUSC 393 *Vocal Diction*** 3 hours

(Offered fall semester)

The study of English, Italian, German and French pronunciation (enunciation and articulation) as applied to vocal texts in these languages, through use of the International Phonetic Alphabet.

**MUSC 394 *Practicum I*** 1 hour

Prerequisites: MUSC 323 or equivalent; approval of School of Music Coordinator of Practica

Practical, supervised application of music leadership at approved publishing company, church, para-church organization, recording studio, artist group or other approved organization. Taken the first semester of student's junior year, students are placed in a supervisory role and learn principles of team building, management, planning, program presentation and more. (Formerly WRSP 311)

**MUSC 395 *Practicum II*** 1 hour

Prerequisites: MUSC 394; approval of School of Music Coordinator of Practica

This is a continuation of MUSC 394. Students are placed in a supervisory role and learn principles of team building, management, planning, program presentation and more. Taken the second semester of a student's junior year, students are also required to meet with the Coordinator of Practica for instruction on resume preparation, principles of interviewing and expectations for completion of an internship. (Formerly WRSP 312)

**MUSC 396 *Junior Artist or Worship Program*** 1 hour

Prerequisite: Approval of the student's primary faculty

A faculty-supervised 20-30 minute program devoted to the presentation of literature representative of contemporary Christian, worship and praise, gospel song, or hymn-style music. The student must demonstrate ability to organize a program using a variety of media, Scripture, drama, lighting, video, band and praise team. The student's final worship/artist program must be approved by Faculty Committee.

**MUSC 398 *Junior Recital*** 1 hour

Prerequisites: Completion of the MUSC Junior Candidacy Performance Review; completion of one semester of junior level private music performance instruction

Co-requisite: must be taken concurrently with the second semester of junior level private music performance instruction

Preparation and presentation of a solo musical performance recital under the supervision of the principal performance teacher.

A requirement for B.M. (performance) and B.S. in Worship and Music degree programs. (Formerly WMUS 390)

**MUSC 400 *Music Resources and Literature*** 3 hours

Prerequisites: MUSC 302, 303, or permission of instructor

A study of the materials used in program building of instrumental and choral ensembles in traditional and non-traditional music settings. Evaluation is made of select publishers to investigate musical, audio, video, and software recourses availability. Application to pop music, contemporary Christian worship, public and private school, civic, patriotic and seasonal events. (Formerly WMUS 400)

**MUSC 401 *Art of Accompaniment*** 2 hours

(Offered on demand)

Vocal and instrumental, solo and ensemble literature from various periods of music history will be studied from the viewpoint of the accompanist.

**MUSC 402 *Ethnic Music Theory*** 3 hours

The study of non-Western theories of music, with an emphasis on both existing systems of art and folk music as well as systems without an articulated theory. (Formerly ETHM 400)

**MUSC 404 *Accompanying I*** 1 hour

Prerequisite: MUSC 401

Continuation of the development of accompanying techniques highlighted in MUSC 401. Pianists work in collaboration with one or more vocalists or instrumentalists under the supervision of applied music teachers at the School of Music. Students will perform in one or more live performance settings such as recitals, studio classes, auditions, and performance juries.

**MUSC 405 *Accompanying II*** 1 hour

Prerequisite: MUSC 404

Continuation of the techniques of accompanying emphasized in MUSC 404. Pianists work in collaboration with one or more vocalists or instrumentalists under the supervision of applied music teachers at the School of Music. Three hours of weekly contact with teachers and students are expected in this course, including rehearsals, studio lessons, and coaching with course faculty. Students will perform in one or more live performance settings such as recitals, studio classes, auditions, and performance juries.

**MUSC 407 *Solo Vocal Literature*** 3 hours

(Offered Spring semester, odd numbered years)

Prerequisite: MUSC 206

A survey of solo literature for the voice from the Baroque period to the present. Emphasis on Italian song, German Lieder, French Melodie, and English Art Song. (Recommended for all voice majors)

**MUSC 408 *Vocal Pedagogy*** 3 hours

(Offered Spring semester, even numbered years)

Prerequisite: Permission of instructor

Study of the physiology of the voice and methods of voice training, with emphasis on techniques used in developing posture, breathing, phonation, resonance, articulation, and artistic interpretation of standard vocal literature.

**MUSC 411 *Marching Band Techniques*** 2 hours

(Offered on demand in Fall semesters)

A study of the methods and materials employed in the development of marching band drill design. Strongly

recommended for the BM in Instrumental Music with the music education concentration student.

**MUSC 420 *Group Voice IV*** 1 hour  
(Meets 2 hours per week)  
Prerequisite: MUSC 320

A continuation of MUSC 320, this course involves group study for advanced vocalists. Students sing on a weekly basis for one another in a “master class” setting. Significant emphasis is given to vocal quality, resonance, flexibility, articulation, dynamics, expression, performance technique, vocal health and preparation for presentation in various vocal venues. Fulfills the secondary requirement in voice. May substitute for private voice upon recommendation of vocal faculty. (Formerly WMUS 420)

**MUSC 421 *Voice (Senior)*** 1 or 3 hours  
Prerequisite: MUSC 322

Continuation of MUSC 322, private lessons in singing, based on department policies. May be repeated as needed.

**MUSC 422 *Voice (Senior)*** 1 or 3 hours  
Prerequisite: MUSC 421

Continuation of MUSC 421, private lessons in singing, based on department policies. May be repeated as needed.

**MUSC 423 *Congregational Contextualization and Leadership*** 3 hours  
(Offered Spring semester)

Prerequisites: MUSC 312, 323 and 499

This is a study of congregational worship practices in the evangelical traditions. Special attention is given to establishing methodology for evaluating ministry context and demographic. Attention is given to song selection, programming, conducting concepts, vocal and band rehearsal techniques and the integration of multimedia, drama, and creative movement into the congregational ministry. (Formerly WRSP 421)

**MUSC 433 *Private Composition (Senior)*** 1 to 3 hours  
Prerequisite: MUSC 339

Continuation of MUSC 339. Private instruction in film scoring/composition based on department policies. Foundational and contemporary repertoire and techniques studied. Emphasis is on preparing for Christian artist ministry in the area of film music production and television/video game scoring.

**MUSC 436 *Christian Music Industry Seminar*** 1 hour  
Prerequisites: Permission of Instructor; MUSC 372 and equivalent of MUSC 220, 243 or 250

Student artists and songwriters study privately and in group settings with professionals. Students premiere their programs and songs at the conclusion of the seminar. (Formerly WRSP 436)

**MUSC 437 *Elementary Music Methods and Materials*** 2 hours  
(Offered Spring semester)

Prerequisite: Admission to the Music Education concentration  
Co-requisite: must be taken concurrently with MUSC 438

An exploration of elementary music school methods and materials. Topics include philosophy, objectives, materials, current trends, and procedures for teaching music at the elementary grade school level.

**MUSC 438 *Elementary Music Methods and Materials Practicum*** 1 hour  
(Offered Spring semester)

Prerequisite: Admission to the Music Education concentration  
Co-requisite: must be taken concurrently with MUSC 437

Classroom teaching observation and practice. Fifteen hours of monitored classroom observation and teaching in an elementary music school classroom; written evaluation of observing and teaching experiences required.

**MUSC 439 *Private Composition (Senior)*** 1 to 3 hours  
Prerequisite: MUSC 433

Continuation of MUSC 433. Private instruction in film scoring/composition based on department policies. Foundational and contemporary repertoire and techniques studied. Emphasis is on preparing for Christian artist ministry in the area of film music production and television/video game scoring.

**MUSC 440 *Ethnic Music Seminar*** 3 hours

Concentrated study of a selected ethnic music culture. In scheduling each seminar, consideration will be given to student interest and the availability of appropriate guest musicians. (Formerly ETHM 440)

**MUSC 441 *Private Piano (Senior)*** 1 or 3 hours  
Prerequisite: MUSC 342

Continuation of private lessons in piano or organ, based on department policies. (Formerly WMUS 445)

**MUSC 442 *Private Piano (Senior)*** 1 or 3 hours  
Prerequisite: MUSC 441

Continuation of private lessons in piano or organ, based on department policies. May be repeated as needed.

**MUSC 450 *Group Guitar IV*** 1 hour  
(Meets 2 hours per week)

Prerequisite: MUSC 350 or permission of instructor

Continuation of MUSC 350, this is a group guitar course that further develops instruction in advanced chords, chord progressions, more advanced improvisational techniques, music reading, sight-reading of classical literature, contemporary lead sheets and performance in classical, contemporary Christian, rock and roll and jazz styles. Fulfills the need for secondary instrumental requirement in guitar. (Formerly WMUS 450)

**MUSC 451 *Guitar, Strings, Brass, Woodwinds Percussion (Senior)*** 1 or 3 hours

Prerequisite: MUSC 352

Continuation of MUSC 352, private lessons in instrument for band or orchestra, based on department policies. (Formerly WMUS 455)

**MUSC 452 *Guitar, Strings, Brass, Woodwinds Percussion (Senior)*** 1 or 3 hours

Prerequisite: MUSC 451

Continuation of MUSC 451, private lessons in instrument for band or orchestra, based on department policies. May be repeated as needed.

**MUSC 470 *Opera Workshop I: Opera Production*** 1 to 3 hours

(Offered fall semester)

Prerequisite: Audition and/or permission of instructor.

A synthesis of performance practice and stage movement related to opera. The course culminates in a performance of a work rehearsed during the semester. Entrance based on an audition. Fall semesters culminate in a full music theater production.

**MUSC 471 *Opera Workshop II: Opera Scenes*** 1 to 3 hours

(Offered Spring semesters)

Prerequisite: Audition and/or permission of instructor.

A synthesis of performance practice and stage movement related to opera. The course culminates in a performance of a work rehearsed during the semester. Entrance based on an audition. Spring semesters culminate in a presentation of opera scenes.

**MUSC 477 *Guitar Pedagogy*** 3 hours  
Prerequisite: Permission of instructor

Analysis of the elements of classical guitar technique and development of guitar teaching skills. Students observe, evaluate and implement techniques used in guitar classes and private lessons. Students also survey proven pedagogical approaches to guitar instruction.

<b>MUSC 479</b>	<b><i>Classical Guitar Ensemble II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 179 Continuation of MUSC 179.	
<b>MUSC 480</b>	<b><i>University Chorale II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 180 Continuation of MUSC 180.	
<b>MUSC 481</b>	<b><i>Concert Choir II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 180, 181 and/or 182 Continuation of MUSC 181.	
<b>MUSC 482</b>	<b><i>Chamber Singers II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 180, 181 and/or 182 Continuation of MUSC 182.	
<b>MUSC 483</b>	<b><i>Jazz Ensemble II</i></b>	1 hour
	Prerequisites: Fall Audition; 2 semesters of MUSC 183 Continuation of MUSC 183.	
<b>MUSC 484</b>	<b><i>Marching Band II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 184 and/or 185 Continuation of MUSC 184.	
<b>MUSC 485</b>	<b><i>Symphony Orchestra II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 184, 194, and/or 185 Continuation of MUSC 185.	
<b>MUSC 486</b>	<b><i>Brass Choir II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 186 Continuation of MUSC 186.	
<b>MUSC 487</b>	<b><i>University Band II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 187 or other major instrumental ensemble, such as MUSC 184 or 194 Continuation of MUSC 187.	
<b>MUSC 488</b>	<b><i>Woodwind Choir II</i></b>	1 hour
	Prerequisite: Two semesters of MUSC 188 Continuation of MUSC 188.	
<b>MUSC 489</b>	<b><i>Supervised Praise and Worship Ensemble</i></b>	1 hour
	Prerequisite: Audition and/or permission of instructor Practical experiences for the worship leader in training for mixed instrumental/vocal ensembles used in various evangelical traditions. Ensembles may include, but are not limited to: Official Department of Ministry Teams groups; Center for Worship Hand bell Ensemble; CFW House Band; E-41; and Lift. Groups provide music for various on campus events. Up to two hours credit from MUSC 489 may be applied as "approved credit" for the music and worship studies degree. (Formerly WMUS 489)	
<b>MUSC 490</b>	<b><i>Secondary Music Methods and Materials</i></b>	2 hours
	(Offered Fall semester) Prerequisite: Admission to the Music Education concentration Co-requisite: must be taken concurrently with MUSC 491 An exploration of middle school and high school music methods and materials. The development of general music programs and choral and instrumental programs are emphasized. Topics include: methods of assessment, communication, and classroom teaching procedures.	
<b>MUSC 491</b>	<b><i>Secondary Music Methods and Materials Practicum</i></b>	1 hour
	Prerequisite: Admission to the Music Education concentration Co-requisite: must be taken concurrently with MUSC 490 Classroom observation and teaching practice. Fifteen hours of monitored classroom observation and teaching in middle and high school music classroom situations; written evaluation of observing and teaching experiences.	
<b>MUSC 492</b>	<b><i>Percussion Ensemble II</i></b>	1 hour
	Prerequisite: Two semesters in MUSC 192 Continuation of MUSC 192.	
<b>MUSC 493</b>	<b><i>Chamber Music Ensemble II</i></b>	1 hour
	Prerequisite: Permission of instructor This course is designed to provide students the opportunity to participate in various chamber formations, receive weekly	

coaching, attend master classes with faculty members and guests as required, and present a public performance during the term.

**MUSC 494** ***Wind Ensemble II*** 1 hour  
(Offered Spring semester)

Prerequisite: Two semesters of MUSC 184 and/or 194  
Continuation of MUSC 194.

**MUSC 495** ***Directed Research in Music or Music and Worship*** 3 hours

Directed research into musicological, ethnomusicological, or worship studies type topics. The research is presented as a completed research paper, lecture or lecture-recital. Students are directed individually or in small seminar groups, as may be appropriate. May be taken more than once, but no research topic may be repeated.

**MUSC 496** ***Senior Artist or Worship Program*** 1 hour

Prerequisite: Approval of the student's primary faculty

A faculty-supervised 35-45 minute program devoted to the presentation of literature representative of contemporary Christian, worship and praise, gospel song, or hymn-style music. The student must demonstrate ability to organize a program using a variety of media, Scripture, drama, lighting, video, band and praise team. The student's final worship/artist program must be approved by Faculty Committee.

**MUSC 497** ***Special Topics – Music or Music and Worship*** 1 to 3 hours

Topics of special interest not included in the regular School of Music offerings. May be taken more than once, but no topic may be repeated.

**MUSC 498** ***Senior Recital*** 1 hour

Prerequisites: Completion of the MUSC Junior Candidacy Performance Review; completion of two semesters of private music performance instruction following the completion of the Junior Candidacy Review

Co-requisite: must be taken concurrently with 400 level private music instruction

Preparation and presentation of a solo recital under the supervision of the principal performance instructor. MUSC 498 is a graduation requirement for all B.M. and B.S. in Music and Worship degree programs. (Formerly WMUS 490)

**MUSC 499** ***Internship*** 3 hours

Prerequisites: MUSC 394 and 395; Junior or Senior status and required 2.00 GPA; approval of School of Music Internship Coordinator

This is a capstone course and is usually completed the summer between the junior and senior year. Special consideration is given to course completion during last semester of a student's senior year. Internship includes a 400-hour minimum of supervised, practical experience in an approved organization. Application procedures processed through the School of Music. Student must apply semester prior to completing internship.

## NATURAL SCIENCE

**NASC 315** ***Environmental Science*** 4 hours

(Offered fall semester)  
(3 hours lecture, 3 hours lab)

Prerequisites: BIOL 101 or 102 and MATH 110, Junior or Senior status or permission of the instructor.

An integrative studies course. This course includes the integration and application of biological and physical science principles to environmental issues including biological and sociological impacts of human population growth, use and management of natural resources, sources and regulation of pollution, and biological and economic aspects of conservation.

**NEW STUDENT SEMINAR**

**NSSR 101 *New Student Seminar*** No credit  
Designed to facilitate academic, spiritual and social development, the understanding of Judeo-Christian ethics and values within a Christian university setting and provide interaction between faculty and students which establishes high academic expectations.

**NURSING**

**NURS 101 *Introduction to Nursing*** 1 hour

This course focuses on an introduction to nursing education, nursing process, principles of teaching and learning, current roles of nurses in health care delivery systems as well as historical, ethical, political, social and legal aspects of nursing. This information is related to the curriculum requirements and career opportunities in nursing. Content also includes an introduction to nursing theory and theorists (with emphasis on Roy, Benner, and Gordon) as well as theories of adaptation, caring, systems, communication, health-illness, and caring as a ministry. Presentations include discussion of professional ethics and factors which motivate and influence nurses.

**NURS 105 *Medical Terminology*** 1 hour

This course provides basic understanding of medical terms and abbreviations. Includes study of prefixes, suffixes, word stems, and technical terms with emphasis on proper spelling, pronunciation and applications. Elementary aspects of the nursing process with special emphasis on assessment are incorporated.

**NURS 115 *Sciences in Nursing*** 3 hours  
Prerequisite: BIOL 213/214

The focus of this course is on physiological changes resulting from imbalances in the man-environment interaction throughout the life span. The emphasis is on application of general concepts of adaptation and homeostasis to each of the body's systems and on relationship of these concepts to the practice of clinical nursing. The course provides the student with a scientific knowledge base applicable to the more advanced clinical practice of nursing. (Formerly NURS 215)

**NURS 200 *Nursing Process Application*** 2 hours

Prerequisite: Acceptance into the Nursing Major

This course is designed to help students achieve success in the Liberty University Nursing Program. Students will learn and apply strategies for analyzing, evaluating, and researching information for clinical decision-making. Students will apply critical thinking constructs to develop and write nursing care plans and pathophysiologies for selected patients in case studies.

**NURS 210 *Health Assessment*** 3 hours  
(1.5 hours lecture; 4.5 hours clinical)

Prerequisite: Admission to the Nursing Major

This course focuses on the development of a body systems approach to health assessment of individuals emphasizing normal growth and developmental responses across the lifespan. Content includes an introduction to the knowledge and skills of health assessment through a variety of methodologies in the classroom, opportunities to practice skills in the nursing laboratory and experiences in the clinical settings. Students apply communication techniques in eliciting comprehensive health histories and perform physical examinations in evaluating health status.

**NURS 220 *Advanced Nursing Communication*** 3 hours  
Prerequisite: RN Licensure in good standing

It is essential that professional nurses have communication skills that are effective in promoting optimal interaction with others in a variety of situations. This course focuses on developing expert communications skills when communicating with other health care providers and patients and when communicating professional information through writing and speaking.

**NURS 221 *Fundamentals in Nursing*** 4 hours  
(2 hours lecture; 6 hours clinical)

Prerequisite: Admission to Nursing Major

This course focuses on the provision of safe and effective care related to common nursing technologies and the basic time and self-management as well as concepts regarding the establishment of effective communication skills, adaptation techniques, patient teaching techniques and specific age related considerations in the provision of nursing care are also discussed. The nursing laboratory, acute and long-term care settings provide the opportunity for the development of basic skills including medications.

**NURS 225 *Research in Nursing*** 3 hours

Prerequisite: Admission to the Nursing Major

This course provides an overview of the nursing process including methodology, design and interpretation of findings. It focuses on acquiring the beginning knowledge and skills essential for critical evaluation of research reports as well as guidance in the production of a poster presentation which incorporates evidence based knowledge related to a specific clinical problem.

**NURS 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Application procedures processed through the Career Center.

Must apply semester prior to internship.

**NURS 301 *Strategies for Adult Health Care I*** 5 hours  
(3 hours lecture; 6 hours clinical)

Prerequisites: NURS 210, 215, 221

In-depth exploration of bodily system dysfunction throughout the adult lifespan provides the focus of this course. Principles of pre-, intra-, and post-operative management, infection and wound management will be discussed. Discussions of dysfunctions of the respiratory, cardiac, vascular, hematologic, gastrointestinal, genitourinary and endocrine systems will also be included in the course content. With each topic covered, principles of care designed to most effectively maintain or restore homeostatic mechanism are addressed. Aspects of patient teaching and discharge planning are incorporated into each system. Assessment, analysis, planning, implementation and evaluation are emphasized as the nursing process is applied to the clinical learning experience in the acute care setting. Legal, ethical, political and economical issues are addressed in the theoretical and clinical component of this course. The student will be responsible for the management of self and one client in the clinical setting.

**NURS 302 *Strategies for Adult Health Care II*** 5 hours  
(3 hours lecture; 6 hours clinical)

Prerequisites: NURS 210, 221, 305

Continued in-depth exploration of bodily system dysfunction throughout the adult lifespan provides the focus of this course. Discussion of the musculoskeletal system, eye and ear, hepatobiliary and pancreatic systems, male and female reproductive systems, and neurological systems are included in the course. Cancer and therapeutic treatment of cancer, death and dying, and gerontology are also addressed in the course content. Principles of care designed to most effectively maintain or restore homeostatic mechanisms are discussed. Family involvement, coping and education are discussed with each system. Assessment, analysis, planning implementation and evaluation are emphasized as the nursing process is applied to the clinical learning experience in the acute care setting. Legal, ethical, political and economical issues are addressed in the theoretical and clinical components of the course. The student will be responsible for the management of the total patient/family needs of one or more patients each week in the clinical setting.

**NURS 305 Pharmacology** 2 hours

Prerequisites: NURS 210, 215, 221

Introduction to clinical drug therapy with emphasis on the knowledge and interventions needed to maximize therapeutic effects and prevent or minimize adverse effects of drugs. Major content areas include basic concepts of pharmacology, groups of therapeutic drugs, prototypes of drug groups, commonly prescribed individual drugs, drug effects on body tissue, human responses to drug therapy, and applying nursing process in relation to prescribed drug therapy regimens.

**NURS 306 Pharmacology II** 2 hours

Prerequisites: NURS 305 and acceptance into the Nursing major

Continued exploration of clinical drug therapy with emphasis on the knowledge and interventions needed to maximize therapeutic effects and prevent or minimize adverse effects of drugs. Major areas of study include groups of therapeutic drugs, their application in disease-process management, and their effects. Legal and professional issues surrounding the safe administration of medications are discussed. Human responses to drug therapy and application of the nursing process in relation to prescribed drug therapy regimens are discussed.

**NURS 325 Nursing Concepts** 1 hour

Prerequisite: Restricted to Registered Nurses only

This course is designed to assist the registered nurse student through the transition between basic nursing preparation and a more advanced level of nursing practice. Focus is on concepts and issues related to the professional nurse, the nature and scope of professional nursing and selected theoretical models for nursing practice.

**NURS 352 Caring for the Childbearing Family I** 4 hours

(2 hours lecture; 6 hours clinical)

Prerequisites: NURS 210, 215, and 221

The pregnant family through early infancy will be the unit of study. Discussion of political, economic, social, religious and health care influences on reproduction and family life and the counter influences of pregnancy and the birth of children in communities and societal systems will be included. The course focuses on the pregnant family's interaction with the environment. The stages of pregnancy, fetal development and adaptation of the newborn to extra-uterine life are the major topics of discussion. Normal and minor disruptions of the physiological and psychological functioning of the mother, the newborn and various family members will be emphasized through theory and practice.

**NURS 353 Caring for the Childbearing Family II** 4 hours

(2 hours lecture; 6 hours clinical)

Prerequisites: PSYC 210, NURS 210, 215 and 221

This course provides a comprehensive overview of child health problems from infancy to adolescence. Discussion of political, economic, social, religious and health care influences on child rearing families will be included. Study of the needs of the ill child and the hospitalized child and the resulting affects on the child's family will be emphasized through theory and practice.

**NURS 415 Cross-Cultural Nursing** 3 hours

(3 hours lecture; 3 hours clinical)

Prerequisite: NURS 301 or concurrent enrollment

The student utilizes the nursing process while gaining an understanding of the delivery of health care in a culture outside the United States or a subculture within the United States. The experience provides the student with an opportunity to examine personal values and beliefs as they are related to health practices of people from other cultures. It provides opportunity to experience the stress resulting from linguistic differences and the adaptation required to adjust professional and personal practices to a different cultural environment. Issues and view of health and illness are included in the student's analysis of the relationship between cultural

considerations and personal and health behavior. Students develop and practice communication skills and caring as a ministry with individual and family members of another culture.

**NURS 416 Preceptorship in Nursing** 3 hours

(1 hour lecture; 6 hours clinical)

Prerequisites: NURS 301, 302, 352, 353 and recommendation of faculty

This elective course focuses on the nursing process in the care of adults and children with multiple and complex nursing problems. Secondary and tertiary health care settings will be utilized. Students will be given the opportunity to select an area of concentration and to be associated with preceptors of experience in the field of choice. The course will include 15 hours of classroom time and 90 hours of clinical experience. The clinical experience will be guided by a learning contract, the preceptor and the instructor.

**NURS 417 Crisis Nursing** 3 hours

(2 hours lecture; 3 hours clinical)

Prerequisite: NURS 301 or concurrent enrollment

This course focuses on care of individuals and families in crisis. Theories of adaptation as well as situational and maturational crisis will be discussed and applied through use of the nursing process. Students have opportunities for communication and client teaching in a variety of crisis situations. Secondary and tertiary health centers as well as community support agencies will be utilized as clinical settings.

**NURS 418 Gerontological Nursing** 3 hours

(2 hours lecture; 3 hours clinical)

Prerequisite: Completion of one clinical course

This course will focus on the nursing care of the elderly, with special emphasis on health and wellness. Issues surrounding the aging process will be discussed. Students will have the opportunity to utilize knowledge and skills in a variety of facilities serving older adults.

**NURS 419 Strategies for End of Life Care** 3 hours

Prerequisites: NURS 201, 215, 221, 301 or permission of the instructor

This course focuses on the physical, emotional, legal and ethical issues that face nurses as they care for patients in their final days of life. Attention is paid to the lived experiences of the dying patient and their significant others. Strategies are discussed for professional intervention on behalf of the patient.

**NURS 420 Comprehensive Pain Management** 3 hours

Prerequisites: NURS 210, 215, 221, 301, 302, 306 or permission of the professor

This course emphasizes the development of the nurse as an advocate pertaining to pain management. Areas of study include societal bias, ethnic and gender bias related to pain management, ethical and legal considerations, and the nurse's role in the development of a therapeutic culture for pain management. This course will establish a sound foundation for nurses to take a leadership role in pain management.

**NURS 440 Strategies for Community Health Care** 5 hours

(3 hours lecture; 6 hours clinical)

Prerequisites: BIOL 203, NURS 301, 302, 352 and 353

This course focuses on the application of the nursing process to a population or community group. Emphasis is placed on community assessment process and the development of nursing strategies to assist multi-problem families, considering health on a continuum, throughout the lifespan. Family systems theory, theories of adaptation and educational needs of various populations will be addressed. The clinical focus is on the development of a broader perspective of the nurse's role in a variety of clinical and environmental settings. In addition, the nurse's role on the community health team and an understanding of health care needs of different cultural groups will be studied.

**NURS 445 Population Health** 3 hours

Prerequisites: NURS 301, 302, 305, 306, 352, and 353

This seminar course provides an overview of genetics, genomics, geriatrics, end-of-life care, and cultural sensitivity from a Christian worldview. Through the use of evidence-based practice guidelines, the student will utilize knowledge and skills attained throughout their nursing education and apply it to a variety of educational activities. These include Senior Mentor project, interaction with a community specialist panel, evidence-based research, self-reflection, therapeutic communication and critical thinking skills.

**NURS 451 Strategies for Mental Health Care** 3 hours

(2 hours lecture; 3 hours clinical)

Prerequisites: NURS 301, 302, 352 and 353

This course focuses on the psychosocial needs of an individual/family. Biological, psychological and spiritual systems will be emphasized. Development of nursing knowledge and skill for intervention with social-emotional balances and imbalances in the lifespan will be explored. Stress, adaptation, communication and personality development are emphasized. Behavioral concepts and mental health theories are integrated. In- and out-patient mental health agencies will serve as practice areas.

**NURS 460 Advanced Strategies for Adult Health Care** 4 hours

(2.5 hours lecture; 4.5 hours clinical)

Prerequisites: NURS 301, 302, 352 and 353

This course focuses on application of the nursing process in highly complex and/or life threatening situations, including the effect of crises on the patient and family systems. Knowledge from previous courses is expanded upon to provide a deeper understanding of the pathophysiology and the advanced health care needed in this highly technological setting. Clinical experiences focus on the management of total patient care of individuals with multi-system dysfunction, in collaboration with the involved nursing staff and physicians. Legal, ethical, political, historical and economic issues are addressed in the theoretical and clinical components of this course.

**NURS 465 Advanced Strategies for the Critically Ill** 3 hours

(2 hours lecture; 3 hours clinical)

Prerequisites: All Junior-level nursing courses and NURS 460

This course focuses on application of the nursing process in highly complex and/or life threatening situations. Content builds upon knowledge gained in previous courses, with an emphasis on the integration of this knowledge in a challenging patient population. A holistic approach is utilized, with psychosocial, legal, and ethical considerations discussed.

**NURS 466 Advanced Critical Care II** 3 hours

(2 hours lecture; 3 hours clinical)

Prerequisites: NURS 352, 353 (and completion of the Richmond program), NURS 460

This course focuses on application of the nursing process in highly complex and/or life threatening situations of the high risk mother and the critically ill infant and child. Content builds upon knowledge gained in previous courses, with an emphasis on the integration of this knowledge in a challenging patient population. A holistic approach is utilized, with psychosocial, legal, and ethical considerations discussed.

**NURS 490 Leadership/Management in Nursing** 5 hours

(3 hours lecture; 6 hours clinical)

Prerequisites: NURS 301, 302, 352 and 353

**NOTE: Must be taken the last semester of nursing major**

Benner's work on the novice to expert continuum and the seven domains of nursing will be explored and students will apply concepts to their own practices, both past, present and future. The leadership roles of the nurse as an individual and a group member while

utilizing the Christian principles such as godly character, servant attitude, honest and commitment will be emphasized. While caring for groups of patients and individuals, students will explore a variety of content areas including systems theory, professional practice models, care delivery models, nurse sensitive quality indicators, foundational documents that drive the nursing profession, financial that are relevant to supporting care in the practice setting, the influence of regulatory agencies on the delivery of care and health policies that affect health care in general. Students are expected to synthesize previously learned knowledge in complex nursing situations and to expand their abilities to use the problem-solving and decision-making processes.

**NURS 495 Directed Research** 1 to 3 hours

**PHILOSOPHY**

**PHIL 201 Philosophy and Contemporary Ideas** 3 hours

Prerequisite: ENGL 101

A survey of the major positions and figures in philosophy and the cultural worldviews and practical applications that derive from them, focusing specifically on theism, naturalism and humanism in contemporary thought.

**PHIL 210 Logic** 3 hours

Prerequisite: PHIL 201

A study of the basic laws of rational thought and their application to actual examples of verbal and written argumentation.

**PHIL 240 Christian Evidences** 3 hours

Prerequisite: PHIL 201

A survey of the evidences for the central truths of Christianity; the existence of God, the deity and resurrection of Christ and the authority and truth of the Bible.

**PHIL 301 History of Philosophy I** 3 hours

Prerequisite: PHIL 201

A study of major western philosophers through Thomas Aquinas.

**PHIL 302 History of Philosophy II** 3 hours

Prerequisite: PHIL 201

A study of major western philosophers from the 13th century to Kant.

**PHIL 303 History of Philosophy III** 3 hours

Prerequisite: PHIL 201

A study of major western philosophers of the 19th and 20th centuries.

**PHIL 310 Symbolic Logic** 3 hours

Prerequisite: PHIL 201, 210 or permission of instructor

This course covers the essential elements of symbolic logic, including categorical, sentential, and predicate logic, both translations and proofs. This course will introduce and develop the symbolic nature of propositional and predicate logic, as well as examine such things as validity and soundness, truth tables, rules of deductive inference and replacement, formal axiomatic systems, relations, alternative notations and proof techniques.

**PHIL 346 Eastern Philosophies** 3 hours

Prerequisite: PHIL 201

A study of Hindu, Buddhist and Confucian philosophical systems. The student will explore the basic logics employed in these systems, as well as the structure of their content.

**PHIL 350 Ethics** 3 hours

Prerequisite: PHIL 201

A survey of central ethical issues and problems and the major philosophical approaches to their solution.

**PHIL 360 Philosophy of Science** 3 hours

Prerequisite: PHIL 201

A study of the definitions, methods and presuppositions of both the natural and social sciences and their relationships to ethics and revelation.

**PHIL 380 Biomedical Ethics** 3 hours

A survey of the major ethical issues that are currently facing the life and medical sciences. Topics will cover ethical issues concerning life and death, clinical and health care, medical research and allocation of medical resources. Emphasis will be placed on providing guidelines in making critical ethical decisions, especially for those planning careers in the medical field.

**PHIL 420 Epistemology** 3 hours

Prerequisite: PHIL 201

A study of the major views on the basic issues of knowledge, belief, perception and certainty with special attention paid to the central historical controversies.

**PHIL 429 The Thought of St. Augustine** 3 hours

Prerequisite: PHIL 201

An integrative studies course examining Augustine's life and thought within his times, culture and context, integrating disciplines such as philosophy, theology, history, and literature. Students will explore various primary texts, investigating Augustine's theories regarding free will, predestination, the inner desire for God, signs and signification as philosophical concepts, the nature of truth, just war theory, good and evil, time and eternity, the nature of God and perfection, and interpretation theory.

**PHIL 430 Metaphysics** 3 hours

Prerequisite: PHIL 201

An introduction to the philosophical discussion of being; the nature of reality, the existence and attributes of God, and the nature of human persons, including the mind-body problem and the issue of freedom and determinism.

**PHIL 440 Philosophy of Religion** 3 hours

Prerequisite: PHIL 201

A study of the major issues in religion: the existence of God, the problem of evil, freedom and determinism, and religious language.

**PHIL 465 The Thought of C.S. Lewis** 3 hours

Prerequisite: PHIL 201

A study of the contributions to philosophy and Christian thought of C.S. Lewis. Special attention is given to his biography, early life and conversion, academic development, methods of critical thought, defense of the faith, arguments in favor of theism, poetry, mythopoetic literature, science fiction, as well as many contributions not usually associated with Lewis's popularity and recognition. Contemporary and recent literature on Lewis will be critically examined.

**PHIL 468 The Thought of J.R.R. Tolkien** 3 hours

Prerequisite: PHIL 201 or permission of the instructor

This is a study of the contributions to philosophy and Christian thought in the writing of J.R.R. Tolkien. The course will examine the implicit power of story in the major and minor works of J.R.R. Tolkien. In addition to exploring themes of identity, heroism, good and evil, and other moral virtues in Tolkien's mythical and short story writings, we will consider the influences of Tolkien's mythology and historical fiction in popular culture. While there will be some literary analysis throughout the course, most of the seminar will discuss the influence of mythology (i.e., the concept of eucatastrophe and sub-creation in fairy stories [i.e., fantasy], and the implicit power of language, virtue and free-will behind the worldview of Middle-earth).

**PHIL 495 Directed Research** 1 to 3 hours**PHIL 497 Special Topics in Philosophy** 1 to 3 hours

Prerequisite: PHIL 201

A seminar on various topics in philosophy, including current trends and figures.

**PHYSICAL SCIENCE****PHSC 102 Elements of Physical Science** 3 hours

A study of the basic concepts of chemistry and physics for non-science majors. Topics covered include structure and properties of matter; physical and chemical changes; motions and forces; sources, transfer, and conservation of energy; electricity and magnetism; sound and light.

**PHSC 104 Elements of Physical Science Lab** 1 hour

An optional 2-hour weekly laboratory experience to accompany PHSC 102. Attention will be given to laboratory procedures in chemistry and physics, safety, mathematics, measurement, data manipulation, and everyday uses of chemistry and physics.

**PHSC 121 Introduction to Astronomy** 3 hours

An overview of the principles of astronomy as related to the Solar System for non-science majors. An optional three-hour weekly lab will be offered coincident with this course. [Note: three hours refers to how long the lab meets, not the credit hours.]

