

# LIBERTY

UNIVERSITY.®

2013-14 | UNDERGRADUATE CATALOG



**LIBERTY UNIVERSITY®**

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

**UNDERGRADUATE CATALOG****2013-2014**

*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.*

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.

*University Calendar 2013-2014\****FIRST SEMESTER****August 5, Monday**

Faculty Return

**August 7 – 13**

Faculty Orientation

**August 13, Tuesday**

Early Residence Hall check-in begins at 6 PM for new students who have completed financial check-in

**August 14, Wednesday**Residence Halls open for New Students  
Dining Hall opens for lunch for new students  
Financial check-in and orientation for new and transfer undergraduate students (Required)**August 14-17, Wednesday - Saturday**Orientation, Freshman Seminar and Registration  
Required for all new, transfer and former UG students**August 15, Thursday**

Graduate Orientation – required for all new, transfer and former graduate students

**August 16, Friday**Residence Halls open for returning students at 1 PM  
Meal Plans begin at lunch for returning students  
Registration for returning and former students**August 19, Monday**

Classes begin, 7:40 AM

**August 19 – 23, Monday – Friday**

Add/Drop Week

**August 23, Friday**

Last day to add or drop a class at 4 PM

**October 3 – 4 Thursday – Friday**

Fall Break

**November 22, Friday**

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

**November 22, Friday**Thanksgiving Vacation begins after last class  
Dining Hall closes after dinner**November 25 – 29, Monday – Friday**

Thanksgiving vacation

**December 4, Wednesday**Last day of classes  
Last day to withdraw from a GR class with a "W"**December 5, Thursday**

Reading Day

**December 6 – 13, Friday - Friday**

Final Examinations

**December 13, Friday**Final Exam Make-up Day  
Fall semester ends  
Residence Halls close at noon  
Dining Hall closes after dinner**December 20, Friday**

Final grades due

**WINTER INTERSESSION****December 30 – January 10****SECOND SEMESTER****January 6, Monday**

Faculty Return

**January 8, Wednesday**Residence Halls open for New Students  
Dining Hall opens for lunch for new students  
Financial check-in and orientation for new and transfer undergraduate students (Required)**January 8 – 11, Wednesday – Saturday**Orientation, Freshman Seminar and Registration  
Required for all new, transfer and former UG students**January 9, Thursday**

Graduate Orientation – required for all new, transfer and former graduate students

**January 10, Friday**Residence Halls open for returning students at 1 PM  
Meal Plans begin at lunch for returning students  
Registration for returning and former students**January 13, Monday**

Classes begin, 7:40 AM

**January 13 – 17, Monday – Friday**

Add/Drop Week

**January 17, Friday**

Last day to add or drop a class at 4 PM

**March 7, Friday**Spring Vacation begins after last class  
Dining Hall closes after dinner**March 10 – 14, Monday – Friday**Spring Break  
Spring Intensives**April 9, Wednesday**

Annual Assessment Day

**April 11, Friday**

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

**April 21, Monday**Easter Holiday  
No Classes**April 29, Tuesday**Last day of classes  
Last day to withdraw from a GR class with a "W"**April 30, Wednesday**

Reading Day

**May 1 – May 6, Thursday – Tuesday**

Final Examinations

**May 7, Wednesday**

Residence Halls close at noon

**May 9, Friday**Baccalaureate Service  
Spring semester ends**May 10, Saturday**Commencement  
Dining Hall closes after breakfast**May 16, Friday**

Final grades due

**May 21-23, Wednesday – Friday**

Faculty Workdays

**SUMMER SESSION****May 12 – August 15**\*The University calendar is posted online at [www.liberty.edu/registrar](http://www.liberty.edu/registrar)

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

## *From the President*



In 1971, Liberty University was established with the vision of *Training Champions for Christ*; individuals who are primed and ignited in their passion to excel in a chosen career field and are spiritually grounded in their faith.

Today, with nearly 100,000 students residually and online, Liberty is now the nation's largest private, nonprofit, four-year university; Virginia's largest four-year university; and most importantly, the world's largest Christian university.

With a unique blend of academic excellence and conservative Christian values, Liberty challenges tomorrow's leaders to defend the founding principles of our nation, to influence the course of America, and to be a *Champion for Christ*.

You have the opportunity to be part of this vision!