**PHSC 122 Elements of Astronomy Lab** 1 hour

An optional lab to accompany PHSC 121. Attention will be given to laboratory procedures of astronomy, safety, observation skills and method, astronomical science and reasoning, conclusions/learning and practical astronomy.

**PHSC 210 Elements of Earth Science** 3 hours

A study of the principles of physical and historical geology, oceanography, and meteorology for non-science majors. Includes a two-hour weekly lab.

**PHSC 211 Elements of Earth Science Lab** 1 hour

An optional 2-hour weekly lab experience to accompany PHSC 210.

**PHSC 310 Astronomy: An Integrated Approach** 4 hours

Prerequisite: PHYS 101 or PHSC 102 or equivalent

An integrative studies course using principles of astronomy as a framework for integrating disciplines such as mathematics, physical sciences, history, and literature from the general education curriculum. Includes a three-hour weekly laboratory.

**PHYSICS****PHYS 101 Elements of Physics** 3 hours

A study of the basic concepts of physics for non-science majors. Included topics: Mechanics (motion, energy, simple machines, momentum, gravity), heat and thermodynamics, electricity and magnetism, sound and light, history and methodology of science.

**PHYS 103 Elements of Physics Lab** 1 hour

An optional lab to accompany PHSC 101. Attention will be given to laboratory procedures of physics, safety, mathematics, measurement, and data manipulation and everyday uses of physics.

**PHYS 201 General Physics I** 4 hours

(3 hours lecture; 2 hours lab)

Prerequisites: MATH 121 and some knowledge of trigonometry

A study of mechanics, gravitation, waves, sound, heat, light, electricity and magnetism, optics and modern physics from a non-calculus perspective.

**PHYS 202 General Physics II** 4 hours

(3 hours lecture; 2 hours lab)

Prerequisite: PHYS 201

A continuation of PHYS 201.

**PHYS 231 University Physics I** 4 hours

(3 hours lecture; 2 hours lab)

Prerequisites: MATH 132 (may be taken concurrently) minimum grade of "C"

A calculus-based study of mechanics, gravitation, waves, and heat.

**PHYS 232 University Physics II** 4 hours  
(3 hours lecture; 2 hours lab)  
Prerequisite: PHYS 231

A continuation of PHYS 231. Calculus-based study of electromagnetism, optics and select topics in modern physics.

**PHYS 320 Thermodynamics** 3 hours  
Prerequisite: MATH 231, PHYS 231 minimum grades of “C”

A study of the laws of thermodynamics, equations of state, kinetic theory, chemical equilibrium and phase changes.

**PHYS 495 Directed Research** 1 to 3 hours

### PASTORAL LEADERSHIP

**PLED 201 Foundation to Pastoral Leadership** 3 hours

Beginning with the biblical and theological foundations of Pastoral ministries, students will study the pastoral leadership qualifications, teaching/learning role of the church, and the various ministries available in the field. Special attention is given to mission statement development and program strategy.

**PLED 251 Church Planting and Development** 3 hours

An introduction to the skills and knowledge needed to plant a New Testament church “in culture.” A survey is given of the various schools of church planting with an evaluation of their strengths and weaknesses. Special attention is given to a study in evangelism and church growth principles, stressing the biblical and theological basis of evangelism as reflected in and through the local church.

**PLED 299 Internship** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

A supervised field experience designed for men studying for the senior or associate pastor. The site must be approved by the Department Chairman. Application procedures processed through the Career Center. Must apply semester prior to internship.

**PLED 301 Family Ministry in the Church** 3 hours

Prerequisites: Sophomore status

A comprehensive examination of the family dynamic in context of the local church. This course will not only examine the traditional home but will also investigate the non-traditional home. The role of pastor to family members will be considered including: courtship, pre-marriage counseling, and parenting. Special attention will be given to providing strategies and resources to parents consummating in the assimilation to the church.

**PLED 302 Staff Management and Relations in Pastoral Leadership** 3 hours

Prerequisites: Junior Status

The role of the pastor in normative interpersonal challenges of church staff will be identified and conflict resolution considered. A study of the responsibilities of different staff positions, the relationships between staff members, development of team spirit, staff planning and working with lay leadership. Special attention will be given to conflict management. A multiplicity of resources will be presented.

**PLED 350 Pastoral Duties** 3 hours

The call, qualifications and duties of the pastor are considered. In the areas of duties, such topics as preaching, teaching, evangelism, counseling and visitation will be taught. Instruction will be given in administering the ordinances of the church, as well as funerals and weddings.

**PLED 351 Church Assimilation and Development** 3 hours

Prerequisites: Junior Status

The study of recruitment, training, placement, assimilation, and networking of congregates into the local church community. An overview of church growth strategy through the multi-site and church planting will be examined that incorporates laymen into the church body. Special attention will be given to the application of

curriculum scope and sequence to life span life stages relevant to spiritual disciplines that facilitate church assimilation.

**PLED 421 Homiletics I** 3 hours

Prerequisites: COMS 101 and BIBL 350

This course is designed to introduce the student to proper methodology in organizing sermonic material into proper sermonic form. The student is introduced to proper methods of textual analysis and outline construction. A laboratory session is employed.

**PLED 422 Homiletics II** 3 hours

Prerequisites: COMS 101, BIBL 350 and PLED 421

This course is designed to teach the student proper methodology in sermonic presentation. The student is alerted to his particular voice and communication problems and given the opportunity of remedying them throughout the course of the semester. A laboratory session is employed.

**PLED 446 Christocentric Preaching** 3 hours

Prerequisites: PLED 421, BIBL 350, BIBL 480 (may be taken concurrently)

This course is designed to introduce students to the balanced practice of, methods for, and challenges related to responsibly and legitimately preaching expository, Christocentric sermons from all genres of Scripture. The course will emphasize a passage's place within the larger context of Scripture and prioritize evangelistic, gospel-centered preaching from both Old and New Testament.

**PLED 452 Critical Issues in Pastoral Leadership** 3 hours

Prerequisites: Senior status, PLED 201, 301 and 302

Designed as a capstone course, this class will direct students to recognize the critical issues in contemporary pastoral ministry. Students will examine their ministry readiness by inventorying and evaluating their cumulative learning experiences. The student will be guided to compile a personal portfolio that includes a theological and experiential learning analysis of personal educational assumptions. Special attention is given to Pastoral issues in the wider cultural context by identifying ministry strategies, values, and philosophy.

**PLED 495 Directed Research** 1 to 3 hours

**PLED 497 Special Topics in Pastoral Ministries** 1 to 3 hours

**PLED 499 Pastoral Ministries Internship** 3 hours

Prerequisites: Junior or Senior status and required GPA

A supervised field experience designed for men studying for the senior or associate pastor. The site must be approved by the Department Chairman. Application procedures processed through the PLED Faculty Internship Advisor. Must apply semester prior to completing internship.

### PLUMBING

**PLMB 101 Foundations of Plumbing** 4 hours

Co/Prerequisite: CRFT 101

Foundations of Plumbing is a practical course combining lecture and hands-on instruction. Topics addressed include: Introduction to the Plumbing Profession, Plumbing Safety, Plumbing Tools, Introduction to Plumbing Math, Introduction to Plumbing Drawings, Plastic Pipe and Fittings, Copper Pipe and Fittings, Cast-Iron Pipe and Fittings, Carbon Steel Pipe and Fittings, Corrugated Stainless Steel Tubing, Fixtures and Faucets, Introduction to Drain, Waste, and Vent Systems and Introduction to Water Distribution Systems.

**PLMB 201 Intermediate Plumbing** 4 hours

Prerequisite: PLMB 101

Intermediate Plumbing is a practical course combining lecture and hands-on instruction. Topics addressed include: Plumbing Math Two; Reading Commercial Drawings; Hangers, Supports, Structural Penetrations, and Fire Stopping; Installing and Testing DWV Piping; Installing Roof, Floor and Area Drains; Types of



Valves; Installing and Testing Water Supply Piping; Installing Fixtures, Valves and Faucets; Introduction to Electricity; Installing Water Heaters; Fuel Gas Systems; Servicing of Fixtures, Valves and Faucets.

**PLMB 301 *Advanced Plumbing*** 4 hours  
Prerequisite: PLMB 201

Advanced Plumbing is a practical course combining lecture and hands-on instruction. Topics addressed include: Applied Math; Sizing Water Supply Piping; Potable Water Treatment; Backflow Preventers; Types of Venting; Sizing DWV and Storm Systems; Sewage Pumps and Sump Pumps; Corrosive-Resistant Waste Piping; Compressed Air.

**PLMB 401 *Special Topics in Plumbing*** 4 hours  
Prerequisite: PLMB 301

Special Topics in Plumbing is a practical course combining lecture and hands-on instruction. Topics addressed include: Business Principles for Plumbers; Introductory Skills for the Crew Leader; Water Pressure Booster and Recirculation Systems; Indirect and Special Waste; Hydronic and Solar Heating Systems; Codes; Servicing Piping Systems, Fixtures and Appliances; Private Water Supply Well Systems; Private Waste Disposal System; Swimming Pools and Hot Tubs; Plumbing for Mobile Homes and Travel Trailers.

## PSYCHOLOGY

**PSYC 101 *General Psychology*** 3 hours

Introduction to Psychology as a scientific discipline concerned with the study of behavior. Consideration will be given to such topics as human development, motivation, emotion, perception, learning, personality, intelligence, measurement and applied areas.

**PSYC 150 *Psychology of Relationship Development*** 3 hours

Since relationships form our identity and color everything we do, they are essential to living a successful and fulfilling life. This course offers healthy relationship concepts and practices and strives to remedy these deficiencies through an interactive “relationship education”.

**PSYC 210 *Developmental Psychology*** 3 hours

An overview of the human life span from conception through senescence. Continuity of development as well as critical periods faced by the maturing human will be emphasized using contemporary theories and research as foundation materials.

**NOTE: PSYC 101 or 210 is a prerequisite for all other 200, 300, and 400 level Psychology courses.**

**PSYC 221 *Psychology of Childhood*** 3 hours

A study of child growth and development from birth to puberty. Examination of the basic theories principles and practices of childhood training and education.

**PSYC 231 *Psychology of Adolescence*** 3 hours

An investigation of the psychological and environmental factors related to puberty, peer identification and identity conflict in the adolescent. Emphasis will be upon the development of self-identity and the problems faced by the American adolescent.

**PSYC 235 *Psychology of Adulthood*** 3 hours

The focus will be on viewing adult development as an integrative, dynamic and continuous process terminated only at death. The whole span of adulthood will be examined, including retirement and old age.

**PSYC 255 *Introduction to Research*** 3 hours

An introduction to psychological research techniques and methodology designed to improve students’ understanding of the basic issues in the scientific methods of the social sciences. The goals of the course are: to improve students’ understanding of the concepts related to research methodology; to improve the students’

ability to communicate ideas about science, including a significant amount of writing; and survey of both quantitative and qualitative research methods.

**PSYC 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Selected topics in psychology will be treated at an advanced level. Experience will be acquired in clinic settings and through exposure/intern opportunities. Application procedures processed through the Career Center. Must apply semester prior to internship.

**PSYC 305 *Overview of Theory and Treatment of Substance Abuse*** 3 hours

Prerequisite: PSYC 101, 210, SOCI 201, or permission of the instructor

An introduction to the theory and treatment of substance abuse and addiction. Students will be exposed to both secular and biblical concepts of substance abuse and will be asked to formulate an appropriate integration of both sets of material.

**PSYC 306 *Advanced Theory and Treatment of Substance Abuse*** 3 hours

Prerequisite: PSYC 305

Advanced information on the theory and treatment of substance abuse and addiction with both secular and biblical concepts of substance abuse, recovery, and the impact upon family systems and society. An appropriate integration of the sets of materials will focus on the 12-step method of recovery and methods of relapse prevention.

**PSYC 311 *Educational Psychology*** 3 hours

Acquaints the student with various learning theorists and models of learning. Focus is on the generation of practical solutions to problems associated with the teaching-learning process.

**PSYC 312 *Social Psychology*** 3 hours

Prerequisite: PSYC 101, 210, or SOCI 200

Social psychology is the study of how the presence of other people affects an individual’s behavior, as well as how an individual forms opinions and attitudes about others. Topics in the course include interpersonal attraction, accuracy of eye-witness testimony, impact of TV on aggression, non-verbal communication, group decision making, and the impact of advertising on beliefs and behavior.

**PSYC 315 *Applied Psychology*** 3 hours

An introduction to the wide variety of positions psychologists fill in government, industry, education and the social services. Students are given information on the various applications of psychological theories, principles and practices as they relate to different career fields.

**PSYC 316 *Industrial and Organizational Psychology*** 3 hours

Industrial and Organizational (I/O) Psychology is the application of the scientific study of human behavior and mental processes to work organizations. The major areas of concern for I/O psychologists include recruitment, selection, training, evaluation, motivation, leadership and job attitudes. Additional time will be dedicated to the investigation of human factors engineering and consumer behavior.

**PSYC 317 *Crisis Intervention*** 3 hours

Prerequisite: PSYC 101, 210, or SOCI 201

An examination of the various types of crises and the effect upon the individual. Coping skills and therapeutic approaches are discussed. Areas addressed include: PTSD, Chemical Dependency, Crises of Lethality, and Sexual Assault, among others.

- PSYC 318 *Consumer Psychology*** 3 hours  
Consumer Psychology is the study of individuals, groups, or organizations and the processes they use to select, secure, use, and dispose of products, services, experiences, or ideas to satisfy the wants and needs of the consumer and society.
- PSYC 320 *Behavior Management*** 3 hours  
The application, implementation, measurement, and evaluation of behavior management techniques in various settings including hospitals, institutions, and schools.
- PSYC 336 *Gerontology*** 3 hours  
The facts of demography describe the background and present status of elderly people in the United States. Then the biological, psychological and sociological factors in aging will be studied to promote an in-depth understanding of the dynamics of aging. The dying-grieving processes, as well as LTC policies and government-sponsored programs are explored.
- PSYC 341 *Psychology of Personality*** 3 hours  
The major historical and contemporary theories of the origin and development of personality are explored, emphasizing the role of the dynamics of personality.
- PSYC 345 *Exceptional Child*** 3 hours  
All major areas of exceptionality will be surveyed to provide undergraduate students with a first contact with the field of exceptionality. The focus is cognitive content-based rather than experiential. Characteristics of children and families will be evaluated, according to theories of human development.
- PSYC 350 *Bibliotherapy*** 3 hours  
Bibliotherapy is a study of the history, methodologies, and applications of the use of therapy through books and as a process of dynamic interaction between the personality of the reader and literature. Literature for children and adolescents is presented as a tool and a backdrop for counseling troubled clients with needs similar to those of characters presented in the literature. Appropriate bibliographies with assigned readings are combined with topics on issues of common concern. Students are given the opportunity to explore personal issues as well as those expected to be encountered in social service settings.
- PSYC 351 *Multicultural Counseling and Research Issues*** 3 hours  
Mental health counseling should assist students to take their own backgrounds into account before learning about counseling approaches which center around techniques shown to be multiculturally effective. The importance of therapist characteristics will be emphasized. Additionally, research leading to the misunderstanding of minority culture members will be critiqued as the value of objective scientific reporting is recognized to be critical to advancement in the mental health field.
- PSYC 354 *Statistics for the Social Sciences*** 3 hours  
Prerequisites: MATH 115 or higher  
Introduction to the descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, and visual displays of data with applications in psychology and the other social sciences.
- PSYC 355 *Statistics in Psychology*** 3 hours  
Prerequisites: PSYC 354; MATH 115 or higher  
Introduction to statistical methodology in the social sciences, particularly as related to psychological measurement and development of scientific research studies involving quantitative investigation.
- PSYC 356 *Introduction to Qualitative Research*** 3 hours  
An overview of qualitative research methods and qualitative data analysis. The course introduces the student to the logic and process of qualitative research, to four specific qualitative research methods—phenomenology, ethnography, case study, and grounded theory—and the basics of analyzing qualitative data.
- PSYC 361 *Marriage and Family*** 3 hours  
Prerequisite: PSYC 101, 210, or SOCI 201  
This course examines the research from the social sciences, showing the benefits of marriage to those married and to society at large, as well as the biblical basis for marriage and family. The course also investigates the research regarding family strength, incorporates instruction relating to preparation for marriage, and offers marital and family enrichment.
- PSYC 365 *Psychological Foundations of Learning*** 3 hours  
Prerequisite: Nine additional hours of psychology  
A study of human learning, including examination of conditioning, modeling, cognitive development, and high level thought processes. Models of behaviorism, social learning, cognitive development, memory, motivation, and attribution theories will be evaluated.
- PSYC 371 *Theories in Counseling and Psychotherapy*** 3 hours  
Prerequisite: PSYC 341  
The principal current theoretical approaches to counseling and psychotherapy represented and evaluated. Exploration of techniques and methods in group and individual counseling.
- PSYC 380 *Physiological Psychology*** 3 hours  
Prerequisite: Nine additional hours of psychology  
Study of neurological aspects of human behavior for those who intend to further their study in psychology or related fields. Major objectives include developing appreciation for the complex functioning of the human body, acquiring basic understandings of the primary mechanisms of behavior and investigating medical advances affecting these areas.
- PSYC 401 *History and Systems of Psychology*** 3 hours  
Prerequisite: Nine additional hours of psychology  
The history of psychology from its beginnings in early philosophical thought to the present. Emphasis is on the last century of developments in the field, the life, and works of historically eminent psychologists.
- PSYC 405 *Group Dynamics*** 3 hours  
The study of human personality in relationship to other persons, singularly and in groups. The application of the principles of group dynamics to business, industry, public and private life will be examined in theory and demonstrated with exercises.
- PSYC 406 *Addictions and the Recovery Process*** 3 hours  
Prerequisite: PSYC 306 or permission of the instructor  
This course provides to students knowledge of addictions and the recovery process. Students will learn about dual diagnosis, comorbid issues, adjunctive treatment and support, addiction and special populations (women, adolescents, same-sex attraction, etc.), codependency, relapse prevention, crisis management and counseling and HIV.
- PSYC 407 *Addictions Groups, Ethics and the Community*** 3 hours  
Prerequisites: PSYC 371, 406; or permission of the instructor  
This course focuses on the issues of group counseling and dynamics, client and community, education and ethics. Students will learn both didactic and psychodynamic group counseling skills. Learning groups will prepare a program of client and community education focused on substance abuse prevention. Students will also learn about ethical issues in substance abuse treatment.
- PSYC 410 *Psychology of Religion*** 3 hours  
A challenge to examine the role psychology plays in religious beliefs. Students will analyze and evaluate assigned texts and novels comparing aspects of ten religions and how psychological theories coincide with each system.

**PSYC 420 *Psychology and the Bible*** 3 hours

Prerequisite: PSYC 410 or permission of the instructor

Based on the history of the theories of psychology, students will analyze the psychological views of humanity. Biblical views of Christian writers will be used to examine the foundations of a sample of current psychological theories.

**PSYC 421 *Psychological Measurement*** 3 hours

Prerequisite: PSYC 355

A study of standardized tests in psychology, counseling and education. Includes personality, aptitude, general ability, achievement and interest tests. Elementary statistics necessary to test usage and interpretation will be a part of the course.

**PSYC 430 *Abnormal Psychology*** 3 hours

Prerequisite: PSYC 341

A study of neurotic and psychotic behavior including origin, classification, symptoms and a survey of diagnosis, therapy and prevention.

**PSYC 440 *Experimental Design in Research: Application and Construction*** 3 hours

Prerequisite: PSYC 355

Acquaints the prospective research experimentalist in the behavioral sciences with a number of the basic principles used in the construction of experimental designs.

**PSYC 460 *Counseling Processes and Techniques*** 3 hours

Prerequisites: PSYC 341 and 371

Theory and practice of counseling will be treated in an experiential, group-practice manner. Students will be exposed to counseling issues at a level commensurate with senior status and entry into the community workplace.

**PSYC 475 *Psychology of Criminal Behavior*** 3 hours

Prerequisites: PSYC 101, 210, SOCI 200; PSYC 341 and PSYC 430

An examination of the factors that contribute to criminal behavior, including various psychopathological and sociological aspects.

**PSYC 495 *Directed Research*** 1 to 3 hours

**PSYC 497 *Special Topics in Psychology*** 3 hours

An examination and evaluation of moral and ethical concepts and principles as they relate to the field of psychology. A wide range of subjects will be discussed including counseling intervention systems, the exceptional child, vocational development and human development.

**PSYC 498 *Senior Project*** 3 hours

Prerequisite: PSYC 355 and PSYC 440

Junior or Senior majors in Psychology will engage in a formal project of research, calling upon their previous courses in statistics and research methods, to produce a detailed project as a written capstone to a Psychology education.

**PSYC 499 *Internship*** 1 to 6 hours

Prerequisites: 2.00+ overall GPA, Senior Status, 18 credits of PSYC coursework successfully completed, suitable internship site, and completed Student Internship Agreement (SIA)

Selected topics in psychology will be treated at an advanced level. Experience will be acquired in clinical settings and through exposure/intern opportunities. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**RELIGIOUS STUDIES**

**RLST 489 *Religious Studies Capstone*** 3 hours

This capstone course for all Religious Studies majors seeks to integrate the major program learning outcomes for the Concentrations in the B.S. in Religious Studies. Students will grapple with some of the most difficult questions in the Bible and theology, but they will also demonstrate how their religious

education applies to real life ministry situations in national and international contexts. This course is designed for final semester seniors/graduates of the B.S. in Religious Studies program.

**RLST 499 *Biblical and Theological Studies Internship*** 3 hours

Prerequisites: Junior or Senior status (Students may see professor for prerequisite override); 3.00 GPA; BIBL 350 and THEO 350 (21 total hours in major); BTST major.

This internship will focus on both the programming and leadership aspects of ministry. It will be a supervised field experience at an approved site. Application procedures processed through the online application. (Available Spring 2015)

**SPEECH COMMUNICATION**

**SCOM 110 *Media and Culture*** 3 hours

A global survey of digital communication (news, information, entertainment), including cultural impact, targeted messaging, collaborative solutions, and trust-relationships between content producers and their participating users. Course focus is on the application of these new forms of media in personal lives, organizations and business.

**SCOM 210 *Communication Perspectives*** 3 hours

Prerequisite: COMS 101

As a broad-based introduction to communication theory, this course surveys scientific and interpretative approaches to the study, analysis, and explanation of communication within a variety of contexts. (Formerly COMS 210)

**SCOM 226 *Interpersonal and Group Communication*** 3 hours

Prerequisite: COMS 101

An introduction to interpersonal communication, relationships, methods of small group communication, and problem solving. Personal skills in becoming team players and resolving conflict are examined and developed.

**SCOM 315 *Oral Interpretation*** 3 hours

Study and practice of the art of using speech to communicate literature to an audience.

**SCOM 325 *Interpersonal Communication*** 3 hours

A study of the nature of interpersonal communication and relationships. Attention is focused upon personal responsibilities, interactive factors, and message and contextual variables in relationships. Personal skills in stimulating friendships and resolving conflict are examined through exposure to theory, practical exercises, and analysis of personal relationships. (Formerly COMS 325)

**SCOM 330 *Small Group Communication*** 3 hours

Study and practice of the theories and methods of group communication. (Formerly COMS 330)

**SCOM 335 *Argumentation*** 3 hours

Prerequisites: COMS 101

Study and practice of principles of analysis, reasoning, evidence, organization and speaking needed to logically demonstrate and defend a position before an audience. (Formerly COMS 335)

**SCOM 345 *Persuasion*** 3 hours

Prerequisites: COMS 101

Analysis and practice of techniques used to change attitudes, beliefs, and behavior in various communication contexts. (Formerly COMS 345)

**SCOM 355 *Organizational Communication*** 3 hours

Prerequisites: COMS 101

A theoretical overview of communication functions and issues in a variety of contexts within organizations. Study and development of effective communication skills within the challenging, diverse workplace, and other organizational settings. (Formerly COMS 355)

**SCOM 358 *Essentials of Customer Service*** 3 hours

This course examines customer relationship management (CRM) as a key strategic process within all organizations. CRM is defined as the overall process of building and maintaining profitable customer relationships by delivering value and satisfaction to the customer. Focusing on process, strategy and technology, this course leads students from understanding the fundamentals of CRM through the implementation of CRM systems and analysis of customer data. It discusses the CRM philosophy as well as the systems in place that incorporate and integrate information from sales, marketing and service.

**SCOM 360 *Leadership Through Communication*** 3 hours

Prerequisites: COMS 101

Students will learn how communication styles strategically enhance the ability of individuals to lead organizations. Students will study leadership traits and communication patterns and, through a hands-on process, develop personal leadership styles.

**SCOM 370 *Motivational Speaking*** 3 hours

An advanced public speaking course that aims to develop and polish public speaking skills through the use of contemporary speech construction and delivery methods. Special emphasis will be placed on understanding of audience needs and the development of oral communication strategies for effective inspiration and motivation in the contexts of ministry, business and various professions.

**SCOM 380 *Vendor Communication & Strategic Relations*** 3 hours

This course is designed to apply the principles of strategic communication and public relations to the specialized area of developing sound relationships with the vendors, suppliers, and other specialized affiliates of an organization.

**SCOM 387 *Forensics Practicum*** 3 hours

Introduction, theory, training, and instruction necessary to develop speech performance skills required for success on a competitive forensic speaking team. Students participate in multiple intercollegiate speaking events on campus and at other schools. Emphasis is on individual speaking events including platform, limited preparation, and oral interpretation events. Students must attend weekly coaching sessions and travel or present their work on a regular basis to receive credit. These credits may be repeated. (Formerly COMS 387)

**SCOM 388 *King's Players Practicum*** 1 hour

Practical application of dramatic and ministry principles. Student activities include acting, costuming, publicity/ promotion, set construction, sound reinforcement, and stage lighting. (Formerly COMS 388)

**SCOM 395 *Debate and Individuals Events*** 1 hour

One hour of credit is available each semester to members competing on the extracurricular forensics team. Competition may be in debate or individual events. Students must attend weekly practice sessions and travel on a regular basis to receive credit. These credits may be repeated, but will not count toward a Speech concentration or minor. (Formerly COMS 395)

**SCOM 455 *Communication Theory*** 3 hours

A study of modern theories of communication with application to various contexts of speech communication. (Formerly COMS 455)

**SCOM 460/ *Career Preparation*** 3 hours

**STCO 460**

Prerequisite: Senior Standing Only

Students research and explore the types of Strategic Communications opportunities available to them upon graduation. This course emphasizes jump-starting careers by undertaking a professional job search and awareness of current job market conditions. (Formerly COMS 360)

**SCOM 465 *Rhetorical Theory*** 3 hours

A historical survey and study of rhetorical theory in the past and present. Attention is given to Greek and Roman rhetorical theory, theories prevalent in the Middle Ages and Renaissance, and modern rhetorical theory. (Formerly COMS 465)

**SCOM 475 *Criticism of Public Address*** 3 hours

The investigation of public address through historical and rhetorical critical methods. Focus on the development of competent critics through oral and written presentations. (Formerly COMS 475)

**SCOM 490 *Crisis Communications*** 3 hours

This course will examine modern crisis communication, and provide the students with exposure to and practice in organizational communication, gathering information and providing analysis, and oral and written communication skills, essential for handling crisis situations. (Formerly COMS 490)

**SPORT MANAGEMENT**

**NOTE: All students must maintain a "C" or higher for all Sport Management courses.**

**SMGT 200 *Introduction to Sport Management*** 3 hours

This course is designed to provide students with an introduction to the skills and competencies required to pursue career opportunities in the sport industry.

**SMGT 201 *History of Sport*** 3 hours

This course investigates the historical development of sport and recreational activities practiced in North America. Major influences on the development of sport are examined including religious beliefs, social and cultural values, economics, politics, and technological advances.

**SMGT 205 *Practicum*** 3 hours

Prerequisite: SMGT 200 and 201 or concurrent enrollment

Supervised work experience in a sport administration area by the student with approval of advisor.

**SMGT 300 *Introduction to Coaching*** 3 hours

Prerequisite: Sophomore status

An overview of the roles, qualifications, responsibilities, and skills required of coaches during the season and off season. Issues affecting coaches both on and off the field will be addressed.

**SMGT 302 *Sport Facilities and Events*** 3 hours

Prerequisites: Completion of all 200-level SMGT courses, BUSI 201 or consent of instructor

This course is designed to provide students with an overview of facility planning and design, facility operations, and event management.

**SMGT 304 *Coaching Football*** 3 hours

(Offered in the fall semester)

Prerequisite: Junior status

An examination of the theories, techniques, and styles of coaching football. Multiple offensive and defensive strategies are explored.

**SMGT 305 *Sport Law*** 3 hours

Prerequisites: Completion of all 200-level SMGT courses, BUSI 201 or consent of instructor

With a managerial approach to legal issues, this course will examine the influences of current state and federal legislation, collective bargaining agreements, regulation agencies, employee-employer relations, contracts and educational enterprises in relation to sport management.

**SMGT 306 *Coaching Basketball*** 3 hours

(Offered in the spring semester)

Prerequisite: Junior status

A study of the theories, methods, organization, and techniques of teaching and coaching of basketball skills and team play.

**SMGT 307 Coaching Fall Sports** 3 hours  
(Offered in the fall semester)

Prerequisites: Coaching minors must have completed SMGT 300. All non-coaching minors must obtain the consent of the instructor.

This course will function as an orientation to the coaching of specific individual and team sports. Furthermore, the course is designed to evaluate the knowledge and skill proficiencies (competencies) of coaching minors in selected sport and activities. The sports covered in this course are: volleyball, cross country/track and field and soccer.

**SMGT 308 Coaching Spring Sports** 3 hours  
(Offered in the spring semester)

Prerequisites: Coaching minors must have completed SMGT 300. All non-coaching minors must obtain the consent of the instructor.

This course will function as an orientation to the coaching of specific individual and team sports. Furthermore, the course is designed to evaluate the knowledge and skill proficiencies (competencies) of coaching minors in selected sport and activities. The sports covered in this course are: tennis, baseball/softball, and golf.

**SMGT 310 Communication in Sport** 3 hours

Prerequisites: Completion of all 200-level SMGT courses; BUSI 201, ENGL 101, ENGL 102 or MUSC 200, COMS 101

This course is a macro analysis of the field from personal, organizational, and external perspectives. Special attention is given to historical and theoretical features of the field, personal and organizational process, sport media, services and support systems, and sociological and legal aspects of sport.

**SMGT 312 Introduction to Sport Ministry Outreach** 3 hours

Prerequisites: Sport Management majors must have completed SMGT 200, 201; BUSI 201; ENGL 101, ENGL 102 or MUSC 200; COMS 101; SMGT 302

This course will explain the inter-relationships between sport and religion while examining the impact of muscular Christianity and sport ministry in North America. Tools and guidelines for preparing, organizing and administering a sport ministry program will also be examined.

**SMGT 314 Coaching Dynamics** 3 hours  
(Offered in spring semester)

A study of rules, game procedures, methods, and practices in officiating athletic activities as well as instruction on video editing technology and film breakdown for a variety of sports. Students will also acquire certification in CPR, AED, and First Aid related to Coaching.

**SMGT 315 Concepts and Practices in Sport Outreach** 3 hours

This course introduces the student to the broad spectrum of Christian concepts and practices with sport camp operation and leadership. The student will be equipped to plan, fund, program, direct, evaluate and assess a camp's effectiveness with an emphasis on outreach to athletes or high school and college campuses, in the local church, and with community organizations.

**SMGT 317 Mentoring in Sport** 3 hours

A residency whereby the student is assigned to a ministry outreach setting for the purpose of receiving hands-on experience and guidance in the day-to-day functions of sport outreach.

**SMGT 321 Global Sport Outreach** 3 hours

This course will examine global strategy issues within the context of sport outreach. Nation, region, and outreach specific factors that determine outreach effectiveness will be analyzed. Key global sport outreach organizations will be examined to deepen students' understanding of effective sport outreach theories and strategies. Students will develop a basic conceptual framework to

formulate a strategy for undertaking sport outreach in a global setting.

**SMGT 399 Interim Internship** 3 hours

Prerequisites: Completion of all 200-level SMGT courses or consent of the instructor

A SMGT directed elective that will consist of supervised work experience approved in advance by the professor in a sport administration and/or management cognate (administration, aquatics, promotion, marketing, directing, fitness). Application procedures processed through the Sport Management Department Faculty Internship Advisor (FIA).

**SMGT 400 Sport and Exercise Psychology** 3 hours  
(Offered in the spring semester)

Prerequisite: Completion of all 300-level SMGT courses, or consent of instructor. Open to all non-SMGT majors.

Coaching Minors: This is a required course.

This course is designed to provide students with an in-depth view of the theoretical and applied aspects of the psychology of sport and exercise. The emphasis is on providing knowledge and skills necessary to improve athletic performance, enhance health and well-being, and understand personal and situation variables in the exercise environment as related to the psychological development of the individual.

**SMGT 401 Sport Methodology, Methods and Practices** 3 hours

An introductory class to the psychological and emotional aspects of sport. Topics include mental preparation, goal setting, extrinsic vs. intrinsic reward, stress, anxiety, relaxation and coping within the context of sport participation. The topic of competition and the concepts of success and failure are discussed from a biblical perspective.

**SMGT 402 Sport Chaplaincy** 3 hours

This course will examine what it means to be a sports chaplain. Learning how to pray for, to serve, to challenge and to invest in lives and being on the journey of faith for those who serve.

**SMGT 404 Administration and Organization in Sport and Recreation** 3 hours

Prerequisites: Junior status, completion of all 200-level SMGT courses, SMGT 302 and 305, or consent of the instructor

A study of the problems and considerations involved in the successful management of sport and recreation programs. Areas considered include program planning, organization, leadership and evaluation, and current organizational trends.

**SMGT 405 Sport Finance** 3 hours

Prerequisite: Completion of all 200- and 300-level SMGT courses

Economic marketing and finance theories applied to sport organizations, with special emphasis on the impact of sport upon the proximate community, and general development of cities and sport facilities.

**SMGT 406 Issues and Trends in Sport** 3 hours

Prerequisite: Completion of all 200- and 300-level SMGT courses

A basic understanding of the developments, trends and social processes that explain the widely popular sporting experiences of society today.

**SMGT 410 Sport Marketing** 3 hours

Prerequisite: Completion of all 200- and 300-level SMGT courses

The relevant areas of marketing are applied to sport applications for spectator and participative sport organizations are given. Special emphasis is placed on strategic planning, product analysis, and the development and presentation of marketing packages to secure sponsorship.

- SMGT 495 Directed Research** 1 to 3 hours  
**SMGT 497 Special Topics in Sport Management** 1 to 3 hours  
 Prerequisite: Completion of all SMT 200-level courses  
**SMGT 499 Internship** 1 to 12 hours  
 Prerequisite: 2.25 GPA; enrolled in 110 credit hours; or consent of instructor

Placement with a sport organization for a controlled learning experience with the student's career specialization area. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### SOCIOLOGY

- SOCI 200 Introduction to Sociology** 3 hours  
 A study of social theories, their histories, social structures, functions, and conflict emphasizing human, institutional, and group interactions. The course provides an overview of political, economic and other cultural phenomena and methodologies of the results of scientific social research. In addition, it seeks to expand ideas, concepts, theoretical, and practical orientations by utilizing a comparative perspective.  
**SOCI 201 Social Problems** 3 hours  
 A study of social dilemmas such as crime, pollution, war, poverty, drug addiction, and racial discrimination. Course content is both theoretical and practical.

**NOTE: SOCI 200 or 201 is a prerequisite for all other Sociology courses.**

- SOCI 313 Social Organizations** 3 hours  
 (Offered fall semester)  
 Prerequisite: SOCI 200 or consent of the instructor  
 This course investigates the organizational culture and its impact on professionals, clients and service provision. Topics range from handling the day-to-day issues that characterize every workplace to understanding the larger sociopolitical context in which organizations function. The distinctive dynamics of communities, organizations, and change are emphasized. The cognitive, assessment, and evaluation components or practice and the skills essential for networking and case management in the human services professions are addressed.  
**SOCI 340 Human Societies: A Global View** 3 hours  
 (Offered spring semester)

The sociological perspective will be applied to the study of population, culture, education, religion, hunger, and community outreach. We presently live in a world divided by societal stress and persecution. It is imperative as Christians that we develop a world view that promotes the cause of Christ. Education for the profession requires foundational understanding of human needs, social problems, and all welfare responses.

- SOCI 349 Sociology of Disability** 3 hours  
 Prerequisite: SOCI 200 or 210  
 The course will examine the social implications of disability, exploring its impact on the individual and on society. Students will be exposed to the many ways a disability can affect the lives of individuals, the processes by which people with disabilities adapt to their limitations, along with the influence society has in promoting both independence and dependence among people with disabilities. Major theories, research findings and biblical accounts will be used to analyze methods of understanding the challenges faced by people with disabilities and of developing a pragmatic approach to serving them effectively.  
**SOCI 495 Directed Research** 1 to 3 hours  
**SOCI 497 Special Topics in Sociology** 1 to 3 hours

### SOCIAL WORK

- SOWK 200 Introduction to Social Work and** 3 hours

### Human Services

An introduction to the field of Social Work and Human Services. Consideration will be given to such topics as the history and current development of social welfare programs, methods of influencing social change, professional values and ethics, the particular needs of at-risk populations, theories of human behavior, and family, group, community and organizational functioning.

### SPANISH

**NOTE: All students with one or more years of high school Spanish are encouraged to consider CLEP for lower level language credits. All course enrollments are based on placement. The appropriate online assessment test must be taken prior to enrollment. Contact the Department of English and Modern Languages for more information.**

- SPAN 101 Elementary Spanish I** 3 hours  
 This is an introductory course designed to place emphasis on functional grammar, practical vocabulary, listening skills and conversation in Spanish. This course will serve as a basis for further development of fluency in reading, writing, understanding, and speaking the language.  
**SPAN 102 Elementary Spanish II** 3 hours  
 Prerequisite: SPAN 101, or placement score  
 This is a continuation of the beginning course, Spanish 101, emphasizing the development of functional grammar, practical vocabulary, listening, reading and writing skills in Spanish. This course is designed to further develop fluency in reading, writing, listening comprehension and speaking in the language.  
**SPAN 201 Intermediate Spanish I** 3 hours  
 Prerequisite: SPAN 102, or placement score  
 This is an intermediate course designed to place continued emphasis on functional grammar, practical vocabulary, listening exercises and conversation in Spanish. This course expands the basic proficiencies in speaking, listening, reading and writing the language acquired in Spanish 101 and 102. This course is conducted primarily in Spanish.  
**SPAN 202 Intermediate Spanish II** 3 hours  
 Prerequisite: SPAN 201, or placement score  
 Readings in Spanish literature as the starting point for written and orally interactive activities in Spanish, with special emphasis on Spanish grammar, vocabulary and idioms.  
**SPAN 299 Internship** 0 hours  
 Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.  
 Application procedures processed through the Career Center. Must apply semester prior to internship.  
**NOTE: Except for Spanish 324, all 300- and 400-level classes are conducted in Spanish.**  
**SPAN 301 Advanced Spanish Grammar and Composition** 3 hours  
 Prerequisite: SPAN 202  
 This course features in-depth study of advanced Spanish grammar critical to increased proficiency. This course should be taken with or prior to courses in Spanish translation.  
**SPAN 302 Advanced Spanish Composition and Conversation** 3 hours  
 Prerequisite: SPAN 202  
 Development of practical vocabulary and fluency in speaking and writing.

**SPAN 304** *Civilization and Culture of Latin America* 3 hours  
 Prerequisite: SPAN 202  
 Through lectures, oral presentations and selected readings in Spanish, this course will survey Latin American culture, from the conquest to the present and examine socio-economic problems and relationships with the United States.

**SPAN 305** *Civilization and Culture of Spain* 3 hours  
 Prerequisite: SPAN 202  
 Starting in the pre-Roman era and ending with present-day Spain, this course will chronologically analyze Spanish Culture through different artistic, sociological, and political manifestations. Emphasis will be given to historical events which have shaped modern Spanish culture for the purpose of oral and written discussion in Spanish.

**SPAN 310** *Introduction to Translation: Spanish-English* 3 hours  
 Prerequisite: SPAN 202 and ENGL 102  
 This course will provide an introductory comparison of linguistic traits of both languages, enable students to apply grammatical rules, perform textual analyses, and use a number of translation procedures while translating a variety of texts from Spanish to English: newspaper editorials, magazine articles, business reports, articles in the social sciences, advertisements etc.

**SPAN 320** *Cinema and Dramatic Literature* 3 hours  
 Prerequisite: SPAN 202  
 This course will use both film and dramatic literature to stimulate conversation in Spanish while fostering an in-depth knowledge of some of the dramatic masterpieces of Peninsular literature.

**SPAN 321** *Modern Spanish Literature* 3 hours  
 Prerequisite: SPAN 202  
 Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of modern Hispanic literature.

**SPAN 322** *Peninsular Literature* 3 hours  
 Prerequisite: SPAN 202  
 Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of modern Spanish Peninsular literature.

**SPAN 323** *Latin American Literature* 3 hours  
 Prerequisite: SPAN 202  
 Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of Latin American literature since pre-Columbian times.

**SPAN 324** *Christianity in Latin America* 3 hours  
 Prerequisite: 200-level English survey class  
 Features Christianity in Latin American Culture from an historical and literary perspective that will include indigenous religions, the Catholic Church, and the recent explosive growth of Protestantism. **(For Spanish majors and minors, this course may be taken for integrative credit only – not for the purpose of fulfilling core requirements within the major or minor).**  
*Class conducted in English.*

**SPAN 325** *Modern Spanish Short Stories* 3 hours  
 Prerequisite: SPAN 202  
 Through lectures, oral presentations and discussion in Spanish, this course will provide an overview of Spanish short stories from the mid-nineteenth century to the present, for the purpose of equipping students with some of the values and knowledge necessary to impact the Spanish-speaking world.

**SPAN 330** *Introduction to Hispanic Linguistics* 3 hours  
 Prerequisite: SPAN 202  
 This course serves as an introduction to phonetics, phonology, morphology and syntax as applied to Spanish, and includes a study

of the history of the language in its development from Latin into modern dialects. This course is conducted entirely in Spanish and is required for Spanish Teacher Licensure.

**SPAN 403** *Second Language Acquisition* 3 hours  
 Prerequisite: SPAN 101 (or the equivalent) and either LING 213 or SPAN 330

A study of strategies for second-language acquisition and assessment. An historical approach to perspectives on second language-acquisition and proficiency.

**SPAN 410** *Advanced Translation* 3 hours  
 Prerequisite: SPAN 301, 310

This course will require students to examine more advanced modern translation theory and perform translation, primarily from Spanish to English, in various technical fields such as: sport, business, medicine, psychiatry, marketing, fashion, law, current affairs and political journalism.

**SPAN 419** *Methodology and Curriculum in Teaching Modern Languages* 2 hours

Prerequisites: Admission to Educator Preparation Program, SPAN 403, and 6 hours of an accredited modern foreign language course, junior/senior status. Must be taken before student teaching. May not be counted toward the Modern Language Major.

The application and assessment of basic methodologies, curriculum, and activities for teaching second languages. Practicum: At least 20 hours of reflective classroom observation of pre K-12 and the teaching of two to three consecutive lessons. This is a capstone course.

**SPAN/ 420** *Methods Teaching Practicum* 1 hour  
**TESL**

Prerequisite: To be taken concurrently with TESL/SPAN 419  
 At least 20 hours of reflective classroom observation of pre K-12 and the teaching of two to three consecutive lessons.

**SPAN 421** *Masterpieces of Spanish Literature* 3 hours  
 Prerequisite: Any 300-level Spanish course except SPAN 324  
 Selected masterpieces of Spanish literature to be studied in depth.

**SPAN 450** *Senior Seminar: Comparison Between Spanish and Latin American Literature* 3 hours

Prerequisite: Senior status; SPAN literature course, and SPAN civilization and culture course

In this capstone course, students will study works of Peninsular and Latin American literature for the purpose of discussing orally and in writing the culture and civilization in which they developed.

**SPAN 495** *Directed Research* 1 to 3 hours  
**SPAN 497** *Special Topics in Spanish* 1 to 3 hours  
**SPAN 499** *Internship* 1 to 6 hours

Prerequisites: Junior or Senior status and required GPA  
 Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### STRATEGIC COMMUNICATION

**STCO 307** *Strategic Communication* 3 hours  
 Examines the principles and practices of impacting markets through Strategic Communications. Special emphasis is given to team problem-solving. (Formerly COMS 307)

**STCO 346** *Persuasive Advertising & Storytelling* 3 hours  
 Prerequisite: Junior/Senior Status

This course focuses on the communication principles and communication strategies that augment growing the image of an organization, its products and services. Emphasizes the persuasive application of story-telling and narrative communication techniques. (Formerly COMS 346)

**STCO 348 Strategic Social Media** 3 hours

This course connects students to organizational growth objectives with social media strategy, platforms and tactics. Extensive focus is given to, interactive sessions, and team problem-solving exercises.

**STCO 356 Digital/Social/Mobile Marketing** 3 hours

Prerequisite: Junior/Senior Status

This course explores the successful design, development and execution of targeted marketing campaigns for news, information and entertainment. Special emphasis is given to team problem-solving. (Formerly COMS 356)

**STCO 357 Public Relations and Promotion Tactics** 3 hours

Prerequisite: Junior/Senior Status

This course provides students with a broad understanding of and ability to apply promotional and public relations techniques in a digitally mediated world. Emphasis is on experiential application of specific techniques across multiple media and channels. (Formerly COMS 357)

**STCO 367 Best Practices: Strategic Communications Management** 3 hours

Prerequisite: Junior/Senior Status

This course is designed to give students hands-on experience in creating collaborative integrated marketing communication campaigns, guided by the lessons learned from organizations that have used strategic communications to drive growth. (Formerly COMS 367)

**STCO 372 Employee and Organizational Communication** 3 hours

This course in organizational public relations provides students with the strategic ability to communicate with the affiliated parts of an organization critical to successful relationships and image-making.

**STCO 422 Social Media Development** 3 hours

Through a mentor-driven approach, students gain experience in organizing, integrating and operating the school's social media channels. Their experiences are transferable to other organizations, both corporate and non-profit.

**STCO 426 Creating Affiliate Loyalty in a Digital Age** 3 hours

This course is designed to familiarize students with the principles of customer relationship strategies and the means by which organizations develop loyal customers and/or affiliates.

**STCO 460/ SCOM 460 Career Preparation** 3 hours

Prerequisite: Senior Standing Only

Students research and explore the types of Strategic Communications opportunities available to them upon graduation. This course emphasizes jump-starting careers by undertaking a professional job search and awareness of current job market conditions.

**STCO 462 Using the Social and Digital Future** 3 hours

This course will demystify the emerging social, digital and technology trends, and help students apply these trends in a dramatically changing marketplace.

**STCO 487 Agency/Field Projects** 1 to 3 hours

Students, individually or in groups, work in a variety of strategic communication roles with real-world organizations under the mentorship of faculty and other professionals. Organizations include corporate and non-profits.

**SCIENCE, TECHNOLOGY, ENGINEERING, MATH**

**STEM 101 Industrial Energy I** 3 hours

This course focuses on processes typically found in industrial facilities. Topics include industrial safety, mechanical technology,

hydraulics and pneumatics, pipes and pipefitting, lubrication and bearings, heat exchangers, electrical technology, instrumentation and control, and environmental awareness. Basic math and science foundations are covered as well. These include elemental math and physics topics such as motion, energy, fluid dynamics, simple machines, electricity, and magnetism.

**STEM 201 Industrial Energy II** 3 hours

Prerequisite: STEM 101

This course focuses on the processes and equipment used in the generation of electrical power. Topics include combined cycle powerplant fundamentals, heat recovery steam generators, plant water and steam systems, steam and gas turbines, electrical power generation. Basic math and science foundations are covered as well. These include elemental math; physics topics such as momentum, gravity, energy, motion, electricity and magnetism, heat, and thermodynamics; and chemistry fundamentals.

**TEACHING ENGLISH AS A SECOND LANGUAGE**

**TESL 333 Modern Grammar** 3 hours

Prerequisites: ENGL 101, ENGL 102 or MUSC 200; ENGL 201, 202, 215, 216, 221 or 222

A course emphasizing the nature, structure and modifications of the English language with emphasis upon traditional, structural, and generative-transformational grammars.

**TESL 403 Second Language Acquisition** 3 hours

Prerequisites: FREN/SPAN 101; LING 213

A study of strategies for second-language acquisition and assessment. An historical approach to perspectives on second language-acquisition and proficiency.

**TESL 405 Issues and Practices in TES/FL** 3 hours

Prerequisite: TESL 403

This is a course in classroom practices in Teaching English as a Second or Foreign Language, focusing on: assessment; error analysis; interlanguage; and teaching in the four language areas of speaking, listening, reading, and writing for a broad variety of TES/FL contexts, as well as on global context issues which inform these practices.

**TESL 419 Methodology and Curriculum in Teaching Modern Languages** 2 hours

Prerequisites: Admission to Educator Preparation Program, TESL 403, and 6 hours of an accredited modern foreign language course, junior/senior status. Must be taken before student teaching. May not be counted toward the Modern Language Major.

The application and assessment of basic methodologies, curriculum, and activities for teaching second languages. Practicum: At least 20 hours of reflective classroom observation of pre K-12 and the teaching of two to three consecutive lessons. This is a capstone course.

**TESL 420 Methods Teaching Practicum** 1 hour

Prerequisite: To be taken concurrently with TESL/SPAN 419

At least 20 hours of reflective classroom observation of pre K-12 and the teaching of two to three consecutive lessons.

**TESL 495 Directed Research** 3 hours

Prerequisite: Junior of Senior status

Students who qualify will pursue studies of a particular interest as approved and supervised by the instructor. Must apply semester prior to completing internship.

**TESL 497 Special Topics in TES/FL** 1 to 3 hours

**TESL 499 TES/FL Internship** 1 to 6 hours

Prerequisite: Junior or Senior status

Professorial-supervised experience in first-hand internship opportunities in Teaching English as a Second/Foreign Language. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.



**THEATRE ARTS****THEA 101 Theatre Appreciation** 3 hours

An introduction to the theatrical arts for the general student. The focus of the course is on theatre in our modern culture in light of its tradition in and contribution to Western civilization. The elements which compose the art of theatre will also be examined.

**THEA 200 Play Production I** 1 hour

Prerequisites: Audition or consent of the instructor

A theatre practicum focusing on managerial, performance, or technical aspects of major productions under the guidance of appropriate members of the Theatre Arts faculty. Students are required to take two THEA 200 sections for the major and/or minor. Five out of seven production credits must be in the student's chosen concentration.

**THEA 211 Foundations of Theatre History I** 3 hours

(Offered fall semester)

A historical survey of the development of drama from the Ancient Greeks through the 18th century, AD emphasizing classic works.

**THEA 212 Foundations of Theatre History II** 3 hours

(Offered spring semester)

A historical survey of the development of drama from the 18th century, AD through contemporary theatre emphasizing classic works.

**THEA 220 Acting I** 3 hours

A workshop in which the student builds a foundation of skills and applied concepts in acting.

**THEA 250 Voice for the Stage** 3 hours

A workshop in which the student studies and applies vocal technique peculiar to the theatrical stage.

**THEA 260 Introduction to Theatrical Design** 3 hours

(Offered fall semester)

An introductory study of costume, lighting, scenic and sound design techniques specific to the theatrical stage. This should be the first class a Production major student takes.

**THEA 299 Internship** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Practical application of knowledge under the supervision of a practicing theatre professional approved by the Chair of Theatre. Application procedures processed through the Career Center. Must apply semester prior to internship.

**THEA 300 Play Production II** 1 hour

Prerequisites: THEA 200, audition, or consent of the instructor

A theatre practicum focusing on managerial, performance, or technical aspects of major production under the guidance of the Chair of Theatre or appropriate members of the Theatre Arts faculty. Students are required to take two THEA 300 sections for the major. Five out of seven production credits must be in the student's chosen concentration.

**THEA 310 Acting II** 3 hours

Prerequisite: THEA 220

A workshop in which the student builds upon skills and concepts learned in THEA 220, and advances these concepts to the next level of application, prior to courses in more stylized acting.

**THEA 312 Script Analysis** 3 hours

(Offered fall semester)

Prerequisite: THEA 211 or 212

A study in basic critical analysis of a script as performance text as used by actors, stage managers, directors, and playwrights for production purposes.

**THEA 320 Directing** 3 hours

(Offered spring semester, odd-numbered years)

Prerequisites: THEA 211 or 212, 220, 310, 312, successful completion of Sophomore Hearing

A study of the various theories and methodologies of play direction.

**THEA 340 Makeup Design** 3 hours

(Offered fall semester, odd-numbered years)

Prerequisites: THEA 211, 212, 260, 312; successful completion of Sophomore hearing

A study of makeup design techniques peculiar to the stage.

**THEA 350 Writing for the Stage** 3 hours

(Offered fall semester)

Prerequisites: THEA 211 or 212

Tutorials and group workshops emphasizing the techniques of writing and rewriting for a stage performance, with the goal of developing a one-act play.

**THEA 352 Writing for Church Drama** 3 hours

(Offered spring semester, odd-numbered years)

Prerequisites: THEA 211 or 212, 312 or 350

A workshop of playwriting techniques and development of a one-act play meant for church performance.

**THEA 360 Costume Design** 3 hours

(Offered fall semester, even-numbered years)

Prerequisites: THEA 211, 212, 260, 312, successful completion of Sophomore Hearing

A study of costume design techniques peculiar to the stage.

**THEA 370 Scenic Design** 3 hours

(Offered spring semester, even-numbered years)

Prerequisites: THEA 211, 212, 260, 312; successful completion of Sophomore hearing

A study of scenic design techniques peculiar to the stage.

**THEA 380 Lighting Design** 3 hours

(Offered spring semester, odd-numbered years)

Prerequisites: THEA 211, 212, 260, 312, successful completion of Sophomore Hearing

A study of lighting design techniques peculiar to the stage.

**THEA 390 Stage Accents** 3 hours

(Offered fall semester)

Prerequisites: THEA 220, 250, 310, successful completion of Sophomore Hearing

A workshop in which the student builds upon vocal techniques studied in THEA 250 by adding the study of various accents and dialects most commonly performed on the stage.

**THEA 400 Play Production III** 1 hour

Prerequisites: THEA 200, 300; audition or consent of the instructor

A theatre practicum focusing on managerial, performance, or technical aspects of major productions under the guidance of the Chair of Theater or appropriate members of the Theatre Arts faculty. Students are required to take three THEA 400 sections for the major. Five out of seven production credits must be in the student's chosen concentration.

**THEA 410 Drama in the Church: History and Practice** 3 hours

(Offered spring semester)

The student learns of the conception of theatre, its relationship to the church, and how to make theatre applicable to today's church, specifically through craft and management skills. This chronological survey of theatre covers drama from the Greeks to the present.

**THEA 411 Stage and Theater Management** 3 hours

(Offered spring semester, even-numbered years)

Prerequisites: THEA 211, 212, 220, 260, 312, successful completion of Sophomore Hearing

A study of management techniques peculiar to the stage.

- THEA 420 *Acting III*** 3 hours  
(Offered spring semester)  
Prerequisites: THEA 212, 220, 310, successful completion of Sophomore Hearing  
A workshop in which the student builds upon skills and concepts learned in THEA 220 and THEA 310, and advances these concepts to the next level of application.
- THEA 422 *Classical Acting*** 3 hours  
(Offered spring semester, odd-numbered years)  
Prerequisites: THEA 211, 220, 250, 310, successful completion of Sophomore Hearing  
A study of the major classical tragedies and comedies which emphasize the historical development of production and performance concepts.
- THEA 440 *Stage Movement*** 3 hours  
(Offered fall semester)  
Prerequisites: THEA 220, 310, successful completion of Sophomore Hearing  
An advanced acting workshop concentrating on the actor's physical expression to create a character, diagnose the actor's patterns of tension, and apply principles of stylized movement.
- THEA 450 *Musical Theatre Performance*** 3 hours  
(Offered fall semester)  
Prerequisites: THEA 211 or 212, 220, 250, 310, successful completion of Sophomore Hearing  
The history, development, and performance of musical theatre as an art form from the late 19th century to the present.
- THEA 460 *Advanced Musical Theatre Performance*** 3 hours  
(Offered spring semester, even-numbered years)  
Prerequisites: THEA 211 or 212, 220, 250, 310, 420, 450, successful completion of Sophomore Hearing  
An advanced acting workshop for musical theater acting techniques peculiar to this genre. THEA 460 is a continuation of the techniques and skills gained in THEA 450.
- THEA 490 *Senior Project*** 3 hours  
(Offered spring semester)  
Prerequisites: Consent of Chair of Theatre, must be last spring semester of study, successful completion of Sophomore Hearing  
THEA 490 is a theater practicum focusing on production or performance skills mastered within the student's individual concentration (Performance or Production) under the guidance of the Chair of Theatre or appropriate members of the Theatre Arts faculty. A student is required to take THEA 490 the last spring semester of his/her study as culmination of his/her theatre education and training.
- THEA 495 *Directed Research*** 1 to 3 hours  
(Offered on demand)
- THEA 497 *Special Topics in Theatre*** 3 hours  
Prerequisites: Permission of Instructor  
A seminar course focusing on a subject not covered extensively in other Theatre Arts courses. Topics will vary.
- THEA 499 *Theatre Internship*** 3 to 9 hours  
Prerequisites: THEA 200, 211 or 212; successful completion of Sophomore Hearing; Junior or Senior status and required GPA  
Practical application of knowledge under the supervision of a practicing theatre professional approved by the Chair of Theatre. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

## THEOLOGY

- THEO 201 *Theology Survey I*** 3 hours  
This is a general survey of Bible doctrine designed to synthesize and outline each of ten major areas of systematic

theology, including prolegomena, bibliography, theology proper, Christology, angelology, and pneumatology.

- THEO 202 *Theology Survey II*** 3 hours  
This is a continuation of general survey of Bible doctrine designed to synthesize and outline each of the ten major areas of systematic theology. Survey II includes anthropology, hamartiology, soteriology, ecclesiology and eschatology.

- THEO 311 *Revelation, Authority and Reason*** 3 hours  
This course is designed to acquaint the student with fundamental issues in theological prolegomena, i.e., introductory questions concerning the Word as revealed in apologetics, hermeneutics and dogmatics, and the sources of authority (the Bible, the Church, the World, etc.).

- THEO 313 *The Person and Work of Christ*** 3 hours  
A study of the Person and work of Christ as revealed through Messianic prophecy, the Incarnation and His ministry as Prophet, Priest, and King. Special attention is given to the contributions of John and Paul to a full understanding of this doctrine.

- THEO 324 *A Theology of Suffering and Disability*** 3 hours  
Prerequisites: BIBL 105, 110; ENGL 101, 102; THEO 201, 202

This course explores the theological understanding of the image of God, the problem of evil, as well as suffering as it relates to a biblical understanding of physical and mental disability. Students will incorporate this understanding into a theology of inclusion for the Church and Christian Ministry. Thus, the student will be equipped to evaluate various methods and strategies for disability ministry.

- THEO 340 *Theology and Politics*** 3 hours

This course is designed to relate Christian thought to societal ethics and responsibility through the auspices of important theological mentors and movements. The relation between the church and state will also be studied in scripture, as well as in church history. Specific ethical issues of ecclesiastical and societal concerns (abortion, capital punishment, nuclear war, etc.) will be addressed.

- THEO 350 *Fundamental Theological Issues*** 3 hours  
Prerequisites: THEO 201 and 202

A study of the major theological questions which arise in the defense of biblical inerrancy, scriptural separation, creationism and dispensationalism. It also deals with such contemporary issues as the charismatic movement, feminism, situation ethics and other vital concerns to the fundamentalist in today's world. (Formerly THEO 250)

- THEO 412 *The Church: Its Mission and Hope*** 3 hours

An examination of the New Testament Church with particular concern given to its origin, its distinctive nature, its mission, its function, its government, its offices, its ordinances and its destiny.

- THEO 430 *Modern and Contemporary Theology*** 3 hours

This course will analyze and interpret the theology of major thinkers in the 19th and 20th centuries. In light of past enlightenment trends in Western religious thought, study will be done of the background of such theological trends both for understanding and critical assessment. Representatives of classical liberalism, neo-orthodoxy, existentialism and post-existential schools will be stressed.

- THEO 450/ *Middle East Conflict in Biblical*** 3 hours

- GOVT 450 *Perspective***

Prerequisite: BIBL 105 and BIBL 110

This course traces the causes, development, consequences and outcome of the Middle East conflict from a biblical and Christian Zionist perspective. The relevant historical and biblical texts will be examined with respect to Israel's conflict with the nation's past, present and future and the contemporary interpretation of the conflict within Christianity.

- THEO 495 *Directed Research*** 1 to 3 hours

**UNIVERSITY CORE COMPETENCIES****UNIV 101 University Core Competencies** 1 hour

University 101 provides students with an introduction to Liberty University and to the academic core competencies that students attain by the point of graduation. Students receive practices in the various competencies and skills necessary to succeed in the University and beyond. NOTE: Requirement is waived for students transferring in 60 or more hours.

**WELDING****WELD 101 Foundations of Welding** 4 hours  
Co/Prerequisite: CRFT 101

Foundations of Welding is a practical course combining lecture and hands-on instruction. Topics addressed include: Welding Safety, Oxyfuel Cutting, Plasma Arc Cutting, Air Carbon Arc Cutting and Gouging, Base Metal Preparation, Weld Quality, SMAW – Equipment and Setup, Shielded Metal Arc Electrodes, SMAW – Beads and Fillet Welds, Joint Fit-Up and Alignment, SMAW – Groove Welds with Backing, and SMAW – Open V-Groove Welds.

**WELD 201 Intermediate Welding** 4 hours  
Prerequisite: WELD 101

Intermediate Welding is a practical course combining lecture and hands-on instruction. Topics addressed include: Welding Symbols, Reading Welding Detail Drawings, Physical Characteristics and Mechanical Properties of Metals, Preheating and Postheating of Metals, GMAW and FCAW – Equipment and Filler Metals, GMAW and FCAW – Plate, GTAW – Equipment and Filler Materials, and GTAW Plate.

**WELD 301 Advanced Welding** 4 hours  
Prerequisite: WELD 201

Advanced Welding is a practical course combining lecture and hands-on instruction. Topics addressed include techniques with: SMAW – Open-Root Pipe Welds, GMAW – Pipe, FCAW – Pipe, GTAW – Carbon Steel Pipe, GTAW – Low Alloy and Stainless Pipe, and SMAW: Stainless Steel Groove Welds.

**WELD 401 Special Topics in Welding** 4 hours  
Prerequisite: WELD 301

Special Topics in Welding is a practical course combining lecture and hands-on instruction. Topics addressed include techniques with: GMAW – Aluminum Plate, GTAW – Aluminum Plate, GTAW – Aluminum Pipe, GMAW – Aluminum Pipe.

**WOMEN'S LEADERSHIP****WLED 220 / Survey of Women's Ministries** 3 hours  
**WMIN 220**

A survey of women's ministries from a complementarian perspective, including an overview of secular feminism, and a survey of women's roles in the home, in the church, and in society.

**WLED 320 / The Christian Woman** 3 hours  
**WMIN 320**

Prerequisite: WLED 220

A study of God's Word as it specifically relates to women today and God's plan and purposes for them in every sphere of life as women, wives, homemakers, and mothers.

**WLED 330 / The Role of Christian Women in Ministry** 3 hours  
**WMIN 330**

Prerequisite: WLED 220

A biblical perspective on the place of women in ministry. Emphasis is placed upon theological aspects, ministry positions available, and exposure to women who are in ministry.

**WLED 387 / Methods of Teaching the Bible and Religion for Women** 3 hours

A study of the laws of teaching and learning as they apply to women in various situations in which the student has an opportunity to observe and apply the principles and art of effective teaching.

**WLED 410 / Leadership Development and Strategies for Women in Ministry** 3 hours

Prerequisite: WLED 220

A study of the skills necessary to be an effective leader to women with emphasis on strategies to evangelize and disciple women in the local church and parachurch.

**WOMEN'S MINISTRIES****WMIN 220 Survey of Women's Ministries** 3 hours

A survey of women's ministries from a complementarian perspective, including an overview of secular feminism, and a survey of women's roles in the home, in the church, and in society. (Formerly CHMN 220)

**WMIN 320 The Christian Woman** 3 hours  
Prerequisite: WMIN 220

A study of God's Word as it specifically relates to women today and God's plan and purposes for them in every sphere of life as women, wives, homemakers, and mothers. (Formerly CHMN 320)

**WMIN 330 The Role of Christian Women in Ministry** 3 hours  
Prerequisite: WMIN 220

A biblical perspective on the place of women in ministry. Emphasis is placed upon theological aspects, ministry positions available, and exposure to women who are in ministry. (Formerly CHMN 330)

**WMIN 387 Methods of Teaching the Bible and Religion for Women** 3 hours

A study of the laws of teaching and learning as they apply to women in various situations in which the student has an opportunity to observe and apply the principles and art of effective teaching. (Formerly CHMN 387)

**WMIN 410 Leadership Development and Strategies for Women in Ministry** 3 hours

Prerequisite: WMIN 220

A study of the skills necessary to be an effective leader to women with emphasis on strategies to evangelize and disciple women in the local church and parachurch.

**WMIN 499 / Women's Ministries Internship** 3 hours  
**WLED 499**

Prerequisites: Junior status; 21 hours in the major including CHMN 447 and WMIN 387

A supervised field experience designed for women preparing for a position in the field of women's ministries such as women's ministry director, women's ministry coordinator in a local church or a women's director in a parachurch organization. This internship will focus on the organization, teaching, and leadership components of women's ministry. The site must be approved by the Director of Women's Ministries. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**YOUTH MINISTRIES****YOUT 201 Survey of Youth Ministries** 3 hours

A study of biblical principles in establishing and maintaining a ministry to adolescents. Emphasis is placed upon a system of philosophy and general principles for adolescent ministry. Special attention is given to developing a youth ministry mission statement, objectives and strategy.

**YOUT 220 *Global Youth Culture*** 3 hours

This course will begin by exploring the cultural practices, behavioral norms, and core values of youth in North America and will expand to global youth culture. It will examine methods for effective ethnographic studies of youth in their host culture and identify areas that create barriers to effective intercultural communication and ministry. Special attention will be given to the anthropological and social issues critical to engaging global adolescents within the context of their culture.

**YOUT 299 *Internship*** 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Supervised field experience at an approved site. Application procedures processed through the Career Center. Must apply semester prior to internship.

**YOUT 301 *Foundations of Youth Ministry*** 3 hours

Prerequisite: YOUT 201

An investigation of specific elements that are building blocks for the biblical education of adolescents. Foundational issues, principles of teaching and curriculum development will be studied.

**YOUT 310 *Strategies for Student Outreach*** 3 hours

Prerequisite: YOUT 201, 220 (Student may see professor for prerequisite override)

A study of various strategies in building bridges to the local adolescent community in order to effectively communicate the gospel of Jesus Christ. Special attention will be given to the role of the local church in training its own adolescents to reach their peers, creating a culture of outreach within the church, and having each student develop an effective outreach strategy.

**YOUT 340 *Current Issues in Youth Ministry*** 3 hours

Prerequisites: YOUT 201, 301

This course will take a comprehensive examination of contemporary issues related to Youth Ministry. Areas of emphasis will include adolescent behavioral issues, ministerial models and trends that are being practiced among youth ministries, vocational issues among youth ministers/workers, and technological issues that will enhance youth ministry.

**YOUT 350 *Campus Ministry*** 3 hours

Prerequisites: YOUT 201, 301

A study of the history and strategy of reaching youth through the campus structure. Attention is given to the basic workings of the campus social system and the methods used in reaching it with the gospel. (Formerly YOUT 403)

**YOUT 360/ *Camping Ministry*** 3 hours

**ALOM 360**

Prerequisites: YOUT 201, 301

This course will investigate specific elements and issues that are building blocks for camping ministry. Such elements and issues will include starting a camp, programming, recreation, staffing, budgeting, legal issues, promotional methods, camp counseling, camping options and management principles will be addressed. The course will include a full day of on-site training in order to get a hands-on look and feel of the significant ministry of camping.

**YOUT 370/ *Managing the Christian Organization*** 3 hours  
**ALOM 370**

Prerequisites: YOUT 201, 301

This course will take a comprehensive examination of critical areas for the individual who gives or is considering leadership in a Christian youth organization. An exposition of biblical passages supporting the establishment and function of Christian youth organizations and their supportive relationship to the local church will be presented. After which, pragmatic applications to effectively direct/ manage a Christian youth organization will be examined.

**YOUT 380 *Ministering to Adolescents in Crisis*** 3 hours

Prerequisites: YOUT 201, 220

An examination of both contemporary and re-occurring generational behaviors confronting today's youth that have escalated to crises. These issues are relevant to adolescents both physically, emotionally, socially, and spiritually. The problem-solving technique of case studies will be juxtaposed with the safety and well-being of the teenager, as well as an emphasis on biblical applications to these problems.

**YOUT 448 *Contemporary Youth Communication*** 3 hours

Prerequisites: YOUT 201, 301, 350; BIBL 350

A study focusing on communicating biblical and spiritual truths to the youth culture. The course equips the student with the specific knowledge, skills, and practice necessary to prepare and deliver effective oral communications.

**YOUT 460 *Programs for Youth Ministry*** 3 hours

Prerequisites: YOUT 201, 301, 350, 447, 448; PLED 350

A study of the planning and implementation of the ministry vehicle. Specific programming aspects of the large meeting, small group meeting, activities, camping and missions projects will be examined. Attention will be given to annual calendar planning and organization skills.

**YOUT 495 *Directed Research*** 1 to 3 hours

**YOUT 497 *Special Topics in Youth Ministry*** 1 to 3 hours

**YOUT 499 *Youth Ministry Internship*** 3 hours

Prerequisites: Junior status, 21 hours in the major, including CHMN 447 and YOUT 448

This internship will focus on both the programming and leadership aspects of youth ministry. It will be a supervised field experience at an approved site. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

## *Courses of Instruction – Online Programs*

**PLEASE NOTE:** *It is the student's responsibility to make up any prerequisite deficiencies, as stated in this Catalog, which would prevent the successful completion of any course.*

**NOTE:** Some courses may have additional fees. For a list of course fees please refer to <http://www.liberty.edu/registrar>

### ACCOUNTING

**ACCT 211** *Principles of Accounting I* 3 hours

A study of basic transactions, general ledger accounts, books of original entry, closing and adjusting entry processes, trial balances, financial statements, accounting for assets, liabilities, sole proprietorship, equity, revenues, and expenses.

**ACCT 212** *Principles of Accounting II* 3 hours

Prerequisite: ACCT 211

A study of the fundamentals of accounting with a financial accounting emphasis on the corporate form of business including such topics as bonds, capital stock, retained earnings, statement of cash flows and financial statement analysis; and a managerial accounting perspective including topics related to global business, cost accounting measurement systems, cost-volume-profit analysis, managerial decision-making concepts, operational budgeting, standard cost systems and capital budgeting.

**ACCT 301** *Intermediate Accounting I* 3 hours

Prerequisite: ACCT 212

This is an intensive course in accounting theory and practice. The course attempts to strike a balance between procedural explanations of currently applied accounting practices and the theoretical framework upon which those practices are based. Alternatives to current practice are also introduced.

**ACCT 302** *Intermediate Accounting II* 3 hours

Prerequisite: ACCT 301

This is an intensive course in accounting theory and practice dealing with liabilities, stockholders equity, and financial reporting issues. The course attempts to strike a balance between procedural explanations of currently applied accounting practices and the theoretical framework upon which those practices are based.