I invite you to join us for an educational experience that will challenge you, change you, and prepare you for the career of your dreams.

Jerry Falwell, Jr.  
*President*

## *From the Provost*

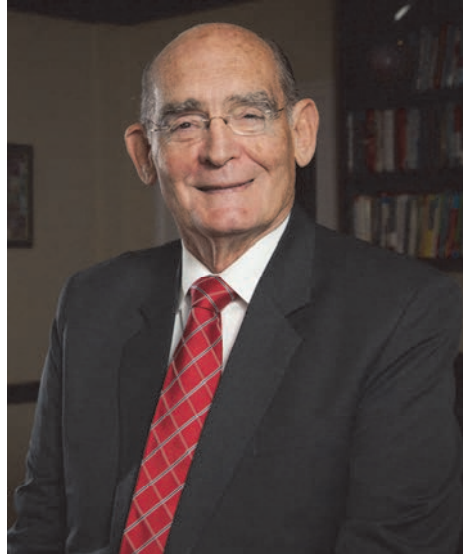
Liberty University exists today because of one of the most gifted and talented pastors and leaders of our generation. During his entire ministry Dr. Jerry Falwell demonstrated the heart of a pastor, the keen mind of a world class educator, and the courage and vision of a great citizen statesman. His greatest passion was to establish a Christian university that would be for protestant Christians what Brigham Young is for Mormons and Notre Dame is for the Roman Catholics. Today America, the world, and Christians everywhere are the beneficiaries of his vision and incredibly tenacious faith.

Safely beyond its struggles to survive during its pioneer years, and now enjoying the visionary and yet prudent leadership of Chancellor Jerry Falwell Jr., Liberty is continuing to dramatically expand its facilities, programs, and enrollments. Already it has become the largest private Christian University in the world.

Liberty faculty now number more than 3,000 full-time and part-time faculty, with over seventy percent possessing terminal degrees. Liberty University's faculty are committed to teaching their students to explore the vital linkages between faith and learning. Liberty's distinctively different teaching occurs in the classroom, but it occurs also via a wide range of carefully supervised and reality based experiences, including internships, externships, and cross-cultural exposures. To be clear, the Liberty educational experience can and frequently does take place through a wide variety of traditional, online, and experiential methods of instructional delivery.

Liberty continues to rapidly increase its academic offerings. Offering a wide range of degree options purposely aims at providing our students with a marvelous array of career opportunities. The addition of a College of Osteopathic Medicine, a School of Health Sciences, and a School of Music are proof that Liberty has become a full service university, offering its students a plethora of career options. But, at Liberty we do more than simply educate and train our students.

Without apology our mission is to educate Champions for Christ who are prepared to also utilize their education to become lifelong agents of cultural transformation and exponents of the Great Commission. To this end we are both grateful and proud that Liberty graduates are increasingly taking their place in positions of leadership in America and around the globe. May I invite you to enroll at Liberty and to become, regardless of your chosen career, a champion of your generation?



Ronald S. Godwin  
*Senior Vice President for Academic Affairs and Provost*

# General Information

## FOUNDED

1971

## LOCATION

Liberty University is located in the heart of Virginia in Lynchburg (population 72,000) 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 258 buildings that consist of over four and a half 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

Bachelor of Science, Bachelor of Arts, Bachelor of Music, Associate of Arts, and Associate of Applied Science degrees are offered. The College of Arts & Sciences offers the Master of Arts degree in the fields of English, History, and Philosophical Studies. The College of Osteopathic Medicine offers the Doctor of Osteopathic Medicine degree. The Alton W. & Lois H. Overton Graduate School of Business offers the Doctor of Business Administration, Master of Business Administration, Master of Arts in Management and Leadership, and the Master of Science in Accounting and Master of Science in Information Systems degrees. The School of Communication & Creative Arts offers the Master of Arts in Strategic Communication. The School of Education offers the Doctor of Education, Educational Specialist, Master of Education, Master of Arts in Teaching, and Master of Science in Sport Management degrees. Helms School of Government offers the Master of Arts in Public Policy and Master of Science in Criminal Justice degrees. The School of Health Sciences offers the Doctor of Philosophy in the field of Counseling, the Master of Arts degree in the fields of Counseling, Marriage and Family Therapy, and Human Services Counseling, the Master of Public Health, the Master of Science in Biomedical Sciences, and the Master of Science in Nursing degrees. The School of Law offers the Juris Doctorate. The School of Music offers Master of Arts degrees in Ethnomusicology, Music and Worship, and Worship Studies. Liberty University Baptist Theological Seminary offers the Master of Divinity, Master of Arts in Christian Ministry, Master of Arts in Global Studies, Master of Arts in Pastoral Counseling, Master of Arts in Religion, Master of Arts in Theological Studies, Master of Religious Education, Master of Theology, Doctor of Ministry, and Doctor of Philosophy degrees.