**ACCT 311** *Cost Accounting I* 3 hours

Prerequisite: ACCT 212

A study of the principles and procedures used in the collection, recording and reporting of costs. Balance Sheet inventory valuation and the related Income Statement cost of goods sold valuation, determined using both job order costing and process costing, are emphasized. Activity-based costing is covered in depth. Traditional cost accounting is the main content of this course.

**ACCT 332** *Accounting Information Systems* 3 hours

Prerequisite: ACCT 301

This course provides a basic knowledge of how accounting information systems function in today's business environment. It emphasizes the internal control feature necessary to produce accurate and reliable accounting data as it looks at how accounting information is recorded, summarized and reported in both manual and computerized systems. The following topics are covered in this course: systems concepts, tools, development processes, analysis; design; implementation and operation; computer software and configurations; data storage and processing methods; file processing; implementing data base management systems; internal control; information system control; data security and integrity; accounting transaction cycles; revenue cycle applications; and expenditure cycle applications.

**ACCT 340** *Accounting Ethics* 3 hours

Prerequisite: ACCT 212

This course provides an analysis of ethical standards in the accounting profession. Major ethics paradigms are examined and contrasted with a Christian worldview of ethics. The course

includes an in-depth examination of the AICPA Code of Professional Conduct and other ethical standards in the accounting profession. The course also presents an ethical decision-making model for the accounting profession

**ACCT 370** *Financial Statement Analysis* 3 hours

Prerequisite: BUSI 320

This course examines the fundamental techniques of financial statement analysis and their application to strategic planning and decision-making. The course covers the analysis and interpretation of financial information including the balance sheet, income statement, and statement of cash flows.

**ACCT 401** *Taxation I* 3 hours

Prerequisite: ACCT 212

A study of the legal and accounting aspects of federal taxation with an emphasis on individuals and unincorporated businesses.

**ACCT 402** *Advanced Accounting* 3 hours

Prerequisite: ACCT 302

This is an intensive course in accounting theory and practice regarding partnerships, business combinations and consolidated financial statements. The course attempts to strike a balance between procedural explanations of currently applied accounting practices and the theoretical framework upon which those practices are based. Alternatives to current practice are also discussed.

**ACCT 403** *Governmental and Not-for-Profit Accounting* 3 hours

Prerequisite: ACCT 402

Advanced problems involving government and non-profit organizations, estates and trusts, financially distressed entities, translation and consolidation of foreign entities and segment reporting.

**ACCT 404** *Auditing* 3 hours

Prerequisite: ACCT 302

A study of auditing standards and related auditing procedures. Topics include: evaluation of internal control and preparation of the audit program; examination of financial statements and preparation of working papers; and auditors' reports and opinions.

**ACCT 412** *Taxation II* 3 hours

Prerequisite: ACCT 401

The second course in a two-course sequence dealing with corporate income taxes, taxes on corporate distributions, other corporate tax levies; partnership information, operation and special issues; "S" corporations, gift and estate taxes; the income taxation of trusts and estates; and IRS administrative procedures.

**ACCT 432** *IT Audit* 3 hours

Prerequisites: ACCT 332, 404

This course provides the theory and application of auditing through the use of information systems. Topics include: authoritative information technology control frameworks; computer security; continuous auditing; and audit approaches to new and emerging technologies.

**ACCT 441** *Capstone: Accounting – Ethics, Theory, and Practice* 3 hours

Prerequisite: ACCT 404

The capstone course integrates accounting ethics, theory, practice, and research. In this course, students examine ethical issues in relation to accounting ethics rules and regulations, ethical theories, and from the perspective of a Christian worldview. In addition, students evaluate contemporary financial reporting issues in light of

existing and proposed accounting standards and the conceptual framework. This course has a major research and group component. (Formerly ACCT 441)

**ACCT 499 Internships** 1 to 6 hours  
Prerequisites: Junior or Senior standing; required GPA.

Directed applicable work experience under supervision of the Director of Business Internships and an accounting or business professional at the place of employment. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### ADMINISTRATIVE MEDICAL OFFICE ASSISTANT

**AMOA 203 Medical Office Systems and Procedures** 3 hours

This course prepares students for the administrative tasks relevant to operating and supervising a medical office of health professionals. Students learn to plan and organize work load, set priorities, develop initiative among employees and coordinate multiple tasks within a time sensitive environment. The value of compassionate professionalism when interacting with patients, family members and staff is stressed.

**AMOA 204 Medical Office Insurance** 3 hours

This course acquaints students with billing protocol concerning the various insurance filing demands of commercial group insurance, Medicare, Medicaid, Workman’s compensation claims and other third party billing entities.

**AMOA 206 Medical Office Billing and Bookkeeping** 3 hours

This course provides students with up-to-date information regarding best practices of patient billing and bookkeeping for a medical office.

**AMOA 207 Medical Office Coding** 3 hours

This course trains students in medical procedural and diagnostic coding skills. Emphasis is placed upon the utilization of coding manuals for insurance claim processing.

**AMOA 254 Medical Office Infection Control** 3 hours

This course educates the student regarding the seriousness of infection control within the medical office and the role the Medical Office Assistant plays in compliance.

**AMOA 256 Medical Office Ethics and Law** 3 hours

The student is educated about the general ethical and legal aspects in medicine with an emphasis upon confidentiality, HIPAA, risk management, licensing, contracts and professional liability.

### APOLOGETICS

**APOL 104 Contemporary Worldviews** 3 hours

This is a study in the development and application of the Biblical/Christian Worldview. This course will include an introduction and application of critical thinking skills, as well as a study of religious and philosophical worldviews, the nature of tolerance and basic apologetic methodology.

### STUDIO AND DIGITAL ARTS

**ARTS 105 Art Appreciation** 3 hours

The development of a satisfying discourse between the student and the work of art, employing a selective survey of major achievements and movements in the visual art of western civilization.

**ARTS 222 Introduction to Graphic Design** 3 hours

An introduction to graphic design as a tool for visual communication. Graphic design skills and topics including a brief history of typography and printing; page layout design principles, the design process, page layout and image manipulation software, visual hierarchy, and critique will be explored in this course. Students will use the acquired skills to create basic graphic design materials for a variety of uses. (Formerly “Desktop Publishing”)

**ARTS 342 Digital Imaging** 3 hours

Prerequisites: ARTS 222

Creating multiple digital images through a varied methodology. Preparing digitized art for electronic media and the printed page through electronic pre-press techniques. Training in a professional image-editing application. May be taken twice for credit. (Formerly ARTS 351)

**ARTS 473 Introduction to 3D Graphics** 3 hours

Prerequisite: ARTS 222, 342

An introduction to 2D and 3D design concepts and terminology. Practical experience in the design and evaluation of 2D/3D still and motion graphics. Students gain practical experience by storyboarding, designing, animating, and rendering 2D/3D graphic objects, and Animations. Training in industry standard 3D graphics programs guided by principles of design. May be taken twice for credit. (Formerly "2D/3D Graphics and Animation")

**ARTS 474 Interactive Game Development** 3 hours

Prerequisite: ARTS 473

The development of arcade, scrollers and strategy games. Familiarity with several typical game development tools that do not require programming and issues such as player controls, sounds, music, and basic animations will be covered. May be taken twice for credit.

**ARTS 477 Interactive Design I** 3 hours

Prerequisite: ARTS 222, 342

Study of both visual media design concepts and site management for web development. Developing web applications in HTML and CSS to build websites for multiple platforms with emphasis on accessibility for all users. Practical experience in authoring web technology while developing standards to evaluate the presentation of information with these tools. Creating and developing for the web through the principles of graphic design, user experience, and user interface design. May be taken twice for credit. (Formerly ARTS 472)

### AVIATION

**AVIA 300 Aviation Safety** 3 hours

Prerequisite: AVIA 325 (Commercial License)

This course provides the student with a detailed introduction into aspects of aviation safety, risk management, and the associated components of pilot psychology, human factors and accident trends, factors and analysis.

**AVIA 305 Airplane Aerodynamics** 3 hours

Prerequisite: AVIA 325 (Commercial License)

This course will provide the student a study of the physical principles of airplane aerodynamics, thereby fostering an appreciation of the factors affecting aircraft performance, stability and control, and special flight conditions often experienced by commercial pilots of the fixed-wing aircraft.

**AVIA 340 Aviation Weather** 3 hours

Prerequisite: AVIA 325 (Commercial License)

This course is a study of weather hazards, meteorological flight planning, aviation weather equipment and human factors as related to flight safety in all weather conditions.

**AVIA 360 Corporate and Business Aviation** 3 hours

Prerequisite: AVIA 325 (Commercial License)

This course is designed to introduce aviation students with the operations of a corporate flight department. They will understand the value of management mobility which requires specific operations other than commercial airline options. The student will learn how to evaluate aircraft and equipment requirements, maintenance demands and logistical difficulties, flight operations specific to this unique environment, administration requirements for smooth and efficient operations, as well as the fiscal considerations which will impact the business profits.

**AVIA 400 Aerospace Law, Human Factors and Crew Resource Management** 3 hours

Prerequisite: AVIA 325 (Commercial License)

This course is divided into three parts. The first will cover the scope of all regulations concerning aviation and how they impact the pilot. The second part will provide the basic understanding of the human factors concepts including psychological and physiological limitations of humans operating in complex environments. The third part will provide an in-depth study of Crew Resource Management, which involves having a complete understanding of the flight deck environment and the proper utilization of all resources available to an aviator.

**AVIA 430 Multi-Engine Theory and Advanced Aircraft Systems** 3 hours

Prerequisite: AVIA 325 (Commercial License)

This course covers the operations necessary to operate twin-engine aircraft. Normal and abnormal procedures are included along with a discussion of the systems and aerodynamics normally associated with these aircraft. Regulations for commercial pilots are included.

**AVIA 451 Aviation Maintenance Operations** 3 hours

Prerequisite: The student must have FAA maintenance certification in at least Airframe or Powerplant

A study of aviation maintenance-specific topics which face those in maintenance leadership positions. These topics include, but are not limited to, the need for maintenance; development of maintenance programs; technical planning, control, and training; and differing types of maintenance operations.

**AVIA 455 Turbine Engines and Jet Transports** 3 hours

Prerequisite: AVIA 325 (Commercial License)

This course will be an intensive study of the turbine engine theory, design and operations. The student will also receive a broad knowledge of all commercial airline types and will acquire a more in-depth understanding of the Boeing 737 Aircraft.

**AVIATION MAINTENANCE TECHNICIAN****AVMN/AVMT 100 Aircraft Sciences I** 3 hours

Co-requisites: AVMT 102, 104, 106

This course will provide the student with a review of the fundamental operations in arithmetic as they are applied routinely in aircraft maintenance, including fractions, decimals, ratio, geometry, basic trigonometric functions, formulae, and proportions. Basic concepts of aviation applied physics will be presented, including: aerodynamic laws, theory of flight, fluid, heat, power, work, simple machines, and sound. The student will also learn aircraft weight and balance procedures, center of gravity computations, and how to identify and rectify adverse loading conditions.

**AVMN/AVMT 102 Aircraft Sciences II** 3 hours

Co-requisites: AVMT 100, 104, 106

This course is designed to introduce the student to direct and alternating current electricity, electrical circuit design, measuring devices, transformers, magnetism, electromagnetism, electronic devices and applications; with emphasis on basic laws relating to voltage, current, resistance, inductance, and capacitance. The student will also learn how to read and interpret electrical diagrams and to inspect and service aircraft batteries. This course will also give the student an understanding of aircraft drawings, symbols, and schematic diagrams commonly used in aircraft maintenance and illustrated parts manuals; the knowledge and ability to create drawings and sketches of repairs or alterations, and the ability to interpret blueprints, graphs, and charts.

**AVMN/AVMT 104 Maintenance Practices I** 3 hours

Co-requisites: AVMT 100, 102, 106

This course is designed to develop the student's skills in the proper use of basic aircraft mechanic's hand tools and measuring devices, aircraft hardware, safety methods, and materials used in aircraft maintenance and repair. Various methods of nondestructive testing will be learned and applied to practical situations, including liquid penetrant, magnetic particle, eddy current, ultrasound and radiography. The student will understand the privileges, limitations, and regulations provided by the FAA Code of Federal Regulations pertinent to aircraft maintenance technicians. Emphasis will be placed on the selection and use of FAA and manufacturers' aircraft maintenance specifications, data sheets, manuals, and publications; as well as proper logbook and maintenance entries and record keeping.

**AVMN/AVMT 106 Maintenance Practices II** 3 hours

Co-requisites: AVMT 100, 102, 104

This course will instruct the student in aircraft cleaning; corrosion identification, treatment, removal, and control practices. The student will learn how to fabricate and install flexible and rigid fluid lines and fittings. The student will also understand proper procedures for safely securing, moving, fueling, starting, servicing, and taxiing aircraft.

**AVMN/AVMT 200 Airframe Auxiliary Systems** 3 hours

Co-requisites: AVMT 202, 204, 206, 208, 210

This course will provide the student an understanding of operating principles and basic maintenance techniques for airframe auxiliary systems and their components, including: cabin atmosphere control, communication and navigation, instruments, static and pitot, fire detection and extinguishing, smoke and carbon monoxide detection, ice and rain control, speed and configuration, anti-skid brakes, as well as position and warning. The student will also learn the operations and maintenance of aircraft fuel systems and components, including fluid quantity indicating systems, fluid pressure and temperature warning systems, fuel dump systems, transfer and defueling, and pressure fueling systems.

**AVMN/AVMT 202 Aircraft Electrical Systems** 3 hours

Co-requisites: AVMT 200, 204, 206, 208, 210

This course is designed to provide the student with an advanced study of AC and DC electrical systems, electrical power generation and control; to include alternators, generators, motors, relays, switches, wiring installations, load analyses, and aircraft batteries. The student will gain principle knowledge and skills to inspect, check, service, and troubleshoot airframe electrical components.

**AVMN/AVMT 204 Airframe Structures I** 3 hours

Co-requisites: AVMT 200, 202, 206, 208, 210

This course will instruct the student in the basic construction and properties of materials typically used in aircraft applications, with emphasis on aluminum sheet metal applications and their manufacture, repair, and inspection. Student projects will focus on sheet metal lay-out, cutting, forming, bending and riveting, using solid and blind rivets, as well as identifying and using specialty fasteners.

**AVMN/AVMT 206 Airframe Structures II** 3 hours

Co-requisites: AVMT 200, 202, 204, 208, 210

In this course the student will learn the design, application, fabrication, repair, finishing, and safety practices relating to composite, laminated, honeycomb, bonded, plastic, wood and fabric materials found in structural applications on aircraft, including windows, doors, and interior panels and furnishings. The student will also gain understanding and skills in various welding methods, procedures, and techniques as applied to aircraft manufacturing and repair. Oxygen/acetylene, shielded metal arc, gas metal arc welding, soldering and brazing processes will be studied.

**AVMN/AVMT 208**     *Airframe Assembly and Inspection*     3 hours

Co-requisites: AVMT 200, 202, 204, 206, 210

This course will instruct the student in aircraft covering materials, construction, inspection, and repairs using natural and synthetic fabrics. The student will understand the identification, inspection, and application of finishing materials to both fabric and metal surfaces, including touch-up, trim, and lettering. The student will learn the fundamentals of airframe assembly, rigging, aerodynamics, and controls. This course will also introduce the student to conformity and airworthiness inspection requirements and procedures as they relate to the airframe, including knowledge and abilities needed to perform inspections and properly complete associated forms and paperwork.

**AVMN/AVMT 210**     *Airframe Hydraulic, Pneumatic, and Landing Gear Systems*     3 hours

Co-requisites: AVMT 200, 202, 204, 206, 208

This course is designed to introduce the student to basic fluid mechanics as it applies to practical applications in airframe systems. Construction and operation of hydraulic and pneumatic systems and components will be discussed, as well as identification and selection of hydraulic fluids and their related components. The student will learn landing gear designs, construction, and operations; as well as the inspection, servicing, and repair or replacement of various types of fixed and retractable landing gear systems, shock struts, brakes, wheels, tires, and steering systems.

**AVMN/AVMT 212**     *Reciprocating Engines*     3 hours

Co-requisites: AVMT 214, 216, 218, 220

This course will instruct the student in the principles of operation, construction, and design of reciprocating aircraft engines and components. The student will gain procedural knowledge and technical skills in reciprocating engine removal, disassembly, inspection, servicing, overhaul, reassembly, installation, and troubleshooting.

**AVMN/AVMT 214**     *Engine Electrical Systems*     3 hours

Co-requisites: AVMT 212, 216, 218, 220

This course will present the principles of operation and servicing procedures of electrical systems and electrical components found on reciprocating and turbine engine powered aircraft. Students will study and understand the operation, inspection, and servicing of ignition and starting systems, generation and control systems, auxiliary power units, and wiring installations.

**AVMN/AVMT 216**     *Engine Auxiliary Systems I*     3 hours

Co-requisites: AVMT 212, 214, 218, 220

In this course the student will learn the construction, operation, inspection, troubleshooting, servicing, repair and overhaul of reciprocating engine carburetion, injection, and fuel metering systems, as well as turbine engine fuel control systems. The student will also study fuel warning, pressure and rate of flow instruments, as well as reciprocating and turbine engine lubricants and lubrication systems.

**AVMN/AVMT 218**     *Engine Auxiliary Systems II*     3 hours

Co-requisites: AVMT 212, 214, 216, 220

In this course the student will study engine instrument systems, fire detection and extinguishing systems, induction systems, cooling systems, exhaust and thrust-reverser systems, with a focus on theory of operation, servicing, inspection, repair, and troubleshooting. The student will also learn the theory of operation and basic construction of fixed-pitch, constant-speed, and feathering propellers. The student will also be introduced to propeller synchronization systems, ice-control systems, and propeller governing systems. The student will gain knowledge & skills to inspect, check, service, remove, repair, and install propellers.

**AVMN/AVMT 220**     *Turbine Engines*     3 hours

Co-requisites: AVMT 212, 214, 216, 218.

This course provides the student with an understanding of gas turbine engine cycles, high-speed gas flow, and the design and construction of turbojet, turboprop, and turbofan engines. The student will receive an introduction to unducted fans and turbine-driven auxiliary power units. The student will learn the fundamentals of turbine engine operation, removal and replacement, maintenance, servicing, troubleshooting, and inspection.

**BIBLICAL STUDIES**

**BIBL 104**     *Survey of Biblical Literature*     3 hours

This survey course is designed to lay a foundational understanding of Scripture via a historical survey of the Old and New Testaments. The student will engage a range of learning activities related to the issues interacting with biblical literature, basic hermeneutical principles, key themes and persons of the canon, and the redemptive theme of Scripture.

**BIBL 105**     *Old Testament Survey*     1 or 3 hours

An introduction to the authorship and contents of the Old Testament books. Special attention will be given to important persons, places and events, as well as to key chapters in the Old Testament revelation.

**BIBL 110**     *New Testament Survey*     1 or 3 hours

An introduction to the authorship and contents of the New Testament books. Special attention will be given to important persons, places, events, as well as to key chapters in the New Testament revelation.

**BIBL 323**     *John*     3 hours

Prerequisites: BIBL 105 and 110, or BIBL 104

An analytical and exegetical study of the Gospel of John with special emphasis on John's Christology that Jesus is the Messiah, the Son of God.

**BIBL 350**     *Inductive Bible Study*     3 hours

Prerequisites: BIBL 105 and 110, or BIBL 104

An introduction to the basic steps and tools involved in the inductive study of the Bible. The student will develop the skills to practice a methodical approach to the observation, interpretation, application, and correlation to Scripture.

**BIBL 364**     *Acts*     3 hours

Prerequisites: BIBL 105 and 110, or BIBL 104

A study of the growth and development of the first century Church as recorded by the accurate historian, Luke. Special attention will be given to the activity of the Holy Spirit in the ministries of Peter and Paul. (Formerly BIBL 424).

**BIBL 410**     *Genesis*     3 hours

Prerequisites: BIBL 105 and 110, or BIBL 104

An intensive doctrinal and historical study of the text considering the related issues of chronology, creation, the fall, the flood and the Patriarchal culture setting. The lives of Abraham, Isaac, Jacob and Joseph are given special attention for their practical value.

**BIBL 425**     *Romans*     3 hours

Prerequisites: BIBL 105 and 110, or BIBL 104

An analytical and exegetical study of Romans, giving attention to the great doctrinal issues of condemnation, justification, sanctification, the place of Israel, and practical Christian living.

**BIBL 450**     *Daniel – Revelation*     3 hours

Prerequisites: BIBL 105 and 110, or BIBL 104

An expository treatment of the two major apocalyptic books of the Bible. The verse-by-verse study will be supplemented with historical, doctrinal and eschatological materials emphasizing the relationship of these two prophetic books.



**BIBL 471 Biblical Archaeology** 3 hours

Prerequisites: BIBL 105 and 110, or BIBL 104

A focus on archaeological terminology, methodology, and interpretation as they relate to biblical studies. (This course fulfills a Bible Background requirement.)

**BIOLOGY****BIOL 101 Principles of Biology** 3 hours

An examination of the fundamental characteristics common among living things. Emphasis is placed upon studies of the cell, energy, metabolism, reproduction, heredity, ecology, phylogeny and the diversity of life.

**BIOL 103 Principles of Biology Laboratory** 1 hour

Prerequisite: Concurrent or previous enrollment in BIOL 101

Laboratory exercises selected to demonstrate basic biological concepts. Emphasis is on plant and animal cell chemistry, composition and function, organismal structure and function, biological diversity and population ecology.

**BIOL 204 Microbiology for Nursing Professionals** 4 hours

Prerequisites: RN Licensure; BIOL 213/214 and BIOL 215/216

An examination of the fundamental principles of microscopic organisms. Microorganisms are examined with regard to cell structure, growth, heredity, diversity, and epidemiology. The basic concepts of pathogenicity, immunology, human disease, and genetic engineering are presented. Restricted to online students with an RN license pursuing a BSN.

**BUSINESS MANAGEMENT INFORMATION SYSTEMS**

(Formerly Computer Management Information Systems – CMIS)

**BMIS 200/ Enterprise Business Applications and** 3 hours**BUSI 200 Communications**

This course examines the design, selection, implementation and management of enterprise Business solutions. The focus is on identifying critical business processes and envisioning how technology can be developed to provide solutions which generate competitive advantage. Students learn how applying frameworks and strategies around the Business Process and Organization Strategy provide a competitive advantage. Topics include MIS and IT fundamentals, Information Systems Management and Using Enterprise Business Applications for competitive advantage. The course also includes a component for Technical Writing for Information Systems. (Formerly ISYS and CMIS 110)

**BMIS 208 Application Programming** 3 hours

Prerequisite: BMIS 200 or CSCI 110 (can be taken concurrently)

Development of computer and programming skills, problem solving methods, and selected applications. This course provides a broad-based introduction to programming in Visual Basic. Students will learn how to build a program from the design phase all the way through to delivery. (Formerly ISYS/CMIS 211)

**BMIS 209 C# Programming** 3 hours

Prerequisite: BMIS 208 or CSCI 111 or MATH 100 or higher; minimum grade of “C”

Development of computer and programming skills using the C# language. Students will learn how to use C# to develop stand-alone applications in an IDE. Advanced concepts, such as database connectivity and web applications will also be examined. (Formerly ISYS 211)

**BMIS 212 Object-Oriented Programming** 3 hours

Prerequisite: BMIS 208 or CSCI 111 or MATH 100 or higher; minimum grade of “C”

A study of the general-purpose, secure, object-oriented, portable programs. This course prepares students to program stand-alone applications. It will cover features such as programming

concepts, data types, operators, flow control statements, objects, classes, methods, arrays, and strings. The concept of object-oriented programming is emphasized. (Formerly ISYS and CMIS 212)

**BMIS 310/ Web Architecture and Development** 3 hours  
**CSCI 310**

Prerequisite: BMIS 208 or BMIS 212 or CSCI 112; minimum grade of “C”

Provides students with thorough knowledge of the foundations of web architecture, current technologies utilized in the development of a web site, and criteria for assessing the usability of web sites. (Formerly ISYS and CMIS 310)

**BMIS 312 Advanced Object-Oriented Programming** 3 hours

Prerequisite: BMIS 212; minimum grade of “C”

In-depth study of the advanced features of Java, with an emphasis on the “why” as well as the “how to” of programming in the Java language. This course also prepares students for the Sun Certified Java Programmer exam. (Formerly ISYS and CMIS 312)

**BMIS 320 IS Hardware and Software** 3 hours

Prerequisite: BMIS 200 or CSCI 110 (can be taken concurrently)

Emphasis is placed on the role of the computer in information processing, including the design of computer hardware and operating systems, application programming, data storage, network and client/server concepts, and systems development life cycle. (Formerly ISYS and CMIS 320)

**BMIS 325 Database Management Systems** 3 hours

Prerequisite: BMIS 208 or BMIS 212 (with a minimum grade of “C”); MATH 201 or BUSI 230

The study of relational database architecture, design, access, administration and implementation in the context of various organizational environments. The course includes issues of data normalization, standard queries, and the use of popular relational and object technologies for building business-oriented applications. Assigned projects will provide hands-on experience with industry leading SQL and RDBMS tools and ER CASE tools currently popular in business and government settings. (Formerly ISYS 325 and CMIS 450)

**BMIS 326 Introduction to Oracle** 3 hours

Prerequisite: BMIS 325; minimum grade of “C”

This course introduces the fundamentals of database design using an Oracle platform. Database administration will be introduced as well as the basic concepts of data manipulation in an Oracle environment.

**BMIS 327 Advanced Oracle** 3 hours

Prerequisite: BMIS 326; minimum grade of “C”

This course introduces the advanced topics of database administration in Oracle. Multi-dimensional databases for Business Intelligence applications will be examined as well.

**BMIS 330 Business Data Communication Systems** 3 hours

Business Data Communications. The study of the movement of information (data) one device to another by means of electrical, optical, radio or satellite transmission systems. This course will introduce the architecture, concepts, terminology, design, and management issues related to the modern environment of networking and data communications. Various types of networks and communication systems, protocols, regulatory issues and policies will be explored. (Formerly ISYS and CMIS 330)

**BMIS 331 Networks** 3 hours

Prerequisite: BMIS 200 and 330; minimum grade of “C”

Building on the foundational knowledge of the 330 course, this is a study in corporate data networking. This course primarily focuses on switched networks (wired and wireless) with hands on work on setting up and operating a switched network. Routed networks fundamentals and concepts will be introduced to prepare students for careers in networks operations and the follow-on advanced networks class.

**BMIS 335 Network Security** 3 hours

Prerequisite: BMIS 330; minimum grade of “C”

A study of the control of unwanted intrusions into, use of, or damage to a business’ computer network. This course will cover elements that prevent unwanted activities in an efficient and cost effective manner. This study will start with a focus on the business challenges and threats network professionals face in their day to day operations. It explores the nature and intent of hackers and defines preventative measures such as Intrusion Detection Systems, firewalls, and virtual private networks.

**BMIS 340/ Studies in Information Security** 3 hours

**CSCI 340/**

**BUSI 417**

This course introduces the basic issues and principles of information system security such as security policies, their mechanisms of implementation, means attackers use to circumvent these protections, and defenses against these attackers. (Formerly ISYS 340)

**BMIS 341/ Information Security Planning** 3 hours

**CSCI 351**

Prerequisites: BMIS 340 or CSCI 340

A comprehensive, end-to-end view of information security policies and frameworks from the raw organizational mechanics of building to the psychology of implementation. It presents an effective balance between technical knowledge and soft skills, and introduces many different concepts of information security in clear simple terms such as governance, regulator mandates, business drivers, legal considerations, and much more. With step-by-step examples and real-world exercises, this course is a must-have resource for students, security officers, auditors, and risk leaders looking to fully understand the process of implementing successful sets of security policies and frameworks.

**BMIS 342 Cyber Security** 3 hours

Prerequisite: BMIS 341; minimum grade of “C”

A comprehensive overview of the essential concepts students must know as they pursue careers in information systems security. Topics include a discussion of the new risks, threats, and vulnerabilities associated with the transformation to a digital world, including a look at how business, government, and individuals operate today. Additionally, information is included from the Official (ISC) 2 SSCP Certified Body of Knowledge and presents a high-level overview of each of the seven domains within the System Security Certified Practitioner certification.

**BMIS 351 System Analysis and Design** 3 hours

Prerequisite: BMIS 325; minimum grade of “C” and senior status

This practical course in information systems development will cover the concepts, skills, methodologies (RAD as well as SDLC), and tools essential for systems analysts to successfully develop information systems. The course will also introduce the student to the Oracle Designer CASE tools, which will be used to assist in the documentation of the analysis and design phases. The course will include a significant amount of team-based activities, therefore issues associated with team interactions and processes will be discussed. (Formerly ISYS and CMIS 351)

**BMIS 375 Introduction to Human-Computer Interaction** 3 hours

Prerequisite: BMIS 208 or BMIS 212 or BMIS 312 or CSCI 215

This course provides a study and application of the concepts, theory, and practice of effective user interactive computer software, including user-centered design principles, guidelines and evaluation for designing a software product. Cognitive and social aspects of human interaction will be examined in conjunction with elements of technological devices. Human interaction with mobile applications,

internet applications, social networking technology, cloud computing, and stand-alone applications will be explored.

**BMIS 405/ Business and Economic Forecasting** 3 hours

**BUSI 405**

Prerequisites: MATH 201 or BUSI 230; ECON 214

Factors producing and study of cyclic movements, analysis of their causes and methods of forecasting as well as study of seasonal, erratic and other movements. (Replaces ISYS 220)

**BMIS 410 Web Enterprise Technologies** 3 hours

Prerequisites: BMIS 310; and either BMIS 325 or CSCI 325; minimum grade of “C”

Provides students with thorough knowledge of current technologies and best practices for developing database driven dynamic websites including database and client side programming. (Formerly ISYS 410)

**BMIS 430 Advanced Networking and Communication Systems** 3 hours

Prerequisite: BMIS 330 or CSCI 355; minimum grade of “C”

This course focuses on routed data networks and the implementation of previously learned business data communications and switched networks concepts, principles and strategies to build a complete data communications network. This course is an in-depth study of technologies and equipment in modern communication networks. The TCP/IP stack and Cisco (or comparable) networking equipment are used to explore methodologies for designing, configuring, and maintaining communication networks. (Formerly ISYS and CMIS 430)

**BMIS 440 Digital Forensics** 3 hours

Prerequisite: BMIS 342; minimum grade of “C”

Students are introduced to the concept of computer crimes and the need for forensics specialists (people who know how to find and follow the evidence). System Forensics, Investigation, and Response begins by examining the fundamentals of system forensics, the role of computer forensics specialists, computer forensic evidence, and application of forensic analysis skills. It also gives an overview of computer crimes, forensic methods, and laboratories. It then addresses the tools, techniques, and methods used to perform computer forensics and investigation. Finally, it explores emerging technologies as well as future directions of this interesting and cutting-edge field

**BMIS 460 IS Project Management** 3 hours

Prerequisites: BMIS 351 and ECON 214 with a minimum grade of “C”

Capstone course for MIS majors. Develops skills in managing the project development cycle in an organization. Topics include systems engineering, cost analysis, risk management, and managing the socio-technological elements of a project. (Formerly ISYS and CMIS 460)

**BMIS 470 Executive Perspectives on E-Commerce Technology** 3 hours

Prerequisites: BMIS 310, 351; minimum grade of “C”

The course synthesizes material presented in previous courses highlighting the challenge of communication electronic commerce technology issues to non-technically oriented executives. Specific topics will include: models of web business strategy; and non-business web applications in government and education. (Formerly ISYS 470)

**BMIS 499 Internship** 1-6 hours

Prerequisites: Junior or Senior status, required GPA and or permission of Faculty Intern Advisor

Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship. (Formerly ISYS 499)

**BUSINESS****BUSI 200/ BMIS 200** *Enterprise Business Applications and Communications* 3 hours

Prerequisite: MATH 110 or approval of instructor.

This course examines the design, selection, implementation and management of enterprise Business solutions. The focus is on identifying critical business processes and envisioning how technology can be developed to provide solutions which generate competitive advantage. Students learn how applying frameworks and strategies around the Business Process and Organization Strategy provide a competitive advantage. Topics include MIS and IT fundamentals, Information Systems Management and Using Enterprise Business Applications for competitive advantage. The course also includes a component for Technical Writing for Information Systems. (Formerly ISYS and CMIS 110)

**BUSI 201** *Intermediate Business Computer Applications* 3 hours

Prerequisite: INFT 110 or equivalent

This laboratory experience offers the student a hands-on introduction to an electronic spreadsheet, a database program, and a presentation program. Upon this foundation, intermediate database and intermediate and advanced spreadsheet skills are taught. Throughout the course, there is an emphasis on the integration of the applications as they are applied to personal and organizational tasks. This course provides the IT foundations that are applicable for all curriculums. (Formerly CMIS 201)

**BUSI 223** *Personal Finance* 3 hours

Budgets, borrowing funds, stock ownership, savings, real estate as investments, and related tax matters are among the topics covered.

**BUSI 230** *Introduction to Probability and Statistics* 3 hours

Prerequisite: MATH 110, minimum grade of "C", or equivalent

Introduction to descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, chi-square tests, regression analysis, and correlation with applications in business and science. (Same as MATH 201)

**BUSI 300** *Business Communications* 3 hours

Prerequisite: ENGL 102

Essential to all business professionals is a sound understanding of the theories and practice of organizational communication. This dynamic course presents the fundamentals of written, verbal, nonverbal, and technological communication.

**BUSI 301** *Business Law* 3 hours

Prerequisite: Sophomore standing

Designed to increase the understanding of the American legal system and those legal principles which apply to the business environment. Business organizations, torts, contracts, employment relationships and issues, intellectual property, and international law are among the topics discussed.

**BUSI 303** *International Business* 3 hours

An introduction to the field of international business. Topics to be covered include: country differences in political economy and culture; cross-border trade and investment; the global monetary system; global strategy; global market; and product development; global operations management; and global human resources management.

**BUSI 310** *Principles of Management* 3 hours

Management requires a balance between social (people) and technical (quantitative) perspectives, as well as between efficiency and effectiveness. This course emphasizes the application of these perspectives in each of the planning, organizing, leading and controlling functions.

**BUSI 313** *Foundations of Project Management* 3 hours

This course introduces the student to the field of modern project management and the fundamental processes of initiating, planning, executing, monitoring, controlling and closing projects. Students will learn the inputs and outputs and the tools and techniques of: defining the project, estimating project times and costs, developing project plans, managing risk, scheduling resources and their costs, reducing project duration, progress and performance measurement and evaluation and project closure. (Previously BUSI 413)

**BUSI 320** *Corporate Finance* 3 hours

Prerequisites: ACCT 212 and MATH 201 or BUSI 230; Junior status

A study of the financial forms of business organization, with special attention to the corporation and its advantages and disadvantages; capital stocks and bonds; budgeting; dividend policy; failure and reorganization; financial accounting; and cash flows.

**BUSI 321** *Money and the Financial System* 3 hours

Prerequisite: ECON 214

This course covers the structure and operation of the U.S. and international financial systems, functions of the Federal Reserve, monetary theory, and the impact of monetary policy on financial markets and the economy.

**BUSI 322** *Managerial Accounting* 3 hours

Prerequisite: ACCT 212

Emphasis is upon utilization of cost data in planning and controlling activities. Internal and external data are woven into the planning models. Specific areas are: process job order, standing, functional relationships, and budgeting. Emphasis is placed upon the present value model for capital budgeting and decision making.

**BUSI 330** *Principles of Marketing* 3 hours

Prerequisite: Sophomore standing

The study of the system of activities that constitute marketing with emphasis on the principles, policies and strategies utilized to identify and satisfy the needs and wants of consumers. The universal application of marketing in all forms of organizations is stressed.

**BUSI 331** *Marketing Research* 3 hours

Prerequisites: BUSI 330 and MATH 201 or BUSI 320

Theory and practice of marketing research will be covered with emphasis on development and evaluation of research projects.

**BUSI 335** *Leading Change* 3 hours

A review of the concepts and practices of planning for and leading effective change. Students will evaluate personal and organizational approaches to change in order to identify requirements, plan and implement change.