## COLORS

Blue, red, and white

## TELEPHONE

434-582-2000

## WEBSITES

<http://www.liberty.edu>; <http://www.libertyu.com>; and <http://www.luonline.com>

## ACADEMIC CALENDAR

Two semesters with a Winter Intersession and Summer Session

## ACCREDITATION AND MEMBERSHIPS

The University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (1866 Southern Lane; Decatur, Georgia 30033-4097; 404-679-4501) to award associate, bachelor, master, specialist and doctoral degrees. The Commission may be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard.

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 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 Nursing Department is approved by the Virginia Board of Nursing (VBN) and accredited by the Commission on Collegiate Nursing Education (CCNE).

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.

*Liberty University admits students of any race, color, national and ethnic origin, to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. The University does not discriminate on the basis of race, religion, color, sex, national or ethnic origin, age, or physical disability, in the administration of its educational policies, admissions policies, scholarship and loan programs, athletic and other school-administered programs.*

#### 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, 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.
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, November 12, 2010*

### ***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.

## *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**

Currently under construction, this 138,000 square-foot, four-story building will house the College of Osteopathic Medicine and an expanded School of Health Sciences. It is expected to be completed by spring 2014.

### **COMMUNITY GARDEN**

Located on Sunnymead 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-Esbenshade 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.

### THE 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 former 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**

Opening 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 conscience 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.

**TEACHER EDUCATION HALL**

Identified by the rock in front of its doors, this building in the quad boasts of the creativity of the elementary education students. The walls are lined with creative bulletin boards bringing back memories of early childhood school days.

**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.

Now, 28 years later, the initial goal to provide quality Christian education to students around the world has remained intact. Currently, Liberty University Online services over 80,000 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 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.

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.

**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 those states whose requirements differ are available from Liberty University Online Advising.



*Liberty University Online  
Academic Calendar 2013– 2014*

The Liberty University Online academic school year consists of three terms: fall, spring, and summer. Terms consist of three eight-week sub-terms, and one semester-long sub-term which can range from fourteen to seventeen weeks in length. View the Liberty University Online Academic Calendar at: <http://www.liberty.edu/online/academic-calendar/>.

**Fall Semester 2013 – 17-week and 8-week (2013-40)**

*Registration for Fall 2013 opens June 5<sup>th</sup>, 2013*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop/Add Period	Start Date	End Date	Grades Dues
2013	40	R				8/19/13	8/19-23/13	8/19/13	12/13/13	12/20/13
2013	40	J				Various	Various	8/19/13	12/13/13	12/20/13
2013	40	A	7/24/13	8/07/13	8/12/13	8/13/13	8/13-18/13	8/19/13	12/13/13	12/20/13
2013	40	B	7/24/13	8/07/13	8/12/13	8/13/13	8/13-18/13	8/19/13	10/11/13	10/23/13
2013	40	C	8/21/13	9/04/13	9/09/13	9/10/13	9/10-15/13	9/16/13	11/08/13	11/20/13
2013	40	D	9/25/13	10/09/13	10/14/13	10/15/13	10/15-20/13	10/21/13	12/13/13	12/20/13

**Winter Semester 2013 – Winter Intensives (2014-10)**

*Registration for Winter 2013 opens September 25<sup>th</sup>, 2013*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop/Add Period	Start Date	End Date	Grades Dues
2014	10	J						12/16/2013	1/10/14	

**Spring Semester 2014 – 17-week and 8-week (2014-20)**

*Registration for Spring 2014 opens September 25<sup>th</sup>, 2013*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop/Add Period	Start Date	End Date	Grades Dues
2014	20	R				1/13/14	1/13-17/14	1/13/14	5/09/14	5/16/14
2014	20	J				Various	Various	1/13/14	5/09/14	5/16/14
2014	20	A	12/18/13	1/02/14	1/06/14	1/07/14	1/07-12/14	1/13/14	5/09/14	5/21/14
2014	20	B	12/18/13	1/02/14	1/06/14	1/07/14	1/07-12/14	1/13/14	3/07/14	3/19/14
2014	20	C	1/15/14	1/29/14	2/03/14	2/04/14	2/04-09/14	2/10/14	4/04/14	4/16/14
2014	20	D	2/19/14	3/05/14	3/10/14	3/11/14	3/11-16/14	3/17/14	5/09/14	5/21/14

**Summer Semester 2014 – 14-week and 8-week (2014-30)**

*Registration for Summer 2014 opens February 19<sup>th</sup>, 2014*

Year	Term	Sub-term	Acceptance Deadline	Registration Deadline	Financial Check-In Deadline	Student Access to Course	Drop/Add Period	Start Date	End Date	Grades Dues
2014	30	J				Various	Various	5/12/14	8/15/14	8/27/14
2014	30	A	4/16/14	4/30/14	5/05/14	5/06/14	5/06-11/14	5/12/14	8/15/14	8/27/14
2014	30	B	4/16/14	4/30/14	5/05/14	5/06/14	5/06-11/14	5/12/14	7/04/14	7/16/14
2014	30	D	5/28/14	6/11/14	6/16/14	6/17/14	6/17-22/14	6/23/14	8/15/14	8/27/14

**Please note: Only limited courses are available each semester 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 being less than full-time (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 constitutes part time status
- Graduate students enrolled in less than 9 hours 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

## 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 am – 9:00 pm EST

SAT 10:00 am – 6:00 pm 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 <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

- Application Fee – \$40.00 (non-refundable, non-transferable)**
- 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:

- 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.
- 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 I (SAT I) or the American College Testing (ACT) exam. Liberty University does not recognize the essay portion of the SAT I 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 I 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 II’s 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 I may be obtained via the Internet at <http://www.collegeboard.org> or by writing to: The College Board; SAT Program; P.O. Box 025505; Miami, FL 33102. 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 I 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., SACS, 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 <http://www.libertyu.com> 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 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 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.

### **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 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 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 a TOEFL score of 61 (IBT) or an equivalent score of 5.5 on the International English Language Testing System (IELTS) or of 44 on the Pearson Test of English (PTE). Some particular programs of study 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 TOEFL, IELTS, or PTE 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 the TOEFL may be obtained from: TOEFL Services; The Education Testing Service; PO Box 6151; Princeton, New Jersey 08541 or online at [www.toefl.org](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>.

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 29.

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 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 web page at <http://www.libertyu.com> or <http://www.liberty.edu>.

#### **EDWARD VIA VIRGINIA COLLEGE OF OSTEOPATHIC MEDICINE**

Edward Via Virginia College of Osteopathic Medicine (VCOM) and Liberty University (LU) have agreed to cooperate in a program by which a Liberty student is offered early acceptance to VCOM following a distinct academic protocol and the demonstration of high academic achievement.

In addition, VCOM and LU have created a combined studies program where a student may attend LU for three years, gain admission to VCOM and then complete his or her baccalaureate degree with LU through credits earned in select VCOM courses. VCOM has reserved seats in both programs for LU students who meet the program requirements.

VCOM offers the Doctor of Osteopathic Medicine (D.O.) degree, which is recognized in every state as the full practice of medicine. The D.O. philosophy includes the practice of medicine from the whole person approach, paying attention to the physical, spiritual, and mental needs of each patient, and partnering with the patient to prevent disease. VCOM trains a student to practice compassionate and altruistic medical care and its training programs include international and Appalachian medical missions. Visit <http://www.vcom.vt.edu> for additional information.

Details concerning each program that is a part of the articulation agreement are available from the Program Coordinator in the Department of Biology and Chemistry (434-582-2209) or [MedicalCoordinator@liberty.edu](mailto:MedicalCoordinator@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: <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 <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.**

*Executive Director of Admissions, Liberty University Online*

## General Requirements

Prospective students who wish to speak to an Admissions Consultant 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 Consultant or online at <http://www.liberty.edu/online>.

### Liberty University Online Admissions Office:

Phone: 1-800-424-9595

Fax: 1-800-628-7977

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

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

### Hours of Operation:

Mon. – Fri. 8:00 am – 10:00 pm EST

Sat. 10:00 am – 9:00 pm 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.