**BUSI 340** *Organizational Behavior* 3 hours

This introductory course in organizational behavior integrates the management and behavioral principles, techniques, and concepts associated with the productivity of organizational resources. It focuses on human behavior in organizations and is primarily concerned with improving organizational efficiency and effectiveness through increased understanding of the behavior of people at work.

**BUSI 342** *Human Resources Management* 3 hours

Introduces the student to the human resources/personnel functions. Topics covered include: recruitment, assessment, compensation, motivation, appraisal, development, legal environment, labor relations, employee relations, etc. Emphasis on how managers can deal with and utilize the human resources function.

**BUSI 343** *Employee and Labor Relations* 3 hours  
Prerequisite: BUSI 342  
A comprehensive study of collective bargaining; the negotiation process and the scope of labor contracts to include the day-to-day administration of contracts; the major substantive issues in bargaining to include their implication for public policy; and the problem of dealing with labor conflict.

**BUSI 345** *Leadership Theory and Practices* 3 hours  
An evaluation of the inter-relatedness of the followership and servant leadership is reviewed on how those traits are imperative to be an effective leader.

**BUSI 352** *Financial and Retirement Planning* 3 hours  
This course is designed to provide an overview of the financial planning process with specific emphasis on retirement planning. Topics discussed will include: client/planner interactions; time value of money applications; personal financial statements development and assessment; cash flow and debt management; asset acquisition; education planning; planning elements of risk management; investment planning; and retirement planning; special needs planning review; integrating planning recommendations; financial planning ethics review; overview of practice management concepts.

**BUSI 354** *Estate Planning* 3 hours  
Estate Planning focuses on the efficient conservation and transfer of wealth, consistent with the goals of a financial planner's clients. It is a study of the legal, tax, financial and non-financial aspects of this process, covering topics such as: trusts, wills, probate, advanced directives, charitable giving, wealth transfers, and related taxes.

**BUSI 360** *Contemporary Issues in International Business* 3 hours  
Prerequisite: -BUSI 303  
An analysis of current global developments and rapid change in areas that have the potential for an impact on the international business environment. Attention is given to the use of techniques for identifying and researching significant issues, extrapolating probable outcomes, and developing strategic responses. Corporate and entrepreneurial perspectives are considered.

**BUSI 365** *Global Industries and Operations* 3 hours  
Prerequisite: BUSI 303  
An introduction to the organizational and operational dynamics of the various global industries and their rapidly growing importance to the world's national economics and governments. Various aspects of the industries will be explored.

**BUSI 390** *Business Common Professional Components* 3 hours  
This course is designed to meet the common professional component for the Accreditation Council of Business Schools and Programs (ACBSP). Students in business-related programs need to attain general business competencies such that they may be better suited to understand the business environment. This course allows students to attain the minimal competencies required by ACBSP, such that their degrees are accredited as business-related programs.

**BUSI 400** *Strategic Planning/ Business Policy* 3 hours  
Prerequisites: Senior status (at least 90 credits) and completion of all 300-level Business courses  
This capstone course for all business majors seeks to integrate the concepts, techniques, and knowledge of all areas of business administration. Its focus is strategic management which is studied in theory and then rigorously applied. This course is designed for final semester seniors.

**BUSI 409** *Non-Profit Management* 3 hours  
Management principles and techniques for the administration of a non-profit organization, including churches, charities, hospitals, and government organizations.

**BUSI 411** *Operations Management* 3 hours  
Prerequisites: BUSI 201, 310, and MATH 201 or BUSI 230

A study of the challenges and opportunities facing managers of the operational functions of business, the value added areas where resources are transformed into goods and services. The wide ranging implications and applications of the concept of employee/team driven, customer-centered continuous improvement will be examined, as well as Total Quality Management principles. The study of operations management will involve some complexity as various quantitative management tools are examined and applied.

**BUSI 414** *Project Management I* 3 hours  
Prerequisite: BUSI 313  
This course provides focused instruction in the first five (of nine) project management competencies as delineated in the Project Management Institute's Body of Knowledge (PMBOK): Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, and Project Quality Management. Students will apply processes to ensure project coordination, plan development processes, project plan execution processes and integrated change control processes.

**BUSI 415** *Project Management II* 3 hours  
Prerequisite: BUSI 313  
This course provides focused instruction in the final four (of nine) project management competencies as delineated in the Project Management Institute's Body of Knowledge (PMBOK): Project Human Resource Management, Project Communications Management, Project Risk Management, and Project Procurement Management. The course will provide students with processes to review organizational and human resource structures to develop and manage project teams; identify, analyze, plan for and respond to project risk; identify and acquire goods and services to implement and complete project plans; and, identify stakeholders, plan communications, and distribute information.

**BUSI 416** *Leading Global Projects* 3 hours  
Prerequisite: BUSI 313  
This course provides instruction in global project management with emphasis on the integration of the interconnected themes of strategic project management, cross-cultural effectiveness, and project leadership.

**BUSI 417 / BMIS/CSCI 340** *Studies in Information Security* 3 hours  
This course introduces the basic issues and principles of information system security such as security policies, their mechanisms of implementation, means attackers use to circumvent these protections, and defenses against these attackers. (Formerly ISYS 340)

**BUSI 420** *Investments* 3 hours  
Prerequisites: -BUSI 320  
A survey of corporate securities, financial securities, security markets, investment and portfolio analysis and administration. Investment companies, commodity markets and the stock exchange are also examined.

**BUSI 421** *Insurance Planning/Risk Management /Employee Benefits* 3 hours  
This course will enable the student to design an employee benefit plan that encompasses the client's stated goals and objectives while keeping the plan in compliance with federal regulations.

**BUSI 423** *Franchising* 3 hours  
Franchising is a major form of business ownership and a strategy for growing ventures. This course examines franchising from both the perspective of the entrepreneur as a franchisee and as a franchisor. Topics will include selecting a franchise, developing a franchised business model, and legal issues associated with the franchised relationship.

**BUSI 424** *E-Commerce* 3 hours  
This course explores how the Internet has revolutionized the buying and selling of goods and services in the marketplace. Topics include: Internet business models, electronic commerce infrastructure,

designing on-line storefronts, payment acceptance and security issues, and the legal and ethical challenges of electronic commerce.

**BUSI 425 *Family Business Management*** 3 hours

This course explores the unique personal, interpersonal issues, and business issues associated with the family-owned and managed firm. Topics include challenges and opportunities for family businesses, the dynamics of family interactions within the family business culture, conflict resolution, estate planning, and succession planning.

**BUSI 427 *Team Dynamics*** 3 hours

Prerequisite: BUSI 340

The dynamics of building a highly functioning team in order to accomplish a goal. Examination of how to choose team members and how to manage the team to deliver successful results.

**BUSI 430 *Promotion Strategy*** 3 hours

Prerequisite: BUSI 331

This course is open to students who desire to understand the function of Promotion within a company's Integrated Marketing Communications (IMC) plan. Emphasis is on planning, creating, and evaluating advertising, sales promotion, and publicity strategies to communicate most effectively across the optimum blend of media channels.

**BUSI 433 *Marketing Management*** 3 hours

Prerequisites: BUSI 331 and senior status

Advanced study of the role and responsibilities of marketing executives. Emphasis will include analysis of marketing opportunities and problems, planning of objectives and strategies, development of organizational structure and policies, and implementation, control and structure and policies, and implementation, control and evaluation of marketing programs.

**BUSI 435 *Small Business Management*** 3 hours

This course is open to all upper class students who desire to start their own business someday. A practical study in the dynamics of establishing, funding, and managing a small new enterprise, or acquiring an existing business using case studies, practical exercises, and class instruction. Students will work in teams to develop a Business Feasibility Analysis, and a full Business Plan using template software for their proposed enterprise. The final presentation will be before a panel of venture capitalists.

**BUSI 440 *Compensation Management*** 3 hours

Prerequisite: BUSI 342

This course develops the philosophy and fundamental guiding principles for wages and salaries in business institutions. This comprehensive study of compensation management also includes job analysis, administrative job evaluation, basis compensation plans, executive compensation and administrative controls.

**BUSI 443 *Workforce Planning and Employment*** 3 hours

Prerequisite: BUSI 342

This course will focus on recruitment, assessment, selection, placement and appraisal issues and methods necessary to align the organizational workforce with the strategic goals of the organization. The laws and guidelines related to the DOL, INS, EEOC, and other legal enforcement agencies as related to the staffing process will be reviewed.

**BUSI 444 *Human Resource Development*** 3 hours

Prerequisite: BUSI 342

This course focuses on the design, implementation, and management of employee orientation, career development, and training programs. Human resource development issues examined include strategic training, needs assessment, theories, program design, evaluation, and training methods as well as career management.

**BUSI 455 *Conflict Resolution and Negotiation*** 3 hours

Prerequisites: BUSI 310, 340, 342

A review of the theories, processes and practices of conflict resolution and negotiation. Students' strategies. Cultural aspects of conflict and negotiations and diagnose and identify negotiation strategies. Cultural aspects of conflict and negotiation will be examined.

**BUSI 464 *International Market Integration and Trade Agreements*** 3 hours

Prerequisite:-BUSI 303

This course examines market and economic integration among countries, including the European Union, the North American Free Trade Agreement, Asia-Pacific Economic Cooperation, Association of Southeast Asian Nations and others. Major emerging market economies will also be surveyed, along with the challenges and opportunities these present to the international business firm.

**BUSI 465 *Export Management Strategy*** 3 hours

Prerequisite:-BUSI 303

An overview of international trade theories, policies, instruments and documents that affect the success of U.S. exports. Students are introduced to various resources, private organizations, and government agencies designed to facilitate American export businesses. The tools and methods for establishing a small export business model are examined.

**BUSI 472 *Organizational Ethics*** 3 hours

An analysis of the foundation of ethical behavior in business, including an introduction to social graces and the importance of professional image. Emphasis is placed on a comparison between Judeo-Christian and secular ethical paradigms.

**BUSI 489 *Capstone in Financial Planning*** 3 hours

Prerequisites: BUSI 352, 354, 420, 421, and ACCT 401

This course will allow the student to create a written financial plan using the knowledge acquired from previous course work in the financial planning classes. The student will use a software package to incorporate all the elements of a successful financial plan for a case study client.

**BUSI 499 *Business Internship*** 1 to 6 hours

Prerequisites: Junior or Senior standing and required GPA

A selected directed practical work experience under the supervision of the Director of the Business Internship program and a business manager/professional in the student's area of career interest. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### CONVERSATIONAL ARABIC

**CARA 101 *Conversational Arabic I*** 3 hours

An introductory course designed to develop practical conversational Arabic skills. Intended for students whose first language is not Arabic and/or have no previous Arabic training and/or experience. (Available Spring 2015)

### CHRISTIAN COUNSELING

**CCOU 201 *Introduction to Christian Counseling*** 3 hours

This course serves as an introduction to biblical counseling and helping ministry with special attention given to tough issues that pain today's generations, the modern-day search for answers, and the biblical basis for a counseling ministry.

**CCOU 202 *Issues of Christian Counseling*** 3 hours

This course provides the framework to the structure and issues surrounding biblical counseling and helping ministries. Special attention will be given to the dealing with spiritual warfare, "brief therapy" model of counseling, life transitions, and crisis care.

**CCOU 301 *Christian Counseling for Marriage and Family*** 3 hours

A broad overview of the dynamics of marriage and family relationships set the foundation of this course. Exploring structure, functionality, systems and how they should be addressed in counseling situations provide the framework for counseling this population group.

**CCOU 302 *Christian Counseling for Children*** 3 hours

This course introduces the student to the challenges, developmental milestones, and crises that are a part of successfully navigating the span of years from childhood through adolescence. It further prepares the student to engage and retain the theories and techniques necessary for assisting children and adolescents with these challenges on their way to a healthy lifestyle.

**CCOU 304 *Christian Counseling for Women*** 3 hours

This course examines common issues as it relates to counseling women. It explores the biblical perspectives and developmental/cultural situations that will help prepare the student to engage in counseling to this population group.

**CCOU 305 *Issues in Human Sexuality*** 3 hours

This course provides a panorama of sexual challenges that men and women are currently experiencing, as well as the results of a national report on the sexuality of Christian men and women. This vibrant and fascinating study enables students to gain a better understanding of the complexities and fundamental differences of male and female sexuality and marital intimacy in contrast to cultural myths and distortions.

**CONVERSATIONAL ENGLISH****CESL 101 *Conversational English I*** 3 hours

An introductory course designed to develop practical conversational English skills. Intended for students whose first language is not English but who may have some previous basic English training and/or experience, at least in reading and writing.

**CESL 102 *Conversational English II*** 3 hours

Prerequisite: CESL 101

An intermediate course to further the objectives of CESL 101 by expanding students' practical conversational skills. Intended for students whose first language is not English but who have previous English training and/or experience through CESL 101.

**CESL 103 *Conversational English III*** 3 hours

Prerequisite: CESL 102

An advanced course and a continuation of Conversational English 101 and 102, with an increased focus on grammar and vocabulary supporting practical and advanced conversational skills. Intended for students whose first language is not English but who have previous English training and/or experience through CESL 101 and 102.

**CONVERSATIONAL FRENCH****CFRE 101 *Conversational French I*** 3 hours

An introductory course designed to develop practical conversational French skills. Intended for students whose first language is not French and/or have no previous French training and/or experience. (*Available Spring 2015*)

**CONVERSATIONAL GERMAN****CGRM 101 *Conversational German I*** 3 hours

This is an introductory course designed to develop practical conversational German skills. Intended for students whose first language is not German and/or have no previous German training and/or experience.

**CGRM 102 *Conversational German II*** 3 hours

Prerequisite: CGRM 101

This course will further the objectives of CGRM 101 by expanding students' practical conversational skills. Intended for students whose first language is not German but who have previous German training and/or experience through CGRM 101.

**CGRM 103 *Conversational German III*** 3 hours

Prerequisite: CGRM 102

This course will further the objectives of Conversational German 101 and 102, with an increased focus on grammar and vocabulary supporting practical conversational skills. Intended for students whose

first language is not German but who have previous German training and/or experience through CGRM 102.

**CHEMISTRY****CHEM 108 *Chemistry for Nursing Professionals*** 4 hours

Prerequisites or Co-requisite: RN Licensure; MATH 110 or 201 with a minimum grade of "C"; or Math SAT score of 550, or Math ACT score of 20

A study of the basics of general and organic chemistry at an introductory level, including atomic structure, bonding, acids and bases, organic functional groups and selected organic reactions, with an emphasis on nursing applications. This course includes an independent hands-on microscale laboratory experience. Restricted to online students with an RN license pursuing a BSN.

**CHURCH HISTORY****CHHI 301 *History of the Christian Church I*** 3 hours

A survey of the first fifteen centuries of the Christian Church including the persecutions, the rise of heresy, the development of Roman Catholicism during the Middle Ages, and the groups which dissented against Roman Catholicism.

**CHHI 302 *History of the Christian Church II*** 3 hours

A survey of the Christian Church from the 16th century to the present. Includes the background, development and results of the Reformation, modern missions, the ecumenical movement, American Christianity and Evangelism.

**CHURCH MINISTRIES****CHMN 201 *Introduction to Church Ministries*** 3 hours

A practical study of Church Ministry with emphasis given to its biblical foundation, philosophy of ministry, and the various areas of ministry. The ministry is considered as a calling and a career.

**CHMN 387 *Methods of Teaching Bible and Religion*** 3 hours

Prerequisite: BIBL 350

A study of the laws of teaching and learning as they apply to various situations in which the student has an opportunity to observe and apply the principles and art of effective teaching. The student will be given an opportunity to observe and apply the principles of effective teaching.

**CONVERSATIONAL HINDI****CHND 101 *Conversational Hindi I*** 3 hours

An introductory course designed to develop practical conversational Hindi skills. Intended for students whose first language is not Hindi and/or have no previous Hindi training and/or experience. (*Available Spring 2015*)

**CINEMATIC ARTS****CINE 201 *Introduction to Screenwriting*** 3 hours

This is a methods course intended to provide instruction in the fundamentals of screenwriting. Basic three-act structure, writing techniques, character development, and screenwriting software will be covered. This class may be used as part of the required CORE curriculum needed for students to apply and enter into the residential Center for Cinematic Arts cohort their Junior year.

**CINE 330 *Micro Budget Filmmaking*** 3 hours

In this condensed exploration of filmmaking, students learn the process of developing a low-budget film. Translating a minimum budget into the maximum quality on screen is the main focus of this course. Topics include: setting up a production company, financing and development, pre-production planning, production techniques, post-production workflow, and distribution. Students will prepare a producer's breakdown and production budget for a micro-budget screenplay.

**CINE 340 Theology and Cinema** 3 hours

This course explores the use of theology in cinema. As an introductory course, it seeks to answer the questions that many Christians face about movies as an artistic medium. Namely, "How should Christians view cinematic arts?" This course will also focus on helping students approach movies with the eyes of a theologian. Specifically, it will instruct students to evaluate and interpret movies from a theological/philosophical perspective. Part of this will involve viewing specific movies and exegeting them to see what they reveal about culture and truth.

**CRIMINAL JUSTICE****CJUS 200 Introduction to Criminal Justice** 3 hours

Prerequisite for all other CJUS courses

An introductory course covering an overview of the whole criminal justice system in America, including discussion of law enforcement generally, the court systems, correctional organizations, the history of law enforcement in the U.S. and some other nations, and the ethics and philosophy of criminal justice generally.

**CJUS 230 Criminal Justice Research and Writing** 3 hours

Prerequisite for all other CJUS courses; recommended to be taken concurrently with CJUS 200.

This course is an introductory course to research in the social sciences, both in traditional and online venues. It covers plagiarism, APA formatting, case briefing, academic writing, formal reporting, and memoranda. A major research paper is required.

**NOTE: CJUS 200 and 230 are a prerequisite for all other Criminal Justice courses.**

**CJUS 300 Administration of Justice Organizations** 3 hours

This course is designed to familiarize the student with the theoretical and practical management perspectives embraced by the American criminal justice system. This will include nature of criminal justice organizations, individual and group behavior within those organizations, processes inherent in those organizations, and areas of criminal justice reform from a Christian perspective.

**CJUS 310 Juvenile Justice** 3 hours

This course is designed to provide an in-depth study of the juvenile justice system in the United States. The student will study the general principles of juvenile delinquency, overview of the juvenile criminal justice system, theories of delinquency, and other issues dealing with juveniles in the justice system.

**CJUS 320 Corrections** 3 hours

This course is designed to familiarize the student with the criminal correctional system in the United States. The student will review the history of corrections and procedural, statutory, and case law of American correction.

**CJUS 321 Juvenile Corrections** 3 hours

Examines the extent to which juvenile correctional interventions are used. Provides an in-depth analysis of various correctional responses to juvenile offenders including diversion, community-based, and residential programs.

**CJUS 322 Community Based Corrections** 3 hours

This course introduces the student to the new philosophies within corrections to establish successful rehabilitation programs in the community and outside of traditional prison settings. Students will analyze different programs that are being implemented nationally to include electronic monitoring, boot camps, and restorative justice programs.

**CJUS 323 Delinquency and Crime Prevention** 3 hours

Explores various strategies for prevention of adult and juvenile crime with particular attention to the theoretical and empirical bases for these approaches. Students will develop a crime prevention plan.

**CJUS 324 Legal and Ethical Issues in Juvenile Justice** 3 hours

An overview of legal issues and court decisions related to juvenile justice. An analysis of the various ethical issues surrounding juvenile justice contexts and practices.

**CJUS 330 Judicial Process** 3 hours

This course is designed to increase the understanding of the criminal judicial process in the United States. It includes a study of the functioning of courts, judges, lawyers and law enforcement agencies, including judicial decision-making and the impact of court decisions on the American Republic.

**CJUS 340 Criminology** 3 hours

This course is designed to examine theories regarding the nature and cause of criminal behavior and society's response. It approaches crime from a philosophical, psychological, and sociological perspective. Most importantly, this course strives to integrate a theological, perspective to crime and punishment. (Formerly CJUS 210)

**CJUS 350 Criminal Justice Ethics** 3 hours

This course is designed to build upon the biblical foundations students should have developed from other courses (such as BIBL 105/110 and THEO 200/201) and enhance foundational ethical considerations into more developed and practical notions of right behavior within the realm of criminal justice praxis.

**CJUS 360 Introduction to Forensics** 3 hours

An introductory overview of forensics and how it is applied to the justice system by law enforcement agencies. This course demonstrates the importance of documenting physical evidence and identifying various kinds of evidence such as: fingerprints, trace, tool marks, DNA, etc.

**CJUS 361 Crime Scene Photography** 3 hours

Prerequisite: CJUS 360; can be taken concurrently with CJUS 363

Students will learn and apply principles of photography in digital format. Within the field of forensic science, the use and understanding of photography is essential. The course will focus on the areas of aerial, underwater, and macro photography as used to document and present criminal investigations. Students must have access to a digital camera that has aperture settings (example: Sony P200) and a tripod.

**CJUS 362 Crime Scene Management** 3 hours

Prerequisite: CJUS 361; can be taken concurrently with CJUS 363

This course will address critical thinking, resource management, supervision, and investigative failures in criminal investigations. A detailed explanation of how to effectively manage a forensics investigation and how to preserve and present evidence will be covered.

**CJUS 363 Computer and Cyber Forensics** 3 hours

Prerequisite: CJUS 360; can be taken concurrently with CJUS 361 or 362

The course will focus on the role of computer forensics and the methods used in the investigation of computer crimes. The course explains the need for proper investigation and illustrates the process of locating, handling, and processing computer evidence.

**CJUS 380 Introduction to Homeland Security** 3 hours

An introduction to the public and private sector dimension of the broad range theoretical and practical aspects of homeland security and emergency management, including: origins of natural and terrorist-caused disasters; local, state, and federal emergency management planning and operations; health infrastructure capabilities, public communication strategies; business community concerns; ethical, legal, and constitutional questions; as well as the social and psychological dimensions of disasters. NRF, NIMS, ICS, IC, and UC will be examined. Further, national and association standards found in agencies and documents such as Presidential Directives, NFPA 1600, IAEM, and IACP will be examined.

**CJUS 381 Incident Command System/Emergency Planning and Incident Management** 3 hours

Prerequisite: CJUS 380

An introduction to the basic tasks of emergency preparedness and disaster mitigation, including planning, response, and recovery. Special emphasis will be placed on command arrangements, coordination, and budgetary issues among emergency responders (law enforcement, firefighters, transportation, public works, and health care system officials), and within and between federal, state, and local governments.

**CJUS 382 Critical Infrastructure Protection** 3 hours

Prerequisite: CJUS 380

Identification, prioritization, and protection of critical infrastructure including agriculture, cyber and information technology, telecommunications, chemical, transportation, energy, water, medical, emergency services, and postal and shipping. Impact on personal safety, structural integrity and security, and economic performance.

**CJUS 383 Behavioral Dimensions of Disaster** 3 hours

Prerequisite: CJUS 380

This course focuses on the sociological, psychological, and physiological human responses to natural and human-made disasters. Students will examine normal and abnormal psychological reactions, the recovery process, and principles of mental health care for victims and responders of disasters. Differences between natural and human-made disasters are examined and factors that mitigate post-traumatic effects are reviewed. Response of the public and individuals to disaster-related issues including: disaster warning, evacuations, relations, civil unrest, loss of family and property, and recovery activities are examined. Sociological and psychological aspects of Weapons of Mass Destruction (WMD) disasters are also considered. Students develop an awareness of the effect of human influence and behavior on disaster response and recovery.

**CJUS 400 Criminal Law** 3 hours

Prerequisites: CJUS 200 and 230 or GOVT 200 and 346

This course is designed provide an overview of the legal elements that apply to criminal law, procedure, and evidence, including proof, intent, conspiracy, classifications of crimes and related punishments, culpable mental states, defenses, rules of evidence (including the exclusionary rule), and rights and procedures in the gathering of evidence.

**CJUS 410 Constitutional Criminal Procedure** 3 hours

This course is designed to study the constitutional provisions and Supreme Court decisions affecting law enforcement procedure, including due process of law generally, arrest, charges, right to counsel, search and seizure, identification, bail, trial and post-trial proceedings, and post-conviction appeals. The course also investigates civil liability for acts of law enforcement personnel.

**CJUS 420 Criminal Investigations I** 3 hours

This course will address the constitutional requirements for conducting criminal investigations, essential techniques for processing a crime scene, and methodology for collecting evidence via subpoenas and interviews.

**CJUS 499 Criminal Justice Internship** 1 to 6 hours

Prerequisites: Junior or senior standing and required GPA

Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

**CHRISTIAN LEADERSHIP****CLED 300 Biblical and Theological Foundations of Christian Leadership** 3 hours

This course will explore the biblical and theological foundations for Christian leadership. Old and New Testament examples of leadership will be analyzed and the foundations of current leadership principles will be discussed.

**CLED 365 The Personal Development of the Leader** 3 hours

This course is designed to help the student examine the life of the leader. In addition to examining the development of an individual's leadership skills, several other issues will be explored such as the ordering of one's private world, the personal character of the leader, and becoming a leader that lasts.

**CLED 489 Capstone Seminar** 3 hours

Prerequisites: CLED 300, 365; Senior status

This required course will be completed in the final semester of the student's degree program and will be based on the knowledge and skills acquired in earlier course work. The student will complete a capstone project developed through the concepts learned throughout the program allowing them to showcase their leadership skills and understanding of the structure and culture of an organization.

**COLLEGE LEARNING STRATEGIES****CLST 100 Foundations for Academic Success** 3 hours

This course is designed to assist students in their academic adjustment to college. There is a focus on learning and application of study strategies and self-management skills. In addition, emphasis is placed on community and accountability which provide the foundations for academic success.

**CLST 101 College Learning Strategies** 1 hour

This course is designed to equip students with the study strategies necessary for success at the college level. It teaches self-management skills such as organization and time management, as well as learning strategies including memory and test-taking. Students are also encouraged to discover their individual learning styles, while incorporating practical application techniques.

**CLST 103 Individualized Curriculum to Support Academic Success** 1 hour

This course is an individualized curriculum spanning a spectrum of topics such as English, math, professional test-taking, and/or study strategies. The course is self-paced with instructor guidance and accountability to reach desired outcomes.

**CLST 105 Strategies for the Application of College Learning Skills** 1 hour

No Prerequisite for this course

This course provides strategies that will enable students to apply college learning skills to their current courses. It incorporates one-on-one mentoring, as well as weekly accountability. It is designed to foster an awareness of current academic progress and to encourage the motivation and responsibility necessary for academic success.

**CLST 113 Foundations for English** 1 hour

This course is a self-paced, individualized program tailored for each student's assessed needs in the areas of English relating to writing and study strategies. This course is self-paced with instructor guidance and accountability to reach desired outcomes.

**CLST 301 Advanced Reading/Vocabulary** 1 hour

This course focuses on building personal/professional vocabularies and accelerating reading speed/ comprehension. Higher level critical reading skills are developed for upper-level and graduate courses.



**COMMUNICATION STUDIES****COMS 101 *Speech Communication*** 3 hours

Prerequisite: ENGL 100 or advanced standing in the English Placement Test

Study and practice in communicating ideas competently in public speaking. Students are also given a foundation for development of communication skills in other human communication contexts, including dyadic and small group communication.

**SPANISH COMPOSITION****COSP 101 *Spanish Composition and Rhetoric*** 3 hours

For Liberty University en Español students only, this course prepares students to become careful readers, critical thinkers, and skilled writers through the critical engagement of a variant of tests, including written, oral, and visual. Drawing upon rhetorical theory, it emphasizes the practices of analytical reading, informed reasoning, effective writing, and sound argumentation. The course requires 4,000 words of writing in no fewer than 5 written projects.

**COSP 102 *Spanish Composition and Literature*** 3 hours

For Liberty University en Español students only, the Composition and Literature course continues the emphasis on writing. Based upon studies of the short story, poetry, and drama, two analytical papers and a literary research paper, sequentially developed, are required.

**CRISIS COUNSELING****CRIS 302 *Foundational Principles of Crisis Response*** 3 hours

Prerequisite: PSYC 101 or 210

A general overview and analysis of the theoretical concepts of crisis response, critical incidents and grief and will cover intervention models, effects of critical incident stress. The course will cover the historical background of the discipline and scope of crisis response.

**CRIS 303 *Acute Stress, Grief and Trauma*** 3 hours

Prerequisite: CRIS 302

A general overview and analysis of the impact and consequences of acute stress on victims, first responders, families, and community members. Particular attention is paid to effective counseling strategies, methods and techniques for immediate response, fostering resiliency, and cultural differences.

**CRIS 304 *PTSD and Combat-Related Trauma*** 3 hours

Prerequisite: CRIS 302

An examination and analysis of the causes, symptoms and treatments of PTSD and Combat-related PTSD, taking into account the latest research in the field and examining the affective, behavioral, cognitive and spiritual challenges faced by survivors.

**CRIS 305 *Trauma Assessment and Interventions*** 3 hours

Prerequisite: CRIS 302

An in-depth examination of the causes, symptoms and treatments of both trauma-related and "normal" relations to exceptional violence, taking into account the latest research in the field and examining the affective, behavioral, cognitive, and spiritual challenges faced by survivors. Included, among others, will be community, military and church-based responses to such events as: crime, school and workplace violence, domestic violence, motor vehicle accidents, and sexual assault.

**CRIS 306 *Complex Trauma and Distasters: Offering Spiritual Care*** 3 hours

Prerequisite: CRIS 302

An examination of the role of faith-based organizations, faith communities, and pastors and clergy, in the care of emotional and spiritual health in individuals, communities, and organizations

following trauma and disaster. Specifically, topics will include the life cycle of a disaster, exclusive types of trauma and disasters, models of response for faith-based communities, collaborative efforts between mental health professionals and faith-based services, and other salient factors for effective emotional and spiritual care.

**CREATION STUDIES****CRST 290 *History of Life*** 3 hours

Prerequisite: A college science course

An interdisciplinary study of the origin and history of life in the universe. Faculty of the Center for Creation Studies will draw from science, religion, history, and philosophy in presenting the evidence and arguments for creation and evolution. This course is required for all Liberty students.

**COMPUTER SCIENCE****CSCI 315 *Client-Side Programming*** 3 hours

Prerequisite: CSCI 310 or CSCI 215; minimum grade of "C"

This course provides an introduction to the various languages and tools used in client-side programming. The fundamentals of client-side programming will be emphasized. Due to the particularly dynamic nature of Internet technologies, course content will change as appropriate.

**CSCI 316 *Server-Side Programming*** 3 hours

Prerequisite: CSCI 310 or CSCI 215; minimum grade of "C"

This course provides an introduction to the various languages and tools used in server-side programming. The fundamentals of server-side programming will be emphasized. Due to the particularly dynamic nature of Internet technologies, course content will change as appropriate.

**CSCI 351/ BMIS 341 *Information Security Planning*** 3 hours

Prerequisite: BMIS 340 or CSCI 340

This course will deal with the proper planning for and initial implementation of an Information Security program. The topics included would be: security planning and policies; risk analysis; program accreditation; systems lifecycle management; contingency planning; physical security measures; personal security practices and procedures; software security; network security; administrative controls; crypto security.

**CSCI 352 *Information Security Operations*** 3 hours

Prerequisite: CSCI/BMIS 340

This course will cover the issues and tasks involved in the day to day operation of an Information Security System. The topics included in this course would be: risk management, auditing and monitoring, regulations and compliance, disaster recovery, incidence response, key management, information systems hardware and software operation, networks and transmission security, operational security, and cryptography.

**CSCI 405 *Web Services*** 3 hours

Prerequisite: CSCI 315 or CSCI 316; minimum grade of "C"

This course provides an in-depth look at current enterprise level technologies used for standardized business-to-business communication among client-server applications using Internet Services technologies. It covers modern technologies used as well as new and rising technologies. Due to the particularly dynamic nature of Internet technologies, course content will change as appropriate.

**CSCI 416 *AITE Capstone*** 3 hours

Prerequisite: CSCI 405; minimum grade of "C"

This course is the capstone course. The student will learn to work in teams in the programming of their capstone project. The teams will give both written and oral presentations to their clients.

**COMPUTER SCIENCES AND INFORMATION SCIENCES****CSIS 352 System Administration** 3 hours

Prerequisite: BMIS 320

Principles of system administration activities, applications, operating systems, and domains; analysis of computing applications, infrastructures, architectures, firmware, hardware, disaster recovery, security, and enterprise deployment.

**CSIS 354 Integrative Programming and Technologies** 3 hours

Prerequisite: BMIS 320

Examines the integration of systems and applications across global businesses; explores programming interfaces, data mapping and exchange, scripting, and programming languages to support the configuration, maintenance, integration, and security of systems.

**CSIS 465 Enterprise Systems and Integration** 3 hours

Prerequisite: CSIS 352 and CSIS 354

Information technology capstone course converses by focusing on a sequence of projects that designs and builds systems and integrates them into a global business; emphasizes IT project management, enterprise architecture, business requirement analysis, system modeling, acquisition, testing, deployment, and quality assurance.

**CONVERSATIONAL CHINESE****CSMA 101 Conversational Chinese I** 3 hours

An introductory course designed to develop practical conversational Mandarin Chinese skills. Intended for students with no previous Chinese training and/or experience.

**CSMA 102 Conversational Chinese II** 3 hours

Prerequisite: CSMA 101

This course will further the objectives of CSMA 101 by expanding students' practical conversational skills.

**CSMA 103 Conversational Chinese III** 3 hours

Prerequisite: CSMA 102

This course will further the objectives of CSMA 102 by expanding students' practical conversation skills.

**CONVERSATIONAL SPANISH****CSPA 101 Conversational Spanish I** 3 hours

An introductory course designed to develop practical conversational Spanish skills. Intended for students whose first language is not Spanish and/or have no previous Spanish training and/or experience.

**CSPA 102 Conversational Spanish II** 3 hours

Prerequisite: CSPA 101

This course will further the objectives of CSPA 101 by expanding students' practical conversational skills. Intended for students whose first language is not Spanish but who have previous Spanish training and/or experience through CSPA 101.

**CSPA 103 Conversational Spanish III** 3 hours

Prerequisite: CSPA 102

This course is a continuation of Conversational Spanish 101 and 102, with an increased focus on grammar and vocabulary supporting practical conversational skills. Intended for students whose first language is not Spanish but who have previous Spanish training and/or experience through CSPA 102.

**CULTURAL STUDIES****CSTU 101 Western Culture** 3 hours

A survey course which concentrates on the development of Western Culture. It is an integrated study of the visual arts, drama and music, and the discipline of philosophy that permeates all the arts. (Formerly HUMN 101)

**CSTU 102 The Humanities Abroad** 3 hours

This course surveys the development of western culture (including its legacy of art, architecture, music, history, and philosophy) through a structural tour of Europe. Students will participate in directed readings, on-location discussions, and written reflections. Emphasis will be placed on studying the key monuments and values of western culture directly within their historical content. Formerly (HUMN 102)

**CSTU 310 Religion and the Arts in Western Culture** 3 hours

This course explores the web of relationships between religion and the arts throughout the history of Western culture, from biblical times into the postmodern era. Major topics will include: the mutual influences of religion and the arts on each other, how philosophers and theologians have understood the nature of beauty, the place of the visual and performing arts in contemporary Christian faith and practice, and how the arts are an integral component of a biblical worldview.

**CSTU 497 Special Topics in Cultural Studies** 1 to 3 hours

(Formerly HUMN 497)

**ECONOMICS**

(Formerly ECNC)

**ECON 213 Principles of Microeconomics** 3 hours

Free market thought will be evaluated from the Christian perspective. The supply and demand model is used to analyze microeconomic issues including market structures, government regulations, labor market, financial market, and international trade.

**ECON 214 Principles of Macroeconomics** 3 hours

The aggregate supply and demand model is used to analyze macroeconomic problems including business cycles, unemployment, and inflation. Government fiscal and monetary policies that may stabilize the economy are introduced and evaluated. The U.S. financial system and the value of U.S. dollar in the foreign exchange market are covered.