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:

- Preliminary transcript – must reflect all coursework and final grades received for grades 9-11, an overall grade point average (GPA).
- Final transcript – must reflect all coursework and final grades received for grades 9-12, must list graduation date, an overall GPA.
- 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 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

**5. B.S. in Aeronautics program**

Students who are interest in the B.S. in Aeronautics program must also submit a copy of a valid commercial pilot’s license.

**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.

***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.

1. *ENGL 100/Basic Composition*. This course is available to students who do not have a strong back-ground in English grammar and basic composition.
2. *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.

**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.

**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.

**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., SACS, 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 a member of the Servicemembers Opportunity Colleges (SOC) Consortium and the SOC Degree Network System.

Servicemembers Opportunity Colleges (SOC), established in 1972, is a consortium of national higher education associations and more than 1,700 institutional members. SOC Consortium institutional members subscribe to principles and criteria to ensure that quality academic programs are available to servicemembers. A list of current SOC Consortium member institutions can be found on the SOC website at <http://www.soc.aascu.org/>.

The University offers a SOC student agreement and military benefits to all active military personnel, veterans, Department of Defense employees, and military spouses who are enrolled in the online program. These 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).

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 accepts into its undergraduate 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 a 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 <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.

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

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

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### Hours of Operation:

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### Mailing Address:

Liberty University Online  
 Attn: Admissions Office  
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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.

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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

The following undergraduate certificates are available through Liberty University Online:

Certificate in Accounting  
 Certificate in Biblical Studies  
 Certificate in Business Administration  
 Certificate in Christian Ministry

Certificate in Criminal Justice  
 Certificate in Healthcare Management  
 Certificate in International Business  
 Certificate in Military Resilience  
 Certificate in Paralegal Studies  
 Certificate in Preschool Studies  
 Certificate in Public Administration

## 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 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.

### 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.)

### 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

## Larry Shackleton, B.A., M.S.

Vice President for Administrative Information Management

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

University Registrar

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

Senior Associate Registrar

## W. Michael Floyd, B.S., M.A.R.

Associate Registrar for Academic Operations

## Tom Calvert, B.S.

Associate Registrar – Undergraduate Residential

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

Assistant Registrar – Undergraduate Residential

## 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.

## 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.

## 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

<u>Grade</u>	<u>Meaning</u>	<u>Quality Points Per Semester Hour</u>
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
W	Withdrew	0

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.

## DEAN'S LIST

Undergraduate students who earn 12 or more 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.

## 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 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.

## 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.

## 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., SACS, 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 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 be awarded academic credit toward their undergraduate degrees through testing. Credit may be earned through the Advanced Placement, CLEP, ICE, DSST, Excelsior and Aviation 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	HUMN 101	3
Biology	3	BIOL 101 & 103	4
Calculus AB	3	MATH 131	4
Calculus BC	3	MATH 131	4
	4	MATH 131 & 132	8
Calculus AB Sub-score	3	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
	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
Government & Politics: US	3	GOVT 220	3
Human Geography	3	GEOG 200	3
Physics B	3	PHYS 201	4

AP Title	Required Score	LU Course(s)	Credit Hours
	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
Spanish Language	4	SPAN 101, 102 & 201	9
	5	SPAN 101, 102, 201 & 202	12
Statistics	3	MATH 201	3
Studio Art Drawing	3	ARTS 210	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; PO 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.

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

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	50	ENGL 2XX	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
	59	FREN 101/ 102/ 201/ 202	12
German Language	38	GRMN 101	3
	50	GRMN 101/102	6
	57	GRMN 101/102/ 201	9
	60	GRMN 101/102/ 201/202	12

CLEP Subject Area	Minimum Score	LU Course(s)	Credit Hours
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	HUMN 101 ENGL 2XX	6
Information Systems and Computer Applications	50	INFT 1XX	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 HIST 2XX	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 CANNOT be taken 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	THEO 497
CSCI 111*	121)	
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 (DSST) program. The DSST program is administered by Educational Testing Services (ETS) in conjunction with DANTES. Examinations are available to both military personnel and civilians. A minimum score of 50 is required for **Liberty University Online** programs. Computer-based tests in the DANTES DSST program are administered in the Bruckner Learning Center, Testing Services. The Liberty University registration fee is \$50. The DSST fee is \$80.

**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.

**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. Credit will be limited to a maximum of 30 hours.

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 must receive tentative approval from the Department Chair for each course for which they are seeking credit. **A separate portfolio** must be submitted for each course. An administrative fee of \$100 will be charged for each portfolio submitted for assessment. (**Liberty University Online students** seek tentative approval from the Portfolio Coordinator at portfolio@liberty.edu).

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 on the Internet at <http://www.luonline.com/portfolio>.

**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.

**COURSEWORK AT OTHER INSTITUTIONS**

Prior to registering for any course at another institution, students must submit a Transient Approval form. The online form can be found on the registrar's office webpage.

**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.

**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 acceptance into 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**

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.

**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 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.

**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 pre-approved by the academic department 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/dcps>. 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 Students 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, 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

1. A Course Substitution Form may be used when a student wishes to *substitute* course for a required Liberty course when there is a clear relationship between the two courses. In this instance, the signature of the chairperson presiding over the department in which the required course is housed will be needed.
2. This form may also be used when a chairperson approves a complete *replacement* for a Liberty course requirement within the major or minor for which he/she is responsible. In this instance, the signature of the chairperson of the student's major or minor will be needed.
3. Course substitutions within the General Education core (associate and bachelor's degree programs) must be approved by the Dean of the College of General Studies.

4. Students desiring to use another course in place of a required course must complete a "Course Substitution Request" form and submit it to the Registrar's Office with all required signatures.
5. The approval of the substitution will apply toward the degree requirement(s), but does not change the course number on the student's transcript. A lower-level course which may substitute for an upper-level requirement does not count in the total number of upper-level hours taken.

#### **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 without a grade, tuition, and fee charges within the first five days of the semester. From the sixth day until around the 10<sup>th</sup> week of class (see academic calendar for exact date), a Fall/Spring course may be withdrawn with a grade of "W".** The student will be responsible for the tuition and fees for the course. All course withdrawals after the 5th day will be recorded as "W". "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 signed 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.

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.*

A 1-2 week intensive course may be dropped without a grade or tuition charges through the first day of that class up to 4:00 p.m. A 1-2 week intensive course may be dropped with a grade of "W" from the second day of class through noon on the last day of that class. *The student will be responsible to pay the tuition and fees for the course.*

A summer school course (3-8 week) may be dropped without a grade or tuition charges through the third day of class until 4:00 pm. The student is responsible for tuition and fees after this deadline. A summer school course (3-8 week) may be dropped with a grade of "W" by 4:00 pm on the fourteenth business day after the first day of class.

**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: Withdrawals 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.

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. Consideration will be given to students withdrawing due to circumstances beyond their control. The Registrar's Office will determine the official withdrawal date based upon the extenuating circumstances.

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<sup>^</sup>, 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

<sup>^</sup> 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 13-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 the 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 13-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 the 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 13-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 the 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.

**II. 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-blatant 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-blatant) 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.

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.

**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 requirements, major requirements, and in most 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.
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 above. Certain majors require a grade of C or above 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. Thirty (30) semester hours of the bachelor's coursework 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. Fifteen (15) semester hours within the associate's degree must be completed at Liberty, and with the exception of the A.A. in Interdisciplinary Studies, 50% of the hours in the major component of the Associate degree must be completed at Liberty.
9. FRSM 101 (Freshman Seminar) is required.
10. CRST 290 (Creation Studies) is required.
11. Technology Competency
12. Submission of graduation 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. All CLEP and ICE tests must be completed prior to the start of the student's final semester.

#### TIME LIMITS FOR DEGREE COMPLETION

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 Completion Plan (DCP) 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

## Larry Shackleton, B.A., M.S.

*Vice President for Academic Information Management*

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

*University Registrar*

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

*Senior Associate Registrar*

## W. Michael Floyd, B.S., M.A.R.

*Associate Registrar for Academic Operations*

## Kailyn Cheung, B.S., M.S.

*Assistant Registrar for Academic Operations*

## Helene Vance, B.A., M.B.A.

*Associate Registrar for Online Undergraduate Programs*

## Emily Stavrianos, B.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.

## 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.

For Financial Aid purposes, full-time/part-time status will be determined by the number of hours for which the student initially enrolled in the semester. For example, if a student enrolls for the first time in the semester in the third sub-term, the number of hours the student takes in that sub-term will determine full-time/part-time status. A part-time student who adds courses for subsequent sub-terms of the same semester will still be considered part-time for the entire semester and will not be eligible to use additional financial aid until the following 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.