**ECON 350 Classical Economics** 3 hours

This course is open to students who desire to further understand the concepts and tools of economic analysis. Classical Economics will also be investigated from the perspective of the Christian Worldview. Specific topics include examination of the social philosophy of classical economics, classical macroeconomics, classical microeconomics, classical methodology, the classical economists Sismondi and Mill, the mysteries of Marxian economics and finally thoughts on the history of economics.

**SPECIAL EDUCATION****EDSP 360 Learning and Behavior Problems** 3 hours

Prerequisite: PSYC 345 or EDUC 307

The characteristics of children and adolescents, with disabilities in the area of learning and behavior, will be explored with the goal of remediation. This course will further include techniques for dealing with these diverse learners in a variety of settings as well as our Christian mission in providing for all God's children.

**EDSP 367 Introduction to Autism Spectrum Disorders** 3 hours

Prerequisite: PSYC 345

This course provides information on autism and gives the foundation, characteristics and effective strategies and approaches to interventions with an emphasis on school settings.

**EDSP 370 Intervention for Students with Intellectual Disabilities** 3 hours

Prerequisite: PSYC 345 or EDUC 307

This course is a study of the characteristics of children and adolescents with intellectual disabilities (ID). Interventions for working with the individuals in schools, church and community

settings will be addressed as well as preparing adolescents who are ID for transition into adulthood.

**EDSP 377 *Autism: Educational and Theoretical Approaches*** 3 hours

Prerequisite: EDSP 367

This course provides a comprehensive overview of the different educational approaches and therapies available for children and adults on the autism spectrum. The educational and theoretical approaches discussed within this course will help teacher candidates and professionals in the field of autism alike.

**EDSP 410 *Instructional Adaptation for Special Education*** 3 hours

Prerequisite: PSYC 345 or EDUC 307

Teacher candidates will apply intervention strategies for adapting curriculum materials and methods to fit individual needs in various school, church and community settings. Focus will be on students with mild and moderate disabilities.

**EDSP 420 *Current Trends in Special Education*** 3 hours

Prerequisite: PSYC 345 or EDUC 307

This course is designed to expose teacher candidates to a variety of special education related topics including legal/ethical issues, documentation procedures, development of Individual Education Plan (IEP) and IFSP (Individualized Family Service Plans) as well as models of service delivery and collaboration that can be used in school, church and community settings.

**EDUCATION**

**EDUC 200 *Principles of Education*** 3 hours

Students will examine historical, philosophical, legal, and sociological principles of education. Emphasis will be placed on current issues and terminology in the field of education.

**EDUC 205 *Learning Theory and Portfolio Development*** 3 hours

Prerequisite: EDUC 200

An introduction to learning theories, with an emphasis on experiential learning. Here will also be a focus on learning and learning styles, including management and communications profiles. A major part of this course is the preparation of the Professional Development Profile and the Experiential Learning Portfolio.

**EDUC 210 *Early Childhood Education Fundamentals*** 3 hours

Designed to introduce a candidate to the field of early childhood education; an overview of child development and learning, family relationships, assessment of young children, developmentally effective approaches to early childhood education, and how to use content knowledge to build a meaningful curriculum.

**EDUC 215 *Wellness in the Early Childhood Setting*** 3 hours

Designed to introduce a candidate to the issue of wellness in early childhood education; an overview of wellness in the early childhood setting by examining good nutrition, safety, and healthful practices for young children.

**EDUC 298 *Education Practicum*** 3 hours

**EDUC 301 *Instructional Practices for Math Teachers*** 3 hours

Prerequisite: EDUC 205

This course provides professional development for preservice and inservice teachers in mathematics instruction. Students will examine the principles of instruction for number systems, computation, and problem solving and apply theories to classroom settings.

**EDUC 302 *Instructional Practices for Reading Teachers*** 3 hours

Prerequisite: EDUC 205

This course will survey instructional approaches, materials, and media for the teaching of reading. The instruction of phonemic awareness, phonics, vocabulary, comprehension and fluency will be addressed. Attention will be given to creativity and enjoyment in reading.

**EDUC 303 *Instructional Practices for Content Teachers*** 3 hours

Prerequisite: EDUC 205

This course is designed to engage prospective and currently licensed teachers in how to apply principles of cognitive science in their classrooms. It is intended for a content methods class to assist new teachers and returning teachers in the process of planning what to teach, how to know what to teach, how to reflect on what has been taught, and how to assess whether students learned the concepts taught.

**EDUC 304 *Classroom Management for Teachers*** 3 hours

Prerequisite: EDUC 205

This course will survey instructional approaches, materials, and methods for classroom management. Emphasis will be placed on management styles and the various methods associated with those styles.

**EDUC 305 *Educational Philosophy for Teachers*** 3 hours

Prerequisite: EDUC 205

This course presents the practical role of philosophy in the classroom. Emphasis is placed upon a careful analysis of current religious and education trends, and major philosophies are defined. Students will formulate a personal philosophy and apply that philosophy to their teaching methodology, lesson plan design, and delivery.

**EDUC 306 *Scholarly Writing and APA for Teachers*** 3 hours

Prerequisite: EDUC 205, ENGL 101, 102

This course provides professional development for preservice and inservice teachers in professional writing skills. Students will examine the principles of form, structure, grammars, and format.

**EDUC 307 *Instructional Practices for Differentiated Instruction*** 3 hours

Prerequisite: EDUC 205

This course provides professional development for preservice and inservice teachers in differentiated instruction.

**EDUC 380 *Current Issues in Education*** 3 hours

Prerequisites: EDUC 200 and 210. This is the capstone course. It should be the last course taken.

An examination of current issues in the field of education with classroom implications and case study.

**EDUC 390 *Teaching Practicum*** 3 hours

Prerequisite: EDUC 205

A supervised field experience related to the field of education. May be repeated to a maximum of six hours.

**ENGLISH LEARNING INSTITUTE**

**ELIO 101 *Basic English I*** 0 hours

This is an introductory course to English learners at the novice level. With an emphasis on practical vocabulary acquisition, pronunciation and basic conversational skills, the course builds the foundational language proficiency needed for further reading, writing and speaking studies in English.

**ELIO 102 *Basic English II*** 0 hours

Prerequisite: Successful completion of ELIO 101

This is a continuation of Basic English I, for learners at the novice-mid level. with an emphasis on strategic vocabulary acquisition, pronunciation and conversational skills, this course increases fluency and accuracy for every day English communication.

**ELIO 110 *Conversational English I*** 0 hours

Prerequisite: Successful completion of ELIO 102 or ITEP score of 2.0 or higher

This course is designed for novice-high learners. The course focuses on practical grammar, strategic vocabulary acquisition and the listening and speaking skills needed to live and work in an English-speaking environment.

**ELIO 111 *Conversational English II*** 0 hours

Prerequisite: Successful completion of ELIO 110

This course is designed for novice-high learners. The course focuses on practical grammar, strategic vocabulary acquisition and the listening and speaking skills needed to live and work in an English-speaking environment.

**ELIO 201 *Intermediate Listening and Speaking I*** 0 hours

Prerequisite: Successful completion of ELIO 111, 202 or ITEP score of 2.5 or higher

This course is designed for intermediate-mid learners. With emphasis on vocabulary development, listening strategies, and note-taking skills, the course lays a foundation for students to listen to lectures and participate in classroom discussion in an English-medium environment.

**ELIO 202 *Intermediate Reading and Writing I*** 0 hours

Prerequisite: Successful completion of ELIO 111, 201 or ITEP score of 2.5 or higher

This course is a continuation of Intermediate Listening and Speaking I, designed for intermediate-mid learners. With emphasis on vocabulary development, reading strategies, and explicit grammar and structure instruction, the course lays a foundation for students to read and write academic English content.

**ELIO 210 *Intermediate Listening and Speaking II*** 0 hours

Prerequisite: Successful completion of ELIO 201, 202, Successful completion of 211 or ITEP score of 3.0 or higher

This course is designed for intermediate-high learners. With emphasis on vocabulary development, listening strategies, and note-taking skills, the course prepares students to listen to lectures and participate in classroom discussion in an English-medium environment.

**ELIO 211 *Intermediate Reading and Writing II*** 0 hours

Prerequisite: Successful completion of ELIO 201, 202, Successful completion of 210 or ITEP score of 3.0 or higher

This course is a continuation of Intermediate Listening and Speaking II, designed for intermediate-high learners. With emphasis on vocabulary development, reading strategies, and explicit grammar and structure instruction, the course prepares students for reading and writing academic English content.

**ENGLISH**

**ENGL 100 *Basic Composition*** 3 hours

Prerequisite: CLST 113

This course focuses on proficiency in grammar, paragraph development, writing basic essays, and the writing process in general. A minimum of three paragraphs and three essays will be required. ENGL 100 does not meet the general education requirements in English but does offer three elective credits.

**ENGL 101 *Composition and Rhetoric*** 3 hours

Prerequisite: ENGL 100 (minimum grade of “C”) or advanced standing on the placement test.

Through the critical engagement of a variety of texts, including written, oral, and visual, this course prepares students to become careful readers, critical thinkers, and skilled writers. Drawing upon rhetorical theory, it emphasizes the practices of analytical reading, informed reasoning, effective writing, and sound argumentation. The course requires 4,000 words of writing in no fewer than five writing projects.

**ENGL 102 *Composition and Literature*** 3 hours

Prerequisite: ENGL 101 or advanced standing on the placement test

Continues the emphasis on writing. Two analytical papers, based upon studies of the short story, poetry and drama and a research paper, sequentially developed, are required.

**ENGL 103 *Technical Communication for the Professions*** 3 hours

Technical communication refers to all communication done on the job, and this course has been designed for those individuals who seek an associate’s degree and wish to communicate effectively in their chosen professional field. The instructor will focus on on-the-job communication, including written documents such as résumés and cover letters to get job interviews.

**ENGL 201 *American Literature I*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or equivalent

A survey from the early Colonial period through the American Renaissance. Two critical papers are required.

**ENGL 202 *American Literature II*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or equivalent

A survey of American literature following the American Renaissance. Two critical papers are required.

**ENGL 215 *English Literature I*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or equivalent

A survey of English literature from its beginning to 1660. Two critical papers are required.

**ENGL 216 *English Literature II*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or advanced standing on the placement test

A survey of English Literature from 1660 to the present. Two critical papers are required.

**ENGL 221 *World Literature I*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or equivalent

A survey of Western Literature from the beginnings through the Renaissance period. Two critical papers are required.

**ENGL 222 *World Literature II*** 3 hours

Prerequisites: ENGL 101; ENGL 102 or equivalent

A survey of Western literature from the Neo-classical period through the present. Two critical papers are required.

**ENGL 322 *Shakespeare*** 3 hours

A study of the principal plays of Shakespeare read in the light of the dramatic and literary background of his time. Research paper required.

**ENGL 333 *Modern Grammar*** 3 hours

A course emphasizing the nature, structure and modifications of the English language with emphasis upon traditional, structural and generative-transformational grammars.

**ENGL 341 *American Realism and Naturalism*** 3 hours

A study of the major writers of American Realism and Naturalism (1865-1930): Twain, James, Chopin, Crane, Dreiser and others. Research paper required.

**ENGL 350 *Advanced Expository Writing*** 3 hours

Instruction in the principles of expository and persuasive writing with emphasis on logic and style. Research paper required.

**ENGL 460 *Christian Literature*** 3 hours

This is a survey of literary works representing 2,000 years of Christian history. The course covers a broadly defined range of Literature that either serves or is shaped by the Christian worldview. The survey begins with the patristic writers of the early church, then turns to the medieval mystics, the reformers, neoclassicists, romantics and moderns, and ends with the dawn of the postmodern period. In addition, the course will include supplemental reading that will assist students in developing a distinctly Christian poetic and aesthetic: a biblical approach to reading, writing, and appreciating literature and all forms of art. Research paper required.

**ENVIRONMENTAL SCIENCE****ENVR 320 *Environment and Sustainability*** 3 hours

Prerequisites: BIOL 101 and PHSC 210

This course surveys the major components of ecosystems and the structure and dynamics of populations and communities. These components are then integrated and applied from a sustainability perspective to environmental issues including human population growth, land, water and air resource management and use, conservation of biodiversity and energy sources and use.

**ENVR 330 *Energy Resources and Efficiencies*** 3 hours

Prerequisites: BIOL 317 or 225 or ENVR 215 or 320 with a grade of "C" or better

An analysis of the various sources of energy (both fossil and renewable) utilized by modern societies, including the means by which these sources are acquired, produced, distributed, and consumed. Includes a survey of methods by which user-end efficiencies and/or alternatives can reduce the amount of energy consumed.

**ENVR 350 *Environmental Science and Policy*** 3 hours

Prerequisite: BIOL 225 or 317 or ENVR 215 or 320 with a grade of "C" or better or permission of the instructor.

This course will investigate the scientific and policy-based aspects of several controversial environmental issues as well as their impacts on businesses and private citizens. It will present multiple perspectives for each issue and will take a debate-style format that stimulates student interest and develops critical thinking skills. Readings and discussions will focus on the interplay between scientific results and the policies proceeding from them including the appropriateness of such policies.

**ENVR 370 *Geographic Information Systems (GIS)*** 3 hours

Prerequisites: PHSC 210/211 or ENVR 220/221

This course is designed to provide practical experience in spatial database design and analysis using Geographical Information System (GIS) as applied primarily to the environmental sciences. Topics include: the history of GIS; GIS data structures and sources of data; GIS tools; software applications; and resources. Exercises include: spatial data display and query; map generation; and simple spatial analysis using ArcGIS software.

**ETHNOMUSICOLOGY****ETHM 411 *Music and World Cultures*** 3 hours

A comprehensive overview of cultural traditions, belief systems, and practices of world cultures as approached through the study and analysis of the music of ethnic groups.

**EVANGELISM****EVAN 101 *Evangelism and the Christian Life*** 2 or 3 hours

An in-depth study of how to lead people to Christ. Special attention will be given to the theology of all aspects of evangelism including the follow-up. Various methods of approach and presentation will be considered. Emphasis will be placed on evangelism and the local church for conservation of results.

**EVAN 201 *Preparation for Personal Evangelism*** 3 hours

Prerequisites: EVAN 101

This course is designed to build upon the student's knowledge and understanding of personal evangelism by exploring three essential foundational areas: the content of the gospel, the fall of man, and the Great Commission as assigned by the Lord Jesus Christ.

**EVAN 220 *Effective Message Preparation in Evangelism*** 3 hours

Prerequisites: EVAN 101 and 201

This course presents valuable insights on presenting the timeless message of the death, burial, and resurrection of Jesus Christ and calling for a response of repentance and faith.

**EVAN 301 *Evangelism and the Work of the Holy Spirit*** 3 hours

Prerequisites: EVAN 101, 201, and 220

This course explores the importance of sharing the Gospel message through the power that God has made available to us. This power is demonstrated through three sources: prayer, the Holy Spirit, and the resources given for spiritual battle.

**EVAN 401 *Discipleship in Evangelism*** 3 hours

Prerequisites: EVAN 101, 201, 220, and 301

This course examines the principles necessary for building an evangelistic ministry that lasts. We will explore the importance of the Scriptures in evangelism, how to encourage a new believer, and the spiritual gift and calling of the evangelist.

**FRESHMAN SEMINAR****FRSM 101 *New Student Seminar*** 0 hour

Designed to facilitate academic, spiritual and social development, the understanding of Judeo-Christian ethics and values within a Christian university setting and provide interaction between faculty and students which establishes high academic expectations.

**GENERAL EDUCATION****GEED 205 *Learning Theory and Portfolio Development*** 3 hours

This course prepares students for the portfolio assessment process at Liberty University, which follows the standards of assessment established by CAEL (Council for Adult and Experiential Learning). Students will be able to apply learning theory to their experiential learning experiences. Upon completion of the course, students will be prepared to submit a portfolio and petition for college credit.

**GEOGRAPHY****GEOG 200 *Introduction to Geography*** 3 hours

An introduction course in the physical and cultural phenomena of the earth, stressing spatial distribution of these phenomena.

**GLOBAL STUDIES****GLST 200 *Introduction to Global Studies*** 3 hours

This course is an introduction to understanding the history, principles and foundations of global engagement. Additionally, this course lays the groundwork for an intercultural career and provides principles for engaging the current global environment.

**GLST 220 *Intercultural Communication and Engagement*** 3 hours

This course will take a close look at behaviors and core values of North American culture, identify areas where these values are barriers to effective intercultural communication and explore principles for effective engagement in another culture.

**GLST 290 *Cultural Anthropology*** 3 hours

This course will study systems of human behavior and thought for the purpose of improving understanding of and relationships between people. Several case studies will be used to illustrate these systems. (Formerly ICST 300)

**GLST 385 Career Preparation for Global Workers** 3 hours

Prerequisites: GLST 200, 220, 290

This course will help guide potential global professionals step-by-step through the process of pursuing an intercultural career. Topics will include: preparation for the field internship experience, partnership development, various intercultural organizations and their pros and cons, and intercultural relationship issues.

**GLST 499 Global Studies Internship** 3 to 6 hours

Prerequisites: GLST 200, 220, 290, 385 for Global Studies Majors

This course is a field experience under the supervision of a qualified individual currently working in an intercultural career. It is a required experience for Global Studies majors and is available to Global Studies minors and students in other courses of study. Students must apply through the Center for Global Engagement at least two semesters prior to the internship.

**GOVERNMENT**

**NOTE:** GOVT 200 is a prerequisite for all upper level government courses.

**GOVT 200 Constitutional Government and Free Enterprise** 3 hours

Diverse introduction to political and economic ideas, government institutions, free market processes, public issues, economic policy and political and economic activity, emphasizing the close relationship between a system of limited constitutional government and the free enterprise economy and providing an overview of the Christian worldview with regard to government and economics.

**GOVT 215 Logic and Legal Reasoning** 3 hours

Prerequisite: GOVT 200

This course introduces pre-law students to the role of basic deductive and inductive logic in the context of legal reasoning, including the application of legal rules and the application of precedents. This course is ideal for students who plan to attend law school. It will explain the basic logic involved in the LSAT exam, as well as introduce students to the types of reasoning and argumentation encountered in the study of law.

**GOVT 220 American Government** 3 hours

The issues, interest and institutions of American politics, emphasizing the struggle between liberalism and conservatism.

**GOVT 230 Public Policy Research and Writing** 3 hours

Prerequisite: GOVT 200

This course will introduce students to the strategies, methods and practices of research and writing relevant to public policy analysis, formulation and decision making.

**GOVT 280 Undergraduate Torts** 3 hours

Prerequisite: GOVT 200

Students will examine the parameters of tort law and learn how to analyze and apply principles of tort law. Through readings, lectures, discussions and individual research each student will analyze how American jurisprudence assigns social duties, assesses damages, and determines the distribution of burdens for the risks of harm to include; when a court should award money from one party to another for intentional acts, for negligent acts, and for certain non-negligent acts.

**GOVT 302 Modern Political and Economic Ideas** 3 hours

Survey of political and economic thought since the 16th century including the Christian influence in the development of modern Western freedom and justice. Emphasis will be placed on the emergence and scope of the disciplines of economics, political science, public administration and public policy.

**GOVT 320 American Executive Processes /Institutions** 3 hours

The office and legal powers of government executives, especially the President, including trends in the Presidency during periods of conservative and liberal dominance.

**GOVT 322 American Legislative System** 3 hours

The U.S. Congress and state legislatures, their powers and organization, and how liberal and conservative forces exert influence through lobbying and elections.

**GOVT 327 State and Local Government** 3 hours

Issues, interest and institutions of American state and local government in the framework of federalism.

**GOVT 328 American Political Processes** 3 hours

A study of the electoral process in American and the organizations such as political parties and interest groups that influence it. Topics included are political campaigns, electoral laws, voting behavior, and the development of political parties and interest groups. In election years, students are encouraged to participate in the campaign of the party of their choice.

**GOVT 329 American Exceptionalism** 3 hours

This course introduces the student to the idea of “American Exceptionalism” – the notion that the United States of America has played and continues to play a key role in advancing justice and freedom throughout the world. The course examines the unique biblical foundation of American government and politics which in turn has made America a bastion of liberty and freedom. In turn, America’s impact on world politics and history is discussed. Students will also be challenged to thoughtfully examine ways in which America has not lived up to its highest ideals and to formulate strategies for ensuring that America stays on course to uniquely support liberty and freedom throughout the world.

**GOVT 330 Introduction to Comparative Politics** 3 hours

An introduction to a variety of concepts and approaches to the study of the domestic politics of other countries.

**GOVT 345 Jurisprudence** 3 hours

An introduction to law and philosophy of law, including categories of law, some legal terminology, justice, liberty, crime and punishment.

**GOVT 346 Legal Research and Writing** 3 hours

An overview for the pre-law student of legal research methods and legal writing. Attention will be given to online and traditional avenues of legal research, as well as standard formats for case briefs, IRAC, Bluebooking, formal legal memoranda, synthesizing cases, and the principles of statutory construction. The course requires a major legal research paper.

**GOVT 348 Constitutional Studies – The 2<sup>nd</sup> Amendment: The Right to Keep and Bear Arms** 3 hours

Prerequisite: GOVT 200

This course introduces the student to the historical and constitutional foundation for the 2nd Amendment. Biblical principles such as inalienable rights, justice, and the right to self-defense are discussed. Finally, students will be educated in the full range of rights associated with the 2nd Amendment, and how those rights have been undermined in today’s political arena. (Available Spring 2015)

**GOVT 350 Political Economy and Public Policy** 3 hours

Application of social ethics and economic theory to government, politics, social institutions, law and public policy questions. Topics include the role of a worldview in public policy, the role of civil government versus the role of the market, constitutional and legal decision-making, the morality of capitalism, the problems of special interest groups and public bureaucracies, the theory of regulation and specific public policy issues.

**GOVT 360 Introduction to Public Administration** 3 hours

An introduction to the history and theory of public administration. These ideas will be applied within a variety of public institutional contexts.

**GOVT 376 Resilient Nations** 3 hours

Prerequisite: GOVT 200

A broadly applicable, foundational study of resilience applied to the life of nations, with particular focus on the USA. Topics include God's intent for nations, spiritual infrastructure as an element of national power, an in-depth assessment of American spiritual infrastructure, and personal and policy considerations pertaining to life, liberty, pursuit of happiness, and major spheres of cultural influence. (*Available Spring 2015*)

**GOVT 380 Introduction to Intelligence** 3 hours

An upper-division introduction to the field of intelligence and the Intelligence Community, and how it all works within the framework of the Department of Homeland Security.

**GOVT 381 Intelligence Analysis** 3 hours

An upper-division course studying field of intelligence analysis to give students a basic understanding of what it takes to be an analyst within the Intelligence Community. The course looks at some classic intelligence failures as well as some of the unpublished successes.

**GOVT 421 American Constitutional History** 3 hours

A survey of American constitutional development from British and colonial origins to the present, emphasizing the history of the Supreme Court and the development of the constitutional framework.

**GOVT 422 American Constitutional Law** 3 hours

Prerequisite: GOVT 421

An in-depth historical analysis of American constitutional law, emphasizing landmark Supreme Court decisions, especially in the field of civil liberties.

**GOVT 425 American Foreign Policy** 3 hours

A course on U.S. Foreign policy since 1945. Emphasis is not on a detailed examination of events but rather on the practical use of history for public policy-making and management.

**GOVT 462 Public Finance and Budgeting** 3 hours

Fiscal and military policy, taxation and the budget process in government.

**GOVT 470 Government Regulation of Business** 3 hours

The sources and impact of various forms of government intervention in the private business sector, including the economic effects of regulation, the legal functions of various agencies, and rulemaking and regulatory powers and limitations of government administrative agencies.

**GOVT 475 Advanced Public Administration** 3 hours

This course is a synthesis course for government majors. The course will apply and integrate broad concepts including the application of economic theory, management theory, administrative law, and political theory in the resolution of public sector management cases.

**GOVT 476 Persuasive Argumentation for Lawyers** 3 hours

Prerequisite: GOVT 346

This course will introduce undergraduate students to the basic principles and skills of advocacy in the American courtroom. Students will study principles of analysis, reasoning, evidence, organization and presentation needed to develop and offer legal arguments. The course will cover both pre-court preparation of legal arguments as well as the skills of identifying evidential issues and then creating persuasive arguments to support legal theories.

**GOVT 480 Terrorism** 3 hours

A cross-disciplinary study of terrorism as a form of organized political violence; its intellectual, cultural, political, and religious roots; and its uses in ethnic, sectarian, and international conflicts.

**GOVT 481 Counter-Terrorism** 3 hours

Prerequisite: GOVT 480

This course will evaluate the main aspects of the war on terror. The course will focus on dilemmas relating to intelligence gathering, offensive and defensive actions taken against terrorist organizations, civil liberties and media coverage, and the strategies and approaches for combating terrorism.

**GOVT 483 Military Intelligence** 3 hours

An upper-division study of tactical military intelligence and the related military branch intelligence agencies as well as the Defense Intelligence Agency.

**GOVT 484 Strategic Intelligence** 3 hours

An upper-division course studying the concept of Strategic Intelligence, including the concept of fourth generation warfare, from the standpoint of the various intelligence agencies, the Department of State, and the Department of Defense.

**GOVT 490 Political Theory** 3 hours

A critical examination of a variety of philosophical and social science methods that seek to explain and evaluate: political systems, behavior, ideologies, and collective decision-making. Special attention will be given to the political heritage of western/American civilization and the internal and external challenges it faces.

**GOVT 492 Senior Seminar** 3 hours

Prerequisite: Senior Standing or at least 21 upper division hours in Government

The capstone course in Government provides – in the context of a biblical Christian worldview – an overview, discussion, and evaluation of leading figures, theories, subfields, and schools of thought within the broad field of political science.

**HISTORY – EUROPEAN**

**HIEU 201 History of Western Civilization I** 3 hours

A survey of the major currents in Western civilization from its beginnings in the ancient Near East to 1648.

**HIEU 202 History of Western Civilization II** 3 hours

A survey of the major currents in Western civilization since 1648.

**HIEU 322 Roman Civilization** 3 hours

Prerequisite: HIEU 201

A history of the Roman state and culture from Romulus to Justinian, emphasizing territorial expansion, the republic, the Roman revolution, maintenance of autocracy, the thrust of Christianity into the Roman world, the fall of the empire and the heirs of Rome.

**HIEU 390 Modern Europe** 3 hours

Prerequisite: HIEU 202 or 380

The political, military, social, economic and intellectual developments in selected European countries from 1914 through 1945 will be analyzed. Topics include: causes of WWI; the Versailles Peace Conference; rise of Fascism and Communism; origins of World War II; the war; the holocaust; and end of WWII, setting the stage for the Cold War.

**HIEU 425 The French Revolution and the Napoleonic Era** 3 hours

Prerequisite: HIEU 201

This course will provide an in-depth study of the era of the French Revolution and the Napoleonic Empire, focusing on political, military, intellectual, and economic developments.

**HIEU 466 Renaissance and Reformation Europe** 3 hours

Prerequisite: HIEU 201

An integrative study of Europe during the years 1450-1650; developments in literature, art, architecture, music, religion, political structures, and foundations for modern western culture. (Formerly HIEU 366)

**HISTORY – RESEARCH AND METHODS****HIST 101** *American History Orientation* 3 hours

An overview of American history, emphasizing America's Christian heritage, limited and Constitutional government, free markets, and individual freedom and responsibility.

**HIST 300** *Historical Methodology* 3 hours

Prerequisite: HIEU 201, 202, HIUS 221, 222, or 223

An invitation to explore the historical discipline. Students will be grounded in the meaning and interpretation of history, methodology, research techniques and career opportunities. Should be taken no later than the first semester of the junior year.

**HIST 491** *Senior Capstone Seminar* 3 hours

Prerequisites: HIST 300, six hours of upper-level history, Senior Status

This course is a senior level capstone seminar covering historiography, interpretation, research methodologies, Christian worldview approaches, vocational opportunities, and assessment.

**HISTORY – UNITED STATES****HIUS 221** *Survey of American History I* 3 hours

A survey of the political, social and economic developments of America from the colonizing experience through the Civil War with emphasis on the development of the American democratic tradition.

**HIUS 222** *Survey of American History II* 3 hours

A survey of American history from Reconstruction to the present, stressing interpretation and analysis of major eras and trends.

**HIUS 223** *Survey of American History I On Site* 3 hours

A survey of the political, social, and economic developments of America from the colonizing experience through the Civil War with emphasis on the development of the American democratic tradition. The delivery of this course will include online assignments and a study trip.

**HIUS 360** *American Economic History* 3 hours

Prerequisite: HIUS 221, 222, or 223

The growth of the American economy from the 18<sup>th</sup> century to the present. The interaction between government, business and labor will be analyzed with emphasis on the development of the modern business corporation.

**HIUS 380** *Modern American Military History* 3 hours

An in-depth study of United States military history in the 20th century. (Formerly HIUS 480)

**HIUS 420** *Civil War and Reconstruction* 3 hours

Prerequisite: HIUS 221 or 223

A study of the political and social disintegration of the 1850s; the causes and nature of the Civil War; the crises during Reconstruction.

**HISTORY – WORLD****HIWD 320** *History of Africa* 3 hours

Prerequisite: HIEU 201, 202, HIUS 221, 222, or 223

A comprehensive survey of African history.

**HIWD 370** *Comparative Civilization* 3 hours

Prerequisite: Junior status

A comparative study of selected world civilizations with attention to the interaction with the West and the dynamics of cultural change. (Formerly HIWD 470)

**HIWD 375** *Korean and Vietnam Wars* 3 hours

The course examines military conflicts in Korea and Vietnam throughout history, with an emphasis on the Korean and Vietnam Wars of the 20th Century. Focus is placed on American strategy, operations and tactics in both wars.

**HEALTH****HLTH 105** *Introduction to the Health Professions* 3 hours

A survey of the health professions and requirements for educational, job and market demands in selected health careers, including health promotion philosophy, goals, history and development.

**HLTH 211** *Applied Anatomy and Physiology I for Associate Programs* 3 hours

An examination of the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The Course employs virtual interactive cadaver dissection technology. The following topics are covered: introduction to the human body, organization of the body, the blood, the cardiovascular system, the lymphatic system, the nervous system, the special senses, the endocrine system, and the respiratory system.

**HLTH 212** *Applied Anatomy and Physiology II for Associate Programs* 3 hours

A continuation of HLTH 211 that examines the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course employs virtual interactive cadaver dissection technology. The following topics are covered: the digestive system, the urinary system, the skin, the musculoskeletal system, and the reproductive system.

**HLTH 221** *Applied Human Anatomy and Physiology I* 3 hours

Prerequisite: Students must be enrolled in the Health Sciences Certificate

An examination of the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to the human body; the chemistry of life; the cells, tissues, and organization of the body; the blood; the cardiovascular system; the lymphatic system; the nervous system; the special senses; the endocrine system; and the respiratory system.

**HLTH 222** *Applied Human Anatomy and Physiology II* 3 hours

Prerequisite: HLTH 221; students must be enrolled in the Health Sciences Certificate

A continuation of HLTH 221 that examines the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to nutrition; the digestive system; the urinary system; the skin; resistance and immunity; the musculoskeletal system; introduction to genetics; and the reproductive systems.

**HLTH 252** *Drugs in Society* 3 hours

An examination of alcohol, tobacco and other drugs effects upon individual, school and community.

**HLTH 330** *Human Nutrition* 3 hours

Prerequisites: Biology or chemistry course

Chemical structure, function, digestion, metabolism and biochemical interrelationships of nutrients relating to life cycle, current issues and diet selection.

**HLTH 349** *Public and Community Health for Business* 3 hours

This course is an introduction to public and community health issues and problems at the local, state and national levels oriented toward business professionals.

**HLTH 380** *Health Promotion for Aging Populations* 3 hours

The study of the process of aging and the interrelationships among the five dimensions of health as they relate to aging. Emphasis is placed on health promotion and disease prevention at all ages as the path to living a full life in later years.



**HLTH 419 Wellness and Behavior Change Theories for Business** 3 hours

This course includes a study of theory and practice of wellness behavioral change that can be translated into the business arena. Organizational and individual intervention techniques for health promotion, marketing and general communication campaigns will be emphasized.

**HLTH 491 Grantsmanship** 3 hours

An introduction to the world of public, corporate and private foundations. Topic research, organizational communications, protocol, budget development and grant writing are emphasized skill areas.

**INDIVIDUALIZED/INTERDISCIPLINARY STUDIES****INDS 400 Knowledge Synthesis for Professional and Personal Development** 3 hours

Prerequisite: Senior standing

Designed to assess student mastery of content knowledge for the Individualized Studies and Interdisciplinary Studies degree programs, this capstone course requires students to produce a carefully organized summation and synthesis of accomplishments, learning, and goals related to their undergraduate degree program at Liberty University. Throughout this process, students will discover a greater understanding of transferable skills and qualifications and how these relate to career opportunities and/or graduate school respectively.

**INFORMATICS****INFO 305 Quality Management and Decision Support** 3 hours

Prerequisite: BMIS 200

Explores the quality of patient care, quality management techniques and related decision-support practices; evaluates the impact of Computerized Provider Order Entry (CPOE) on the quality, safety, and efficiency of health care data will be explored' decision modeling techniques, incorporating comparative analysis, simulation, optimization, and decision analysis designed to increase the efficiency and effectiveness of decision support within the healthcare system.

**INFO 310 Foundations of Pharmacology** 3 hours

Prerequisite: NURS 105 and INFO 305

Foundational view of the relationship between pharmacologic and pharmacokinetic knowledge; safe administration of medication; emphasis on the reasoning behind the selection of route, dosage, and dosing schedules of medications provided to patients across their lifespan; legal and professional issues surrounding the safe administration of medication.

**INFO 320 Healthcare Informatics** 3 hours

Prerequisite: INFO 305

Evaluates the needs of end users within the healthcare system; multi-phase project planning, evaluation, adoption, and management of new technologies centered on effectively and efficiently exchanging electronic health information; evaluation of medical practice workflows and exploration of the functional needs of end-users while analyzing the fiscal and human resource commitments needed in diverse settings.

**INFO 321 Healthcare Coding and Classification** 3 hours

Prerequisite: INFO 305 and INFO 320

Development of coding and classification systems; analysis of the structure and organization of the medical coding functions within the healthcare system; emphasizing the importance on ICD and CPT coding considerations, process evaluation and improvement, billing reimbursement, and related reporting issues central to effective and efficient operation and compliance.

**INFO 405 Informatics Information Systems** 3 hours

Prerequisite: BMIS 200

An examination of expert, bio, and clinical decision support systems and technology; management of data in database management systems; data mining; informatics systems analysis, design, and implementation.

**INFO 410 Healthcare Enterprise Systems** 3 hours

Prerequisite: BMIS 200 and INFO 305

Healthcare enterprise architecture planning, methodology, and frameworks; medical classification and coding systems including electronic health record system design and implementation.

**INFORMATION TECHNOLOGY****INFT 101 Instructional Technology for Successful Online Learning** 3 hours

Designed to equip students for success as they transition into the online classroom, this course offers strategic information tailored to ensure academic excellence in this unique learning environment; this information includes Liberty University's foundations and beliefs, Liberty University Online resources for success, Blackboard navigation techniques, time management strategies, the adult learner's responsibilities, methods for identifying and avoiding academic misconduct, scholarly research tactics, and approaches for selecting the appropriate courses towards completion of the preferred degree program.

NOTE: Waived without appeal/exception for all students when one or more of the following are met:

1. Accredited college transcript on file indicating a conferred AA or higher.
2. 60 official transfer hours.
3. Resident LU student transferring to LUO without breaking enrollment (resident breaking enrollment rules not LUO) and has taken GNED/BWVW 101.
4. 90+ credits on unofficial transcripts.
5. Student has broken enrollment from LUO within the last three catalog years.

**INFT 102 PowerPoint®** 1 hour

An introduction to the basics of Microsoft® PowerPoint which includes creating and editing presentations, slide design, layout, transitions and animation. Topics including tables, pictures, Word Art and charts will be included in the course.

**INFT 103 Excel®** 1 hour

An introduction to the basics of Microsoft® Excel which includes creating and analyzing data through the use of performing calculations and various formulas. Topics include entering data in a cell, constructing formulas, formatting worksheets, using the SUM function and creating charts based on data from the spreadsheet.

**INFT 104 Word®** 1 hour

An introduction to the basics of Microsoft® Word which includes creating professional documents, editing and formatting documents and generating reports. Topics include inserting text, graphics and tables as well as modifying text boxes, tabs and general paragraph alignment.

**INFT 105 Introduction to Information Literacy** 1 hour

An introduction to the information literacy skills and resources needed for academic research and lifelong learning. Students will learn to identify, assess, organize, and report information responsibly, including library print and electronic materials as well as web resources.

**INFT 110 Computer Concepts and Applications** 3 hours

This course will introduce the student to the operation and use of computers. Specific applications taught include operating systems, word processing, spreadsheets, and presentation software. In addition, students will learn basic terminology and concepts related to the use of computers in today's society.

**JOURNALISM****JOUR 225 Media Writing** 3 hours

Prerequisites: SCOM 110 &amp; SCOM 220

This course provides a survey of mass communication media formats and writing techniques from news for print and broadcast, to advertising and public relations. The course is designed to enhance the appreciation of the mass communication professional as well as provide an understanding of the basic techniques used by the professional to inform and/or persuade audiences. Students will write news stories, produce copy for broadcast news, create an advertising package, and develop a public service announcement. (Formerly COMS 220)

**LIFE COACHING****LIFC 201 Introduction to Life Coaching** 3 hours

Prerequisite: PSYC 101 or 210

Offers an introduction to professional coaching from a Christian worldview with special attention given to coaching theories, practice, skills, and various coaching specialties. This will include an overview of common client presenting issues.

**LIFC 202 Advanced Skills in Life Coaching** 3 hours

Prerequisite: PSYC 101 or 210

An examination of the requisite skills, theoretical coaching models, and goals needed to become proficient and successful as a life coach. The course offers an overview of advanced skills and their application in professional life coaching relationships.

**LIFC 301 Health and Wellness Coaching** 3 hours

Prerequisite: PSYC 101 or 210

An examination and analysis of professional coaching applications that serve health and wellness concerns. The course covers health and wellness from a Christian worldview with special attention given to a biblical foundation of health and wellness coaching.

**LIFC 302 Marriage Coaching** 3 hours

Prerequisite: PSYC 101 or 210

An examination and analysis of professional coaching applications that serve marital relationship concerns. The course covers marital issues from a Christian worldview with special attention given to a biblical foundation of marriage coaching and differences between coaching and counseling models.

**LIFC 303 Financial Life Coaching** 3 hours

Prerequisite: PSYC 101 or 210

An examination and analysis of professional coaching strategies that serve financial concerns providing a focused overview, from a Christian worldview, of personal financial strategies addressing spending, debt, investing and taxes.

**LIFC 304 Leadership Professional Life Coaching** 3 hours

Prerequisite: PSYC 101 or 210

An examination and analysis of coaching strategies that serves professional leadership concerns. Special attention will be given to leadership strategies for navigating project management, cultural awareness, inter-generational issues, and balancing work and home life.

**MATHEMATICS****MATH 100 Fundamentals of Mathematics** 3 hours

A review of basic arithmetic and elementary algebra. Open to all students but required of students with low scores on Liberty University placement tests and inadequate preparation in mathematics. A grade of C or better is required in order to go on to a higher-numbered mathematics course. This course may not be used in meeting General Education requirements in mathematics.

**MATH 110 Intermediate Algebra** 3 hours

Prerequisite: MATH 100

Review of exponents, polynomials, factoring, roots and radicals, graphing, rational expressions, equations and inequalities,

systems of linear equations and problem solving. This course may not be used to meet the General Education requirement.

**(NOTE: MATH 100 and 110 Developmental Math courses are components of the Bruckner Learning Center)**

**MATH 112 Technical Mathematics** 3 hours

Prerequisite: MATH 100, 450+ on SAT Math, or 18+ on ACT Math (same as residential)

Technical Mathematics presents a review of arithmetic, elements of algebra, geometry, trigonometry, and vectors. Direct applications are made to technical study areas. Only fulfills General Education requirements for AAS degrees.

**MATH 115 Mathematics for Liberal Arts** 3 hours

Prerequisite: MATH 110, minimum grade of "C", or equivalent

A survey course for liberal arts majors including a review of algebra and an introduction to logic, probability and statistics, mathematical structure, problem solving, number theory, geometry and consumer applications.

**MATH 121 College Algebra** 3 hours

Prerequisite: MATH 110, minimum grade of "C"

Fundamental concepts of college algebra including sets, equations and inequalities, functions and graphs, polynomials, rational functions, exponential and logarithmic functions, linear inequalities, and linear programming.

**MATH 201 Introduction to Probability and Statistics** 3 hours

Prerequisite: MATH 110, minimum grade of "C", or equivalent

Introduction to descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, chi-square tests, regression analysis, and correlation with applications in business and science.

**MILITARY RESILIENCY****MILT 275 The Resilient Warrior** 3 hours

Prerequisite: PSYC 101 or 210

This course will examine in depth the reality of tribulation and trauma in the lives of military warriors (as well as "warriors" in other marketplaces of life), key definitions and factors related to resilience, and the Resilience Life Cycle™ which addresses the Before, During, After, and Learn & Adapt (feedback) phases of personal resilience and Comprehensive Personal Fitness™.

**MILT 325 Resilient Military Marriage and Family** 3 hours

Prerequisite: MILT 275

This course addresses precepts essential to the development of healthy and resilient military marriages and families. Topics include pre-deployment preparation, deployment, and post-deployment reintegration. Special emphasis is given to the stresses, challenges, and therapeutic needs of military families.

**MILT 375 Military Career and Community Transition** 3 hours

Prerequisite: MILT 275

This course is designed to introduce undergraduate students to the needs and issues facing our veterans as they seek to reintegrate back into family, community, church and career transitions. Students in this class will be challenged to examine these needs and explore avenues of services for veterans. Students will also develop a faith-based program to help meet needs presented by our military veterans.

**MILT 475 Military Mental Health and Behavioral Health** 3 hours

Prerequisite: MILT 275

This course will present an introduction to the assessment and treatment of military mental and behavioral health issues, including Post-traumatic Stress Disorder (PTSD), Traumatic Brain Injury (TBI), and related stressors. Topics to be covered include "best practices" for treating depression, suicidal ideation, addictions, and other prevalent mental and behavioral disorders.

**NURSING****NURS 105 Medical Terminology** 1 hour

This course provides basic understanding of medical terms and abbreviations. Includes study of prefixes, suffixes, word stems, and technical terms with emphasis on proper spelling, pronunciation, and application. Elementary aspects of the nursing process with special emphasis on assessment are incorporated.

**NURS 210 Health Assessment** 3 hours

Prerequisite: RN License in good standing

This course focuses on the development of a body systems approach to health assessment of individuals emphasizing normal growth and developmental responses across the lifespan. Content includes an introduction to the knowledge and skills of health assessment through a variety of methodologies in the classroom, opportunities to practice skills in the nursing laboratory and experiences in the clinical settings. Students apply communication techniques in eliciting comprehensive health histories and perform physical examinations in evaluating health status. NURS 210 is now an optional intensive held on the Liberty University Campus. For those electing to complete the course online; access to assessment tools (otoscope, ophthalmoscope, etc.) is required.

**NURS 215 Pathophysiology** 3 hours

Prerequisite: BIOL 213 and 214; NURS 220; RN License in good standing

The focus of this course is on physiological changes resulting from imbalances in the man-environment interaction throughout the life span. The emphasis is on application of general concepts of adaptation and homeostasis to each of the body's systems and on relationship of these concepts to the practice of clinical nursing. The course provides the student with a scientific knowledge base applicable to the more advanced clinical practice of nursing.

**NURS 220 Advanced Nursing Communication** 3 hours

Prerequisite: RN License in good standing

It is essential that professional nurses have communication skills that are effective in promoting optimal interaction with others in a variety of situations. This course focuses on developing expert communications skills when communicating with other health care providers and patients and when communicating professional information through writing and speaking. (Formerly NURS 350) Offered as an optional on campus intensive.

**NURS 225 Research in Nursing** 3 hours

Prerequisite: NURS 220; RN License in good standing

This course provides an overview of the nursing process including methodology, design and interpretation of findings. It focuses on acquiring the beginning knowledge and skills essential for critical evaluation of research reports as well as guidance in the production of a poster presentation which incorporates evidence based knowledge related to a specific clinical problem.

**NURS 316 Global Health Nursing Field Experience** 3 hours

Prerequisite: Student must be a junior or senior in the Nursing program at Liberty. This includes being enrolled in or having completed all junior-level classes. These classes include: NURS 210, 215, 220 and 225

This course is a nursing elective specifically developed for students that will be going overseas during or immediately after the semester they are taking this course. The student will be tested on their Cultural Intelligence and will be required to create an action plan to increase their areas of strength and grow in areas of weakness. This student will be exposed to the needs, duties, conflicts and cultural barriers of working as a professional nurse in a culture other than their home culture. This class provides the student with an opportunity to examine personal values and beliefs as they are related to health practices of people from other cultures.

**NURS 325 Nursing Concepts** 1 hour

Prerequisite: NURS 220; RN License in good standing

This course is designed to assist the registered nurse student through the transition between basic nursing preparation and a more advanced level of nursing practice. Focus is on concepts and issues related to the professional nurse, the nature and scope of professional nursing and selected theoretical models for nursing practice.

**NURS 440 Strategies for Community Health Care** 5 hours

Prerequisites: NURS 220; RN License in good standing

This course focuses on the application of the nursing process to a population or community group. Emphasis is placed on community assessment process and the development of nursing strategies to assist multi-problem families, considering health on a continuum, throughout the lifespan. Family systems theory, theories of adaptation and educational needs of various populations will be addressed. The clinical focus is on the development of a broader perspective of the nurse's role in a variety of clinical and environmental settings. In addition, the nurse's role on the community health team and an understanding of health care needs of different cultural groups will be studied. (Formerly NURS 350)

**NURS 445 Population Health** 3 hours

Prerequisites: NURS 220; RN License in good standing

This seminar course provides an overview of genetics, genomics, geriatrics, end-of-life care, and cultural sensitivity from a Christian worldview. Through the use of evidence-based practice guidelines, the student will utilize knowledge and skills attained throughout his or her nursing education and apply it to a variety of educational activities. These include Senior Mentor project, interaction with a community specialist panel, evidence-based research, self-reflection, therapeutic communication and critical thinking skills.

**NURS 490 Leadership in Nursing** 3 hours

Prerequisites: NURS 220; RN License in good standing

Benner's work on the novice to expert continuum and the seven domains of nursing will be explored, and students will apply concepts to their own practices, past, present, and future. The leadership roles of the nurse as an individual and a group member while utilizing the Christian principles such as godly character, servant attitude, honesty, and commitment will be emphasized. While caring for groups of patients and individuals, students will explore a variety of content areas including systems theory, professional practice models, care delivery models, nurse sensitive quality indicators, and foundational documents that drive the nursing profession that are relevant to the support of nursing care in the practice setting, the influence of regulatory agencies on the delivery of care, and health policies that affect health care in general. Students are expected to synthesize previously learned knowledge in complex nursing situations and to expand their abilities to use the problem-solving and decision-making processes.

**NURS 491 Nursing Management** 3 hours

Prerequisites: NURS 220; RN License in good standing

This seminar course provides an overview of organizational theory, management theory, and change theory. The course examines nursing staffing patterns, patient care technology, information management, and communication between healthcare providers. Healthcare policies, including financial and regulatory influences are also reviewed. The course uses several techniques such as evidence based research, self-reflection, therapeutic communication, and critical thinking skills to gain understanding in nursing management.

**NURS 492 *Advanced Concepts in Nursing Practice*** 3 hours  
Prerequisites: Completion of all nursing courses; RN license in good standing

This is the capstone course for the RN-BSN program. The student engages in academic endeavors that reflect application, synthesis and evaluation of concepts and nursing issues studied throughout the completion program. Application of educational experience to professional growth and contribution to the nursing profession is emphasized.

### PHILOSOPHY

**NOTE: PHIL 201 is a prerequisite to all PHIL courses**

**PHIL 201 *Philosophy and Contemporary Ideas*** 3 hours

A survey of the major positions and figures in philosophy and the cultural worldviews and practical applications that derive from them, focusing specifically on theism, naturalism and humanism in contemporary thought.

**PHIL 240 *Christian Evidences*** 3 hours

A survey of the evidences for the central truths of Christianity; the existence of God, the deity and resurrection of Christ and the authority and truth of the Bible.

### PHYSICAL SCIENCE

**PHSC 210 *Elements of Earth Science*** 3 hours

A study of the principles of physical and historical geology, oceanography, and meteorology for non-science majors.

**PHSC 211 *Elements of Earth Science Lab*** 1 hour

An optional lab experience to accompany PHSC 210.

### PARALEGAL STUDIES

**PLAW 200 *Introduction to Paralegal Studies*** 3 hours

This course will provide an introduction to the paralegal profession and the role of the paralegal within the law office. This survey course will introduce the student to the American legal system, civil litigation, criminal law and procedure, the appeals process, and substantive legal topics such as tort, contract law, and property law. Students will be taught a variety of administrative skills necessary in a law practice office including legal research, legal vocabulary, critical reading and writing, client interview, investigation, law office administration, and technologies. Legal ethics, professionalism, and biblical worldview will be taught.

**PLAW 205 *Foundations of Law*** 3 hours

An introduction to the theological and philosophical foundations of law, including the Augustinian concept of antithetical thinking; the Creator/creature distinction; the development of higher/natural law thinking; the basis for the distinction between the judicial and prudential methods of analysis; the origins and jurisdictional boundaries of family, church, and state; the schools of jurisprudence; and the biblical basis for the fundamental principles underlying the several courses that comprise the basic curriculum.

**PLAW 206 *Ethics and Professional Responsibility*** 3 hours

Prerequisites: PLAW 200 and 205

The course is a study of the ethical rules and professional responsibilities of the paralegal within the legal profession. Students will study the Model Rules of Professional Conduct and analyze those rules as they pertain to specific cases.

**PLAW 210 *Legal Research and Writing*** 3 hours

An introduction to the court system, case law and statutes, legal research and bibliography, legal analysis, writing legal memoranda, and writing for readability.

**PLAW 220 *Civil Practice*** 3 hours

This course is the study of the rules and principles governing the process by which courts adjudicate civil disputes. The subject matter covered includes study of the judicial process and the relationship between procedural and substantive law; pleadings; principles of jurisdiction, including jurisdiction over persons and subject matter; service of process and allocation of jurisdiction between state and federal court systems; and the discovery of evidence.

**PLAW 222 *Real Estate Transactions and Property*** 3 hours

This course is a study of the fundamental precepts applicable to real property. The following aspects, among others, will be covered: biblical principles of ownership and stewardship, acquisition and discovery, landlord/tenant law and real estate transactions. Working through the mock due diligence, purchase, financing, closing, development and leasing necessary for legal representation will be taught.

**PLAW 225 *Tort Law*** 3 hours

This course is a study of the system for compensating persons injured by others and includes principles of intentional torts and privileges thereto, and principles of negligence.

**PLAW 226 *Contracts*** 3 hours

Prerequisites: PLAW 200 and 205

Covers the legal concepts, principles, and procedures behind contracts and contract law. Emphasis is placed on formation, interpretation, modification, and assignment of contracts with instruction on breach, remedies, and damages.

**PLAW 230 *Criminal Practice and Procedures*** 3 hours

Prerequisites: PLAW 200 and 205

This course will introduce the general principles, sources, and purpose of criminal law, including the following doctrinal issues that apply to crimes in general: the act requirement, the *mens rea* requirement, causation, liability for attempted crimes, accomplice liability, defenses, and criminal code interpretation. The course will also introduce the limitations imposed on law enforcement activities by the Fourth, Fifth, and Sixth Amendments to the U.S. Constitution as applied to the states through the Fourteenth Amendment. The course generally considers the criminal justice process from investigation through arrest and initial court appearance.

**PLAW 235 *Wills, Trusts, and Estates*** 3 hours

A study of the basic devices in gratuitous transfers, including the will and trust; selected problems in class gifts, and will and trust substitutes; and social restrictions upon the power of testation, the formation of property interests, and the trust device.

**PLAW 320 *Constitutional Law*** 3 hours

Prerequisite: PLAW 205

Constitutional Law analyzes contemporary issues to explore a number of key, constitutional principles, including: separation of powers; federalism; the role of the judiciary in deciding controversial social issues; the First Amendment Free Speech, Establishment Clause, and Free Exercise of Religion clauses; the Commerce Clause as it relates to nationalized health care; and parental rights with respect to education. Students will read judicial opinions each week relating to one of these topics.

**PLAW 340 *Family Law*** 3 hours

This course provides a balanced introduction to the theories, doctrines, and practice of family law. Students will learn the fundamental principles of family law, discuss important policy issues, learn practical skills and consider the ethical issues confronted by those who help process legal documents in family law.

**PLAW 350 Corporate and Business Organizational Law** 3 hours

An examination of agency, partnership, and corporation concepts with emphasis on the rights and obligations of partners. The formation, management, and operation of for-profit and nonprofit corporations will be taught.

**PLAW 355 Bankruptcy and Secured Transactions** 3 hours

Prerequisites: PLAW 222 and 350

Covers the bankruptcy code and rules of procedure. Emphasis will be placed on the legal assistant's role in bankruptcy practice such as interviewing, preparing documents including schedules for Chapters 7, 11, and 13, legal proceedings including filing, meeting of creditors, adversarial proceedings, and the final discharge. Also included are secured and unsecured creditor priorities, preferences, and fraudulent transfers.

**PLAW 380 Law of Non-Profits** 3 hours

Prerequisite: PLAW 350

Consideration of the role of the nonprofit corporation vis-à-vis the business corporation as well as fiduciary relationships and regulatory issues faced by nonprofit corporations. The class will also cover the process for organization of a nonprofit corporation and obtaining tax exempt status.

**PLAW 400 Employment Law** 3 hours

Prerequisite: PLAW 350

This course is designed to assist the student in gaining a broad understanding of employment law and legal issues that impact the workplace. Various sources of employment law, including federal and state law, will be surveyed. Additionally, students will gain an understanding of the employer and employee relationship in the workplace and the legal significance of this dynamic. Topics covered will include, but are not limited to, the hiring process, discrimination, wage and hour, benefits, freedom in the workplace, disability, discharge, and retirement.

**PLAW 405 Administrative Law** 3 hours

Prerequisite: PLAW 350

This course considers the role of administrative agencies and the legal and public policy impact of agency decisions. In addition to reviewing the purpose and functions of administrative agencies, the student will also consider the role of judicial review of administrative decisions and the constitutional implications. Additional topics studied include investigatory powers, informal and formal adjudications, rule making, delegation of authority, and separation of powers.

**PLAW 420 Intellectual Property Law** 3 hours

Prerequisite: PLAW 350

This course is designed to assist the student in gaining a broad understanding of intellectual property law and relevant legal terms. In addition to studying general principles and rules, the student will also study copyright, patents, trademarks, and trade secrets.

**PLAW 450 Negotiations** 3 hours

Prerequisites: PLAW 200 and 205

This course provides a general introduction to negotiations, alternative dispute resolution, and client counseling. In addition to reviewing the general theories and practice of negotiation, students will study the various styles of negotiation.

**PLAW 460 Law Office Management** 3 hours

Prerequisites: PLAW 200 and 205

This course covers the operation of a modern law office, including the legal structure of a law practice, regulation of the legal profession, law office equipment, personnel and employee issues, billing and accounting procedures, and basic management skills.

**PASTORAL LEADERSHIP****PLED 325 Theories and Issues in Pastoral Ministry** 3 hours

An introduction to the various theories and issues in pastoral ministry. The student will develop an understanding of the role of the pastor, various matters of church leadership, and issues in programs and ministries.

**PLED 450 Leadership and Management of the Local Church** 3 hours

This course is designed to address areas of leadership and management that may be unique to church ministry. Emphasis is placed on the diagnosis of the personal spiritual needs of the leader, common mistakes leaders make in ministry, and various truths that leaders need to learn in order to effectively manage people.

**PSYCHOLOGY****PSYC 101 General Psychology** 3 hours

Introduction to Psychology as a scientific discipline concerned with the study of behavior. Consideration will be given to such topics as human development, motivation, emotion, perception, learning, personality, intelligence, measurement and applied areas.

**PSYC 210 Developmental Psychology** 3 hours

An overview of the human life span from conception through senescence. Continuity of development as well as critical periods faced by the maturing human will be emphasized using contemporary theories and research as foundation materials.

**NOTE: PSYC 101 or 210 is a prerequisite for all other Psychology courses.**

**PSYC 221 Psychology of Childhood** 3 hours

A study of child growth and development from birth to puberty. Examination of the basic theories principles and practices of childhood training and education.

**PSYC 231 Psychology of Adolescence** 3 hours

An investigation of the psychological and environmental factors related to puberty, peer identification and identity conflict in the adolescent. Emphasis will be upon the development of self-identity and the problems faced by the American adolescent.

**PSYC 235 Psychology of Adulthood** 3 hours

The focus will be on viewing adult development as an integrative, dynamic and continuous process terminated only at death. The whole span of adulthood will be examined, including retirement and old age.

**PSYC 255 Introduction to Research** 3 hours

Prerequisite: PSYC 101, 201, or permission of the instructor

An introduction to psychological research techniques and methodology designed to improve students' understanding of the basic issues in the scientific methods of the social sciences. The goals of the course are: to improve students' understanding of the concepts related to research methodology; to improve the students' ability to communicate ideas about science, including a significant amount of writing; and survey of both quantitative and qualitative research methods.

**PSYC 305 Overview of Theory and Treatment of Substance Abuse** 3 hours

Prerequisite: PSYC 101, 210, SOCI 201, or permission of the instructor

An introduction to the theory and treatment of substance abuse and addiction. Students will be exposed to both secular and biblical concepts of substance abuse and will be asked to formulate an appropriate integration of both sets of material.

**PSYC 306** *Advanced Theory and Treatment of Substance Abuse* 3 hours  
 Prerequisite: PSYC 305  
 Advanced information on the theory and treatment of substance abuse and addiction with both secular and biblical concepts of substance abuse, recovery, and the impact upon family systems and society. An appropriate integration of the sets of materials will focus on the 12-step method of recovery and methods of relapse prevention.

**PSYC 307** *Treatment and Recovery* 3 hours  
 Prerequisite: PSYC 305  
 This course examines addiction recovery process theory and treatment modes. Students will understand the theoretical basis for treatment by critically assessing treatment outcome research from various approaches and formalize a practical recovery approach plan. Students will explore treatment approaches, gain a working understanding of addictions and begin to develop a practical approach to recovery. The dynamics of addiction recovery will be examined as students consider recovery obstacles for substance and sexual addiction subsets.

**PSYC 308** *Diagnosis and Treatment of Sexual Addiction* 3 hours  
 Prerequisite: PSYC 305  
 An examination of the definition, neurobiology, etiology, diagnosis and treatment of sexual addiction. Students will explore, from a biblical worldview, gender issues related to sexual addiction and related topics such as marital affairs, pornography and homosexuality.

**PSYC 309** *Healthy Sexuality* 3 hours  
 Prerequisite: PSYC 305  
 This course provides a foundational understanding of healthy sexuality based on psychological foundations and a biblical worldview. Special attention is given to the biological foundations of sexual development, sexual enrichment, challenges, brokenness, and controversial issues surrounding healthy sexuality.

**PSYC 317** *Crisis Intervention* 3 hours  
 Prerequisite: PSYC 101, 210, or SOCI 201  
 An examination of the various types of crises and the effect upon the individual. Coping skills and therapeutic approaches are discussed. Areas addressed include: PTSD, Chemical Dependency, Crises of Lethality, and Sexual Assault, among others.

**PSYC 320** *Behavior Management* 3 hours  
 The application, implementation, measurement, and evaluation of behavior management techniques in various settings including hospitals, institutions, and schools.

**PSYC 336** *Gerontology* 3 hours  
 The facts of demography describe the background and present status of elderly people in the United States. Then the biological, psychological and sociological factors in aging will be studied to promote an in-depth understanding of the dynamics of aging. The dying-grieving processes, as well as LTC policies and government-sponsored programs are explored.

**PSYC 341** *Psychology of Personality* 3 hours  
 The major historical and contemporary theories of the origin and development of personality are explored, emphasizing the role of the dynamics of personality.

**PSYC 345** *Exceptional Child* 3 hours  
 All major areas of exceptionality will be surveyed to provide undergraduate students with a first contact with the field of exceptionality. The focus is cognitive content-based rather than experiential. Characteristics of children and families will be evaluated, according to theories of human development.

**PSYC 354** *Statistics for the Social Sciences* 3 hours  
 Prerequisites: MATH 115 or higher  
 Introduction to the descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, and visual displays of data with applications in psychology and the other social sciences.

**PSYC 355** *Statistics in Psychology* 3 hours  
 Prerequisite: PSYC 354; MATH 115 or higher  
 Introduction to statistical methodology in the social sciences, particularly as related to psychological measurement and development of scientific research studies involving quantitative investigation.

**PSYC 365** *Psychological Foundations of Learning* 3 hours  
 Prerequisite: Nine additional hours of psychology  
 A study of human learning, including examination of thought processes. Models of behaviorism, social learning, cognitive development, memory, motivation, and attribution theories will be evaluated.

**PSYC 371** *Theories in Counseling and Psychotherapy* 3 hours  
 Prerequisite: PSYC 341  
 The principal current theoretical approaches to counseling and psychotherapy represented and evaluated. Exploration of techniques and methods in group and individual counseling.

**PSYC 380** *Physiological Psychology* 3 hours  
 Prerequisite: Nine additional hours of psychology  
 Study of neurological aspects of human behavior for those who intend to further their study in psychology or related fields. Major objectives include developing appreciation for the complex functioning of the human body, acquiring basic understandings of the primary mechanisms of behavior and investigating medical advances affecting these areas.

**PSYC 405** *Group Dynamics* 3 hours  
 The study of human personality in relationship to other persons, singularly and in groups. The application of the principles of group dynamics to business, industry, public and private life will be examined in theory and demonstrated with exercises.

**PSYC 421** *Psychological Measurement* 3 hours  
 Prerequisite: PSYC 355  
 A study of standardized tests in psychology, counseling and education. Includes personality, aptitude, general ability, achievement and interest tests. Elementary statistics necessary to test usage and interpretation will be a part of the course.

**PSYC 430** *Abnormal Psychology* 3 hours  
 Prerequisite: PSYC 341  
 A study of neurotic and psychotic behavior including origin, classification, symptoms and a survey of diagnosis, therapy and prevention.

**PSYC 475** *Psychology of Criminal Behavior* 3 hours  
 Prerequisites: PSYC 101, 201, SOCI 200; PSYC 341 and PSYC 430  
 An examination of the factors that contribute to criminal behavior, including various psychopathological and sociological aspects.

**PSYC 497** *Special Topics in Psychology* 3 hours  
 An examination and evaluation of moral and ethical concepts and principles as they relate to the field of psychology. A wide range of subjects will be discussed including counseling intervention systems, the exceptional child, vocational development and human development.

**PSYC 499** *Internship* 1 to 6 hours  
 Prerequisites: 2.00+ overall GPA, Senior Status, 18 credits of PSYC coursework successfully completed, suitable internship site, and completed Student Internship Agreement (SIA)  
 Selected topics in psychology will be treated at an advanced level. Experience will be acquired in clinical settings and through

exposure/intern opportunities. Applications are processed through the department Faculty Intern Advisor. Applicants must apply the semester prior to starting the internship.

### RELIGION

#### RLGN 489 *Religion Capstone Course* 3 hours

Prerequisites: Student must be a BS in Religion major and course must be taken in student's final semester.

This course is designed to allow the student to utilize skills and insights acquired during the completion of the undergraduate program in religious studies. A range of biblical and theological concepts taught in the program are reinforced, and new dimensions are explored. This helps ensure that key ideas from the undergraduate religion program are mastered and that opportunities are presented for the student to put these concepts into practice.

### SPEECH COMMUNICATION

#### SCOM 110 *Media and Culture* 3 hours

A global survey of digital communication (news, information, entertainment), including cultural impact, targeted messaging, collaborative solutions, and trust-relationships between content producers and their participating users. Course focus is on the application of these new forms of media in personal lives, organizations and business.

#### SCOM 345 *Persuasion* 3 hours

Prerequisites: COMS 101

Analysis and practice of techniques used to change attitudes, beliefs, and behavior in various communication contexts. (Formerly COMS 345)

### SPORT MANAGEMENT

#### SMGT 312 *Introduction to Sport Ministry Outreach* 3 hours

This course will explain the inter-relationships between sport and religion while examining the impact of muscular Christianity and sport ministry in North America. Tools and guidelines for preparing, organizing and administering a sport ministry program will also be examined.

#### SMGT 315 *Concepts and Practices in Sport Outreach* 3 hours

This course introduces the student to the broad spectrum of Christian concepts and practices with sport camp operation and leadership. The student will be equipped to plan, fund, program, direct, evaluate and assess a camp's effectiveness with an emphasis on outreach to athletes or high school and college campuses, in the local church, and with community organizations.

#### SMGT 317 *Mentoring in Sport* 3 hours

A residency whereby the student is assigned to a ministry outreach setting for the purpose of receiving hands-on experience and guidance in the day-to-day functions of sport outreach.

#### SMGT 321 *Global Sport Outreach* 3 hours

This course will examine global strategy issues within the context of sport outreach. Nation, region, and outreach specific factors that determine outreach effectiveness will be analyzed. Key global sport outreach organizations will be examined to deepen students' understanding of effective sport outreach theories and strategies. Students will develop a basic conceptual framework to formulate a strategy for undertaking sport outreach in a global setting.

#### SMGT 401 *Sport Methodology, Methods and Practices* 3 hours

An introductory class to the psychological and emotional aspects of sport. Topics include mental preparation, goal setting, extrinsic vs. intrinsic reward, stress, anxiety, relaxation and coping within the context of sport participation. The topic of competition

and the concepts of success and failure are discussed from a biblical perspective.

#### SMGT 402 *Sport Chaplaincy* 3 hours

This course will examine what it means to be a sports chaplain. Learning how to pray for, to serve, to challenge and to invest in lives and being on the journey of faith for those who serve.

### SOCIOLOGY

#### SOCI 200 *Introduction to Sociology* 3 hours

A study of social theories, their histories, social structures, functions, and conflict emphasizing human, institutional, and group interactions. The course provides an overview of political, economic and other cultural phenomena and methodologies of the results of scientific social research. In addition, it seeks to expand ideas, concepts, theoretical, and practical orientations by utilizing a comparative perspective.

#### SOCI 201 *Social Problems* 3 hours

A study of social dilemmas such as crime, pollution, war, poverty, drug addiction, and racial discrimination. Course content is both theoretical and practical.

### STRATEGIC COMMUNICATION

#### STCO 307 *Strategic Communication* 3 hours

Examines the principles and practices of impacting markets through Strategic Communications. Special emphasis is given to team problem-solving. (Formerly COMS 307)

#### STCO 356 *Digital/Social/Mobile Marketing* 3 hours

Prerequisite: Junior/Senior Status

This course explores the successful design, development and execution of targeted marketing campaigns for news, information and entertainment. Special emphasis is given to team problem-solving. (Formerly COMS 356)

### SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH

#### STEM 101 *Industrial Energy I* 3 hours

This course focuses on processes typically found in industrial facilities. Topics include industrial safety, mechanical technology, hydraulics and pneumatics, pipes and pipefitting, lubrication and bearings, heat exchangers, electrical technology, instrumentation and control, and environmental awareness. Basic math and science foundations are covered as well. These include elemental math and physics topics such as motion, energy, fluid dynamics, simple machines, electricity, and magnetism.

#### STEM 201 *Industrial Energy II* 3 hours

This course focuses on the processes and equipment used in the generation of electrical power. Topics include combined cycle powerplant fundamentals, heat recovery steam generators, plant water and steam systems, steam and gas turbines, electrical power generation and distribution, and other systems that support electrical power generation. Basic math and science foundations are covered as well. These include elemental math; physics topics such as momentum, gravity, energy, motion, electricity and magnetism, heat, and thermodynamics; and chemistry fundamentals.

#### STEM 499 *STEM Internship* 3 hours

This course will explore some aspect of pure or applied STEM in a clinical, industrial, research, or educational setting. In most cases, students will be required to find their own internship opportunity and apply for approval through the CGS Student Resource Center. Application must be made during the semester prior to the internship. Examples of appropriate internship options include powerplant intern, STEM teaching assistant/intern, science lab assistant/intern, and summer forestry technician.

**THEOLOGY****THEO 104 *Introduction to Christian Thought*** 3 hours

This course is an introduction to the basic tenets of Christianity.

**THEO 201 *Theology Survey I*** 3 hours

This is a general survey of Bible doctrine designed to synthesize and outline each of ten major areas of systematic theology, including prolegomena, bibliology, theology proper, Christology, angelology, and pneumatology.

**THEO 202 *Theology Survey II*** 3 hours

This is a continuation of general survey of Bible doctrine designed to synthesize and outline each of the ten major areas of systematic theology. Survey II includes anthropology, hamartiology, soteriology, ecclesiology and eschatology.

**THEO 313 *The Person and Work of Christ*** 3 hours

Prerequisites: THEO 201 and 202, or THEO 104

A study of the Person and work of Christ as revealed through Messianic prophecy, the Incarnation and His ministry as Prophet, Priest, and King. Special attention is given to the contributions of John and Paul to a full understanding of this doctrine.

**THEO 330 *Theology of the Family*** 3 hours

Prerequisites: THEO 201 and 202, or THEO 104

This course is designed to equip students with an understanding of God's original design for the home, the primary purposes of family life, and a biblical method for facilitating transformation. Students will establish the ground work for fostering healthy family relationships and strong generational legacy. This study begins with a "big picture" view of the home, clarifies doctrinal misunderstandings of the family role, outlines a history of the modern family, and offers a scriptural vision for long-term family blessing.

**THEO 350 *Fundamental Theological Issues*** 3 hours

Prerequisites: THEO 201 and 202, or THEO 104

A study of the major theological questions which arise in the defense of biblical inerrancy, scriptural separation, creationism and dispensationalism. It also deals with such contemporary issues as the charismatic movement, feminism, situation ethics and other vital concerns to the fundamentalist in today's world. (Formerly THEO 250)

**WORSHIP STUDIES****WRSP 410 *The Mission and Mandate for Worship*** 3 hours

This is a study of the biblical purposes and mandate for worship according to the principles of Romans 12:1-21. Using materials and

research gathered from this study, students are required to construct a series of Sunday School Lessons that articulate a biblical purpose and mandate for worship.

**WRSP 420 *A Biblical Model for 21<sup>st</sup> Century Worship*** 3 hours

Prerequisite: WRSP 410

This is a worship methods course that makes application of formational, transformational, relational, missional, and reproducible worship to daily living. Using materials and research from this study, students will be required to design a six-week discipleship-Bible study manual for worship leaders.

**WRSP 430 *Building Relationships through Worship*** 3 hours

This is a course that deals with the Bible principle of relationship. Attention is given to the worship leader developing relationship the pastor, worship team, choir and orchestra, and media team. Students will participate in an interview/research project with select worship pastors and musicians.

**WRSP 440 *Strategies for Worship Leading*** 3 hours

Prerequisite: WRSP 430

This is a methods course that deals with strategic planning for worship ministry. Attention is given to principles for developing traditional, blended, and contemporary models for worship. Students will be required to organize and develop worship strategy for small, medium and large worship ministry.

**YOUTH MINISTRIES****YOUT 201 *Survey of Youth Ministries*** 3 hours

A study of biblical principles in establishing and maintaining a ministry to adolescents. Emphasis is placed upon a system of philosophy and general principles for adolescent ministry. Special attention is given to developing a youth ministry mission statement, objectives and strategy.

**YOUT 301 *Foundations of Youth Ministry*** 3 hours

Prerequisite: YOUT 201

An investigation of specific elements that are building blocks for the biblical education of adolescents. Foundational issues, principles of teaching and curriculum development will be studied.

**YOUT 350 *Campus Ministry*** 3 hours

Prerequisites: YOUT 201, 301

A study of the history and strategy of reaching youth through the campus structure. Attention is given to the basic workings of the campus social system and the methods used in reaching it with the gospel. (Formerly YOUT 403)



## *Liberty University Board of Trustees*

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*Associate Dean, School of Education*  
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*Associate Dean, School of Nursing*  
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*Associate Dean for Online Programs, School of Law*  
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*Associate Professor of Religion*

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*Professor of Education*

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Dean, Jerry Falwell Library

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Chair, Department of History  
Professor of History

**J. Ernie Rogers, B.B.A., M.A., FAA COMM, INST, ME, MEL, ATP**  
Special Assistant to Assistant Provost  
Associate Professor of Aviation

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Associate Dean, School of Business  
Professor of Business

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Associate Dean, Research and Customer Services  
Jerry Falwell Library

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Dean, College of Arts & Sciences  
Professor of History

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Associate Dean, School of Health Sciences  
Assistant Professor of Earth Science

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Associate Dean, Library Technologies and Collection Services  
Jerry Falwell Library

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Associate Dean, School of Behavioral Sciences  
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Associate Dean for Advanced Programs, School of Education  
Professor of Education

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Director of Resident Graduate Admissions

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Professor of Music and Worship

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Dean, Center for Academic Support and Advising Services  
Associate Professor of Education

**David L. Young, B.S., M.A., FAA COMM, INST, CFI, CFII,  
ME, MEL, ATP**  
Assistant Provost for LU Aeronautics Education  
Associate Professor of Aviation

## Administrative Staff

**Tamela L. Crickenberger, B.S., M.S.**  
Executive Director of Enrollment, Liberty University Online

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Director of Alumni Relations

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Director of Specialized Technology Initiatives

**Kirk Handy, B.S.**  
Senior Director of Campus Recreation

**Eric Hendrickson, B.S.**  
Enterprise Solutions Architect

**Col. Richard D. Hinkley, B.S.**  
Chief of Police

**Larry D. Hoezee, B.A., M.A., Ph.D.**  
Executive Director of Resident Enrollment Management

**Orlando Lobaina, B.A., M.A.R., Ed.S.**  
Executive Director, Liberty University en Español

**David D. Nemitz, B.R.E., M.A., D.Min.**  
Director, Center for Curriculum Development  
Associate Professor of Religion and Instructional Design

**Steve Peterson, B.S., M.A.R., M.B.A., Ed.S., Ed.D.**  
Executive Director of Admissions, Liberty University Online

**Sharon L. Wheeler, B.A., M.A., M.F.A., M.Ed.**  
Director, Center for Teaching Excellence  
Associate Professor of Theatre Arts and Education

## *Distinguished Professorships*

**Gary Habermas, B.R.E., M.A., Ph.D.**

May 1994

*Distinguished Research Professor of Apologetics and Philosophy*

**Edward E. Hindson, B.A., M.A., Th.M., Th.D., D.Min.,  
D. Phil., F.I.B.A.**

August 2005

*Distinguished Professor of Biblical Studies and Religion*

**C. Daniel Kim, B.A., B.D., S.T.M., Th.D.**

October 2010

*Distinguished Professor of Church History and Intercultural Studies*

**Danny Lovett, B.A., M.A., M.Div., D.Min.**

May 2002

*Distinguished Professor of Evangelism*

**Richard D. Patterson, A.B., M.Div., Th.M., M.A., Ph.D.**

August 1994

*Distinguished Professor of Biblical Studies*

**Boyd C. Rist, B.A., M.A., Ph.D.**

May 2003

*Distinguished Professor of History*

**Elmer Towns, B.A., M.A., Th.M., M.R.E., D.Min.**

May 1999

*Distinguished Professor of Systematic Theology*

## *Emeriti*

**Robert T. Adkins, B.B.A., M.B.A., Ph.D.**

*Dean Emeritus, School of Business and Government*

B.B.A. University of Chattanooga; M.B.A., Stanford University; Ph.D., University of Arkansas. 1991–2000

**John M. Borek, Jr., B.B.A., M.B.A., Ph.D.**

*President Emeritus*

B.B.A., M.B.A., Ph.D., Georgia State University. 1997–2004

**Lois B. Borek, A.A., B.S., M.Ed., Ed.D.**

*Professor Emeritus*

B.S., M.Ed., Georgia State University; Ed.D., Liberty University. 1999–2004

**Ruth L. Chamberlin, A.B., B.S., M.A., Ph.D.**

*Professor Emeritus of English*

A.B., B.S., Ashland College; M.A., University of Michigan; Ph.D., Kent State University; additional graduate work at Ohio State and American University. 1975–2001

**Paul R. Fink, B.A., Th.M., Adv. M.Ed., Th.D.**

*Professor Emeritus of Biblical Studies and Pastoral Ministries*

B.A., Columbia Bible College; Th.M., Dallas Theological Seminary; Adv. M.Ed., University of Southern California; Th.D., Dallas Theological Seminary; additional graduate work at Purdue University. 1979–2013

**A. Pierre Guillermin, B.A., M.A., Ed.D.**

*President Emeritus*

B.A., M.A., Bob Jones University; Ed.D., Nova University; additional graduate work at the University of Virginia, Harvard University - Institute of Educational Management; LL.D., Christian Heritage College. 1971–2000

**Ernest V. Liddle, B.A., M.A., M.S., B.D., Th.M., Th.D.**

*Dean Emeritus, Library Services*

B.A., University of Edinburgh; M.A., Bucknell University; M.S., Drexel University; B.D., Th.M., Asbury Theological Seminary; Th.D., Northern Baptist Theological Seminary. 1979–1992

**Mark B. Lloyd, A.B., M.A., Ph.D.**

*Professor Emeritus of Speech*

A.B., The College of Idaho; M.A., University of Southern California; Ph.D., Michigan State University. 1974–1993

**Earl S. Mills, B.S., M.A., Ed.D.**

*Provost Emeritus*

*Professor Emeritus of Education*

B.S., M.A., Western Michigan University; Ed.D., Wayne State University. 1978–1985, 1988–1995

**Richard D. Patterson, A.B., M.Div., Th.M., M.A., Ph.D.**

*Distinguished Professor Emeritus of Biblical Studies*

A.B., Wheaton College; M.Div., Los Angeles Baptist Seminary; Th.M., Talbot Theological Seminary; M.A., Ph.D., University of California at Los Angeles. 1982–1997

**Milton K. Reimer, B.A., M.Ed., Ph.D.**

*Professor Emeritus of Education and Social Studies*

Diploma, Prairie Bible Institute; B.A., Trinity College; M.Ed., Ph.D., University of North Dakota; additional graduate work at Claremont Graduate School, Kent State University and Virginia Commonwealth University. 1981–1996

**Boyd C. Rist, B.A., M.A., Ph.D.**

*Provost Emeritus*

B.A., University of South Dakota; M.A., University of Minnesota; Ph.D., University of Virginia; additional graduate study at the University of Minnesota. 1973–2010

**Hila J. Spear, R.N., B.S.N., M.S.N., Ph.D.**

*Professor Emeritus of Nursing*

A.D.N., Kellogg Community College; B.S.N., Liberty University; M.S.N., Ph.D., University of Virginia. 1989–2010

# Financing the University

The Office of Development is designed to develop and foster lifelong relationships between the University and its constituents. By establishing opportunities for all graduates, friends, students, families, faculty, staff, corporations, and foundations to financially support the University, this office helps Liberty University maintain and enhance the outstanding quality of its faculty, students, programs, and facilities.

Provided below is an overview of ways to support Liberty University.

## Development

### Annual Fund, Outright Gifts, Matching Gifts, and Gifts in Kind

*Annual gifts* are contributions for the current, unrestricted use of the University or any of its colleges, schools, and programs. *Outright gifts* include contributions of cash, securities, and written pledges. Gifts of securities are credited at market value on the date the gift is delivered or postmarked. *Matching gifts* encourage charitable giving by matching their employees' contributions. *Gifts in kind* are gifts of tangible personal property, such as artwork, computers, real estate, and services, which may be used by Liberty University or sold for funds to help support our continuing efforts to provide an outstanding Christian higher education. Gifts in kind may provide substantial tax benefits.

Specific information on the above plans may be obtained by contacting:

**Mr. Tom Arnold**  
**Vice President for Development**  
**1971 University Blvd.**  
**Lynchburg, Virginia 24515**  
**(866) 602-7983**

### Federal and State Funding

Liberty University does not receive any Federal or State funding other than Student Financial Aid, which is utilized only for eligible individual students. Eligible students may receive funds from Federal Pell Grants, Federal Supplemental Education Opportunity Grants, Federal Work Study Grants, Federal Family Education (Stafford and PLUS) Loans, Virginia Tuition Assistance Grants, and Virginia College Scholarship Assistance Program Grants.

The University has never accepted Federal or State funds for its operations, endowment, or capital funding projects.

## Estate Planning

### Bequests

Federal tax laws encourage *bequests* to qualified institutions like Liberty University, with an unlimited estate tax deduction for such legacies. Here is a sample form of bequest your attorney may adapt in preparing your will:

*I give, devise and bequeath to Liberty University, a Virginia non-stock, non-profit corporation located in Lynchburg, Virginia 24515, \_\_\_% of my estate to be used for its general purposes.*

### Gift Annuity Agreements

Those who want to place a portion of their savings with the University and at the same time receive income for life may find that the Liberty University *Charitable Gift Annuity* meets their needs. The rate of return depends on the annuitant's age at the time the agreement is made.

### Life Insurance, IRAs, and Pension Plans

A *paid-up life insurance policy* makes an excellent gift to Liberty University. The donor may receive significant tax benefits with this type of gift. *Traditional IRAs* and other *qualified pension plan assets* can be an excellent source of funding for charitable gifts. If these assets are transferred to an individual, the current value is subject to estate taxes, as well as federal and state income taxes (sometimes exceeding 80% of the value), but when designated to Liberty University, taxes are eliminated.

### Real Estate

Land, homes, buildings, and other real property may be given to Liberty University as an outright gift or used to fund a life-income gift. A home may be given to the University and continue to be lived in throughout an individual's lifetime. This is called a "Life Estate." All such gifts of real estate and real property can benefit both the individual and the University.

### Scholarships/Endowments

Gifts can be placed as a permanent endowment scholarship with the University. Each year the interest earned from the investment will provide tuition help for worthy students.

### Trusts

*Charitable Remainder Trusts* (CRTs) are life income gifts. The remainder comes to the University after the passing of all income beneficiaries. Charitable Lead Trusts generate income for the University during the term of the trust, after which the assets are passed along to the heirs with significant tax savings.

Specific information on the above plans may be obtained by contacting:

**Dr. Earl D. Sargeant**  
**Director of Estate Planning**  
**1971 University Boulevard**  
**Lynchburg, Virginia 24515**  
**(800) 543-5309**

## *Full-Time Faculty Roster*

*Faculty who teach in the Distance Education program are indicated with (D)*

**Ackerman, Margaret Elizabeth; B.S., M.Ed., Ed.D.**

*Associate Dean, School of Education*

*Associate Professor of Education*

B.S., Liberty University; M.Ed., Lynchburg College; Ed.D., University of Virginia. At LU since 2003.

**Adams, David; B.D., B.S., M.Ed., Ed.S., Th.M., D.Min.**

*Director of Experiential Learning, School of Religion*

*Professor of Church Ministries*

B.D., Arlington Baptist College, B.S. Lynchburg Baptist College, M.Ed., Ed.S., Lynchburg College, Th.M., The Southern Baptist Theological Seminary, D.Min., Liberty Baptist Theological Seminary. At LU since 1976.

**Adams, William L; B.S., M.B.A., Ph.D.**

*Adjunct Instructor of Business*

B.S., M.B.A., Campbellsville College; Ph.D., Capella University. At LU since 2011. (D)

**Adkins, Michele Rene; B.S., M.Ed.**

*Adjunct Instructor of Psychology*

B.S., Liberty University; M.Ed., Lynchburg College. At LU since 2010. (D)

**Adu-Gyamfi, Yaw; B.A., M.A., Ph.D.**

*Professor of English*

B.A., University of Science and Technology, Ghana; M.A., Ph.D., University of Saskatchewan. At LU since 1999.

**Ahmed, Nauri D.; B.S., M.S.**

*Instructor of Business*

B.S., University of Maryland-University College; M.S., Liberty University. At LU since 2008. (D)

**Aidoo, Kwame; M.A.R., M.Div.**

*Instructor of Religion*

M.A.R., M.Div., Liberty University. At LU since 2008. (D)

**Akers, Shanna; R.N., B.S.N., M.S.N./M.B.A. HC, Ed.S.**

*Associate Dean, School of Nursing*

*Assistant Professor of Nursing*

B.S.N., Virginia Commonwealth University; M.S.N./M.B.A. HC, University of Phoenix; Ed.S., Liberty University. At LU since 2009.

**Akers, Shawn D.; B.A., M.A., J.D.**

*Dean, Helms School of Government*

*Professor of Government*

B.A., Northeast Louisiana University; M.A., J.D., Regent University. At LU since 2008.

**Alban, Evangeline F; B.S., M.A.**

*Adjunct Instructor of College of General Studies*

B.S., Liberty University; M.A., Towson University. At LU since 2006. (D)

**Alban, Jr., Donald H.; B.A., M.A., Ph.D.**

*Associate Professor of Communication Studies*

B.A., Appalachian Bible College; M.A., Ph.D., Regent University. At LU since 2002.

**Alban, Sr., Donald; B.A., M.A., D.Min.**

*Associate Professor of Global Studies*

B.A., Washington Bible College; M.A., D.Min., Grace Theological Seminary College. At LU since 2003.

**Alcindor, Esther; B.S., M.Ed.**

*Director, Elementary Education Program, School of Education*

*Assistant Professor of Education*

B.S., M.Ed., Liberty University At LU since 2004.

**Alexson, Andrew Tait; B.S., M.S., M.Div., Ed.S., Ed.D., D.Min.**

*Adjunct Instructor of Religion*

B.S., University Of Idaho; M.S., University of Maine at Orono; M.Div., Columbia International University; Ed.S., Ed.D., Liberty University; D.Min., Covington Theological Seminary. At LU since 2006. (D)

**Allard, Donald L.; B.S., M.A.**

*Instructor of Religion*

B.S., State University of New York; M.A., Denver Seminary. At LU since 2008. (D)

**Allen, Danny; B.G.S., M.R.E., D.Ed.**

*Assistant Professor of Religion*

B.G.S., University of New Orleans; M.R.E., New Orleans Baptist Theological Seminary; D.Ed. Min., New Orleans Baptist Theological Seminary. At LU since 2011. (D)

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**Turchin, Sean A.; B.S., M.A., M.A.R., M.Div., Ph.D.**

*Assistant Professor of Philosophy*

B.S., M.A., Liberty University; M.A.R., M.Div., Liberty Baptist Theological Seminary; Ph.D., University of Edinburgh (UK). At LU since 2007. (D)

**Turner, Tracey; R.N., B.S.N., M.S.N.**

*Director, Residential BSN Program*

B.S.N., M.S.N., University of Virginia. At LU since 2008.

**Turpin, Preston Adam; B.B.S., M.R.E.**

*Adjunct Instructor of Religion*

B.B.S., M.R.E., Liberty University. At LU since 2013. (D)

**Tuttle, Leland Wayne; B.B.S., M.A.R., M.Div.**

*Adjunct Instructor of Religion*

B.B.S., M.A.R., M.Div., Liberty University. At LU since 2008. (D)

**Tweedy, Jean M.; B.A., M.Ed., Ed.S.**

*Lecturer in English*

B.A., Virginia Polytechnic Institute and State University; M.Ed., Lynchburg College; Ed.S. Liberty University. At LU since 2002.

**Tyson, Ariel C.; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2010. (D)

**Underwood, Stephen A.; B.S., M.S.**

*Instructor of Physical Science*

B.S., M.S., Radford University. At LU since 2013. (D)

**Vadnal, John; B.S., M.S., Ph.D.**

*Associate Professor of Engineering*

B.S., University of Florida; M.S., Ph.D., University of Iowa. At LU since 2006.

**Valle, Nathaniel Ross; B.A., M.A.**

*Adjunct Instructor of College of General Studies*

B.A., M.A., Liberty University. At LU since 2012. (D)

**Van Eaton, Hien; B.S., M.Ed.**

*Instructor of Developmental Mathematics*

B.S., Liberty University; M.Ed., Lynchburg College. At LU since 2006.

**Van Engen, Robert; B.S., M.A., Ph.D.**

*Assistant Director of Christian/Community Service*

*Assistant Professor of Biblical Worldview*

B.S., Liberty University; M.A., Grand Rapids Theological Seminary-Cornerstone University; Ph.D., Regent University. At LU since 2006.

**Van Voorhis, Timothy; B.A., B.S., M.S., Ph.D.**

*Associate Chair, Department of Mathematics*

*Associate Professor of Mathematics*

B.A., Covenant College; B.S., M.S., Ph.D., Georgia Tech. At LU since 2003.

**Vandegriff, Stephen R.; B.S., M.A., Ed.D., D.Min.**

*Professor of Youth Ministries*

*Adjunct Instructor of Religion*

B.S., M.A., Ed.D., D.Min., Liberty University. At LU since 2000.

**VanHeemst, David; B.A., M.A., Ph.D.**

*Assistant Professor of Government*

B.A., Dordt College; M.A., The American University; M.A., Olivet Nazarene University; M.A., Olivet Nazarene University; Ph.D., The University of Virginia. At LU since 2012. (D)

**Vann, Cathy P; B.S., M.S., Ed.S., Ed.D.**

*Adjunct Instructor of Business*

B.S., Shorter University; M.S., Regis University; Ed.S., Ed.D., Nova Southeastern University. At LU since 2011. (D)

**Varland, James; B.S., M.A.**

*Instructor of Psychology*

B.S., Minnesota State University; M.A., Trinity International University. At LU since 2007. (D)

**Veak, Tyler J.; B.A., M.A., M.S., Ph.D.**

*Associate Professor of Humanities*

B.A., University of Texas at Austin; M.A., University of North Texas; M.S., University of South Carolina; Ph.D., Virginia Polytechnic Institute and State University. At LU since 2007.

**Vena, Christopher J.; B.A., M.A., Ph.D.**

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B.A., Toccoa Falls College; M.A., Bethel Theological Seminary; Ph.D., Marquette University. At LU since 2006. (D)

**Venturo, Linda; B.S., M.P.A.**

*Instructor of Criminal Justice*

B.S., M.P.A., Western Carolina University. At LU since 2006. (D)

**Vess, June; B.A., M.A.**

*Coordinator of Psychology, Liberty University Online*

*Assistant Professor of Psychology*

B.A., Belhaven College; M.A., Liberty University. At LU since 1991.

**Vinersar, Daniel; B.M., M.A.R., M.R.E., M.Div.**

*Adjunct Instructor of Religion*

B.M., M.A.R., M.R.E., M.Div., Liberty University. At LU since 2007. (D)

**Voelker, Kathryn; B.M., M.A.**

*Assistant Professor of Music Education*

B.M., Bethel University; M.A., Eastman School of Music. At LU since 2013.

**Volk, Fred; B.S., M.A., Ph.D.**

*Professor of Counseling*

B.S., Newman University; M.A., Ph.D. Wichita State University. At LU since 2006.

**Wade, Christina; B.A.**

*Director, English Language Institute*

*Instructor, English Language Institute*

B.A., Liberty University. At LU since 2005.

**Wagner, Sr., James D.; B.A., M.A.**

*Assistant Director of the Bruckner Learning Center for Testing and Tutoring*

*Director, Academic Opportunity Program*

*Assistant Professor of Education*

B.A., The King's College; M.A., Liberty University. At LU since 1985.

**Waldron, Laura J; B.S., M.D.**

*Adjunct Instructor of College of General Studies*

B.S., Fordham University; M.D., University of Maryland. At LU since 2005. (D)

**Walker, Jill Nicole; B.S., M.A.**

*Adjunct Instructor of Religion*

B.S., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Walker, Kendall L.; B.S., M.A.R., Th.M., M.A.**

*Instructor of Religion*

B.S., Philadelphia College of Bible; M.A.R., Liberty Baptist Theological Seminary; Th.M., Dallas Theological Seminary; M.A., Southwestern Baptist Theological Seminary. At LU since 2010. (D)

**Walter, Jenny M.; B.S., M.A.T.**

*Instructor of English*

B.S., M.A.T., Liberty University. At LU since 2012. (D)

**Walters, Lowell; B.S., M.S.L.S.**

*Associate Dean, Library Technologies and Collection Services, Jerry Falwell Library*

B.S., Liberty University, M.S.L.S., Clarion University. At LU since 2001.

**Walz, James; B.M., M.B.A.**

*Assistant Professor of Cinematic Arts*

B.M., Liberty University; M.B.A., Liberty University. At LU since 2012.

**Wang, Feng; B.E., M.Sc., Ph.D.**

*Associate Professor of Engineering*

B.E., Zhejiang University; M.Sc., Yan Shan University; Ph.D., University of Massachusetts, Amherst. At LU since 2007.

**Wang, Zhongxiao (David); B.S., M.E., M.S., Ph.D.**

*Associate Professor of Mathematics*

B.S., Jiangxi University; M.E., Huazhong University of Science and Technology; M.S., Ph.D., Southern Methodist University. At LU since 2005.

**Wargo, Keith; C.P.A., B.S., M.B.A., Ed.S.**

*Instructor of Accounting*

B.S., University of Delaware; M.B.A., Temple University; Ed.S., Liberty University. At LU since 2010. (D)

**Warren, Ester; B.S., M.Ed., Ed.S.**

*Chair, Department of Psychology*

*Instructor of Psychology*

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**Warren, Jennifer L.; B.A., M.S.**

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**Warren, Kenneth Gene; M.A.R., M.Div., M.R.E.**

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**Warren, Steve E.; B.S., M.A., M.A.**

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B.B.A., Augusta State University; M.A., Middlebury College; M.Ed., University Of Georgia. At LU since 2010. (D)

**Watson, Scott; B.A., M.A., Ph.D.**

*Assistant Dean, Advanced Programs, School of Education  
Professor of Education*

B.A., M.A., Ph.D., University of South Florida. At LU since 2004.

**Weathers, Robert; B.S., M.Div., Ph.D.**

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**Wentlandt, Shawna; B.A., M.A., Ph.D.**

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**West, Richard Lee; B.S., J.D.**

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**Westfall, Jerry; B.S., M.A., Ph.D.**

*Chair, Department of Computational Sciences  
Associate Professor of Computational Sciences*

B.S., Wayland Baptist University; M.A., Webster University; Ph.D., Touro University International. At LU since 2007.

**Whaley, Vernon; B.A., M.A., M.C.M., D. Min., Ph.D.**

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*Professor of Music and Worship*

B.A., Free Will Baptist Bible College; M.A., Middle Tennessee State University; M.C.M., D.Min., Luther Rice Seminary; Ph.D., University of Oklahoma. At LU since 2005.

**Wheeler, Bert G; Ph.D.**

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Ph.D., University of Tennessee Knoxville. At LU since 2010. (D)

**Wheeler, David; B.S., M.Div., Ph.D.**

*Director, Center for Ministry Training*

*Professor of Evangelism and Student Ministries*

B.S., Tennessee Tech University; M.Div., Ph.D., Southwestern Baptist Theological Seminary. At LU since 2006.

**Wheeler, H. William; B.A., M.S., Ph.D.**

*Associate Vice President for Institutional Effectiveness*

*Professor of Counseling*

B.A. Eastern Nazarene College; M.S., Virginia Commonwealth University; Ph.D., Virginia Polytechnic Institute and State University. At LU since 1977.

**Wheeler, Sharon L.; B.A., M.A., M.F.A., M.Ed.**

*Director, Center for Teaching Excellence*

*Associate Professor of Education and Theatre Arts*

B.A., University of Maryland; M.A., M.F.A., University of Virginia; M.Ed., Mississippi College. At LU since 1982.

**White, Albert (Nate); B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University, M.Div., Southwestern Baptist Theological Seminary. At LU since 2007. (D)

**White, Jeffrey Wheeler; B.B.A., M.A., M.Div., Ph.D.**

*Adjunct Instructor of Counseling*

B.B.A., University Of Memphis; M.A., M.Div., Reformed Theological Sem; Ph.D., Drexel University. At LU since 2011. (D)

**White, William; B.S., M.A., Ph.D.**

*Assistant Professor of Business*

B.S., M.A., Ball State University; Ph.D., Walden University. At LU since 2009.

**Whitehurst, Frank; B.S., M.S., M.B.A., Ph.D.**

*Assistant Professor of Criminal Justice*

B.S., Bluefield College; M.S., Virginia Commonwealth University; M.B.A., Northcentral University; Ph.D., Northcentral University. At LU since 2012. (D)

**Whittle, Leigh A; B.A., M.A., M.Ed.**

*Adjunct Instructor of College of General Studies*

B.A., Elon University; M.A., East Carolina University; M.Ed., North Carolina State University. At LU since 2012. (D)

**Whittle, Mary; B.S., M.P.H.S., M.S.**

*Assistant Professor of Biology*

B.S., Vanderbilt University; M.P.H.S., University of North Carolina; M.S., Creighton University. At LU since 2012.

**Whyte, Mark K.; B.S., M.A.**

*Instructor of Religion*

B.S., Emporia State University; M.A., Dallas Theological Seminary. At LU since 2010. (D)

**Wicks, James; B.A., M.S., Ed.D.**

*Instructor of Education*

B.A., Washington Baptist Technical College; M.S., Ed.D., Pensacola Christian College. At LU since 2011. (D)



**Wicks, Marshall W.; B.A., Th.M., Ph.D.**

*Instructor of Religion*

B.A., Tennessee Temple University; Th.M., Grace Theological Seminary; Ph.D., Baptist Bible College & Seminary. At LU since 2009. (D)

**Wiedman, Erik A.; B.S., M.A.**

*Instructor of Psychology*

B.S., Messiah College; M.A., Geneva College. At LU since 2008. (D)

**Wiegand, Joseph M.; B.A., M.A., J.D., LL.M.**

*Adjunct Assistant Professor of Law*

B.A., Michigan State University; M.A., Regent University School of Government; J.D., Regent University School of Law; LL.M., University of London, King's College. At LU since 2007.

**Wiggins, Don K; B.S., M.S.**

*Adjunct Instructor of Business*

B.S., M.S., Liberty University. At LU since 2008. (D)

**Wilkins, Matthew R; B.S., M.A.R.**

*Adjunct Instructor of Religion*

B.S., M.A.R., Liberty University. At LU since 2012. (D)

**Williams, Dustin; B.S., M.B.A.**

*Adjunct Instructor of College of General Studies*

B.S., M.B.A., Liberty University. At LU since 2012. (D)

**Williams, Phillip; B.S., M.A.C.E.**

*Instructor of Psychology*

B.S., Clemson University; M.A.C.E., Dallas Theological Seminary; graduate studies at Liberty University. At LU since 2010. (D)

**Williams, Thomas; B.S., M.S.**

*Adjunct Instructor of College of General Studies*

B.S., Pennsylvania State University; M.S., University Of Scranton. At LU since 2012. (D)

**Williams, Timothy; B.S., M.S.Ed.**

*Instructor of Psychology*

B.S., Liberty University; M.S.Ed., Missouri Baptist University. At LU since 2007. (D)

**Willmington, Harold L.; B.A., D.Min.**

*Professor of Bible*

B.A., Culver-Stockton College; D.Min., Trinity Evangelical Divinity School. At LU since 1972.

**Wilmouth, Carrie; B.S., M.S., Ph.D.**

*Assistant Professor of Psychology*

B.S., Bridgewater College; M.S., Ph.D., Binghamton University. At LU since 2013.

**Wilsey, John D.; B.A., M.Div., Ph.D.**

*Assistant Professor of Philosophy*

B.A., Furman University; M.Div., Ph.D., Southeastern Baptist Theological Seminary. At LU since 2009. (D)

**Wilson, Rhonda L.; B.S., M.Ed.**

*Instructor of Psychology*

B.S., Liberty University; M.Ed., Lynchburg College. At LU since 2008. (D)

**Wine, Larry E.; B.A., M.S.F.E.**

*Instructor of Criminal Justice*

B.A., Adrian College; M.S.F.E., Troy State University. At LU since 2012. (D)

**Winn, Jesse M.; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2010. (D)

**Witek, Joseph T; B.A., J.D.**

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B.A., Yale University; J.D., University of Illinois-Urbana. At LU since 2012. (D)

**Witham, Stephen P.; B.A., M.A.**

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B.A., Lehigh University; M.A., University of Notre Dame; M.A., Maranatha Baptist Bible College. At LU since 1977.

**Witt, Angela; B.S., ATC**

*Approved Clinical Preceptor*

B.S., Liberty University. At LU since 2011.

**Wolfe, Col. Jon; B.S., M.S., M.A.**

*Commander, Air Force R.O.T.C. Detachment 890*

*Adjunct Instructor*

B.S., Auburn University; M.S., Embry Riddle Aeronautical University; M.A., Air University. At LU since 2011.

**Wolfe, Kevin D.; B.S., M.A., Ph.D.**

*Assistant Professor of History*

B.S., Wofford College; M.A., College of Charleston; Ph.D., University of South Carolina. At LU since 2012. (D)

**Wood, Robin Anne; B.A., M.Ed.**

*Adjunct Instructor of College of General Studies*

B.A., M.Ed., Liberty University. At LU since 2008. (D)

**Woodard, Branson; B.A., B.S., M.A., D.A.**

*Professor of English*

B.A., Free Will Baptist College; B.S., East Carolina University; M.A., Tennessee State University; D.A., Middle Tennessee State University. At LU since 1985.

**Woody, Dana; B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.S.N., M.S.N., Lynchburg College. At LU since 2013.

**Wright, Jay E.; B.A., M.B.A.**

*Instructor of Business*

B.A., Radford University; M.B.A., Old Dominion University. At LU since 2007. (D)

**Wu, Darren C.; B.S.M.E., M.A.R.**

*Assistant Professor of Biblical Worldview*

B.S.M.E., United States Naval Academy; M.A.R., Liberty Baptist Theological Seminary. At LU since 2008.

**Wygall, Sharon A; B.S., M.S.**

*Adjunct Instructor of Health Professions*

B.S., Liberty University; M.S., VA Polytech Inst State University. At LU since 2005. (D)

**Xie, Amy; M.A., M.Ed., Ed.D.**

*Assistant Professor of Modern Languages*

M.A., Xi'an Foreign Languages University; M.Ed., University of Massachusetts; Ed.D., Liberty University. At LU since 2012.

**Yates, Brian C.; B.S., M.Ed., Ed.D.**

*Dean, Center for Academic Support and Advising Services*

*Associate Professor of Education*

B.S., Grove City College; M.Ed., Westminster College; Ed.D., University of Pittsburgh. At LU since 2007.

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FULL-TIME FACULTY ROSTER

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**Yocum, Russell; B.A., M.Ed., Ed.S., Ed.D.**

*Associate Professor of Education*

B.A., University of Kentucky; M.Ed., Ed.S., Ed.D., University of West Florida. At LU since 2011.

**Young, David L.; B.S., M.A., FAA COMM, INST, CFI, CFII, ME, MEL, ATP**

*Dean, School of Aeronautics*

*Associate Professor of Aeronautics*

B.S., Virginia Polytechnic Institute and State University; M.A., Central Michigan University. At LU since 1997.

**Young, George A.; B.S., M.S., Ph.D.**

*Associate Professor of Marketing*

B.S., M.S., Arizona State University; Ph.D., Michigan State University. At LU since 2004.

**Young, Jr., Robert B.; B.S., M.S.**

*Chair, Department of Mathematics*

*Associate Professor of Mathematics*

B.S., Liberty University; M.S., North Carolina State University. At LU since 2007.

**Zabloski, James L; B.S., M.S., Ed.S., Ed.D.**

*Assistant Professor of Education*

B.S., Baptist Bible College; M.S., Pensacola Christian College; Ed.S., Ed.D., Liberty University. At LU since 2009. (D)

**Zaffke, Virginia; B.A., M.A.**

*Assistant Professor of Business Management Information Systems*

B.A., Bethel College; M.A., College of St. Thomas. At LU since 1995.

**Zealand, Clark; B.S., M.A., Ph.D.**

*Director, Graduate Programs in Sport Management*

*Associate Professor of Sport Management*

B.S., M.A., Liberty University; Ph.D., University of Waterloo , Ontario. At LU since 2008.

**Zuidema, Brandon; B.S., M.S.**

*Instructor of Criminal Justice*

B.S., State University of New York; M.S., Longwood University. At LU since 2007. (D)

**Zuidema, Ryan; B.S., M.B.A.**

*Instructor of Criminal Justice*

B.S., State University of New York; M.B.A., Averett University. At LU since 2012. (D)

**Zuidema, Spring I.; B.A., M.A.**

*Instructor of English*

B.A., Lynchburg College; M.A., Longwood University. At LU since 2006. (D)

## Part-Time Faculty Roster

**Abernathy, Jane E; B.S., M.A.**
*Adjunct Instructor of Psychology*

B.S., Appalachian State University; M.A., Liberty University.  
At LU since 2009. (D)

**Abraham, David Rajan; B.S., M.S., Th.M., Ph.D.**
*Adjunct Instructor of Religion*

B.S., College of Engineering Guindy; M.S., Reg College of  
Engineering-Trichy; Th.M., Dallas Theological Seminary; Ph.D.,  
Walden University. At LU since 2011. (D)

**Adams, April; B.S., M.S., Ph.D.**
*Adjunct Instructor of Business*

B.S., M.S., Auburn University; Ph.D., Mississippi State  
University. At LU since 2008. (D)

**Adams, Bonnie L; B.S., M.S., D.B.A.**
*Adjunct Instructor of Business*

B.S., Montana State University; M.S., Eastern Washington  
University; D.B.A., Argosy University-Seattle. At LU since 2013.  
(D)

**Ade, Arllen Bassek; B.A., Ph.D.**
*Adjunct Instructor of Psychology*

B.A., Ph.D., Liberty University. At LU since 2011. (D)

**Adkins, Matthew Ray; B.S., M.S.**
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B.S., Liberty University; M.S., Regis University. At LU since  
2013. (D)

**Adler, Mark Edmund; B.S., M.A., Ph.D.**
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B.S., Cairn University; M.A., Ph.D., Talbot Theological  
Seminary. At LU since 2013. (D)

**Albareda, Jose; B.A., M.S.**
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Phoenix. At LU since 2012. (D)

**Aleshire, William D; B.M., Th.M., M.Div.**
*Instructor of Religion*

B.M., Stetson University; Th.M., M.Div., Southeastern Baptist  
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**Allanson, Patricia; B.S.E., M.Ed., Ed.S., Ed.D.**
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B.S.E., M.Ed., University of Central Florida; Ed.S., Ed.D.,  
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**Allen, Christina; B.S., M.A.**
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**Alley, Chris Gerald; B.A., M.Div.**
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**Anderson, Julia Gulick; B.S.**
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**Anderson, Nancy A; B.S., Ph.D.**
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B.A., Gordon College; M.A., Wheaton College; Ph.D., Regent University. At LU since 2010.

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B.A., B.S., University of North Carolina at Pembroke; M.MUS., University of North Carolina at Greensboro; M.A., M.Div., Ed.D., Southeastern Baptist Theological Seminary. At LU since 2012. (D)

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**Haskell, Brian; B.S., M.B.A., M.S., M.S.***Adjunct Instructor of Business*

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