## 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

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 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.

## 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., SACS, 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 Office of Admissions.

Credit will be accepted for those courses that are college 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. 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. **NOTE: transfer credit is not applicable to certificate seeking students.**

**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 be awarded 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 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. An administrative fee will be charged to have this credit added to Liberty transcripts.

AP Title	Required Score	LU Course(s)	Credit Hours
Art History	3	HUMN 101	3
Biology	3	BIOL 101 / 103	4
Calculus AB	3	MATH 131	4
Calculus BC	3	MATH 131	4
	4	MATH 131 / 132	8
Calculus AB Sub-score	3	MATH 131	4
Chemistry	3	CHEM 121 / 122	8
Chinese Language & Culture	3	CHIN 101 / 102	6
	4	CHIN 101 / 102 / 201	9
	5	CHIN 101/ 102/ 201 / 202	12
Comparative Politics	3	GOVT 330	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
European History	3	HIEU 201 / 202	6
French Language	3	FREN 101 / 102	6
	4	FREN 101 / 102 / 201	9

AP Title	Required Score	LU Course(s)	Credit Hours
German Language	5	FREN 101 / 102 / 201 / 202	12
	3	GRMN 101 / 102	6
	4	GRMN 101 / 102 / 201	9
	5	GRMN 101 / 102 / 201 / 202	12
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
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 210	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. CLEP’s are national general and subject exams. A list of courses that are accepted at Liberty University via CLEP is included below. Students are encouraged to check the minimum score requirement prior to taking the exam. 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	50	ENGL 2XX	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
French Language	38	FREN 101	3

**ACADEMIC INFORMATION AND POLICIES – ONLINE PROGRAM**

CLEP Subject Area	Minimum Score	LU Course(s)	Credit Hours
	50	FREN 101/102	6
	57	FREN 101/ 102/ 201	9
	59	FREN 101/ 102/ 201/ 202	12
German Language	38	GRMN 101	3
	50	GRMN 101/102	6
	57	GRMN 101/102/ 201	9
	60	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	HUMN 101 ENGL 2XX	6
Information Systems and Computer Applications	50	INFT 1XX	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 HIST 2XX	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 attempted. 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](mailto: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 *Survey of Biblical Literature*
  - BIBL 105 *Old Testament Survey*
  - BIBL 110 *New Testament Survey*
  - BIBL 323 *The Gospel of John*
  - BIBL 364 *Study of Acts*
  - BIBL 425 *Study of Romans*
  - CHHI 301 *History of the Christian Church*
  - CHHI 302 *History of the Christian Church II*
  - BMIS 200 *Enterprise Business Applications and Communications*
  - BMIS 208 *Application Programming*
  - THEO 104 *Introduction to Christian Thought*
  - THEO 201 *Theology Survey I*
  - THEO 202 *Theology Survey II*

**DANTES SUBJECT STANDARDIZED TESTS (DSSTs)**

DANTES Subject Standardized Tests (DSSTs) exams are approved for credit in the **Liberty University Online** program. Undergraduate college credit may be earned through the DANTES Subject Standardized Tests (DSSTs) program. The DSST program 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>.

**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 [www.luonline.com/portfolio](http://www.luonline.com/portfolio).
- 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.

#### 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.

#### COURSEWORK AT OTHER INSTITUTIONS

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

#### 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.

#### 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. Major changes become effective for the semester following their request.

#### 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 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 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, 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 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-hours of which 30-hours must be unique in the core of the 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 immediately see how their credits will apply towards a different program. PDF versions of all CCPs are available online at <http://www.liberty.edu/dcps>.

#### 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/dcps>.

**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. 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 Students 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.

**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.

**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. After this time period, no class may be added or dropped without a grade. 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 until students have attended. Class attendance is defined as any submission to Blackboard within the enrollment dates of the course (such as examinations, written papers or projects, any discussion board posts, etc.), any required submissions outside of Blackboard within the enrollment dates of the course (MyLabsPlus, MyITLab, Late Nite Lab, Connect, Rosetta Stone, etc.) or initiating any communication with the professor regarding an academic subject. 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.

An intensive may be dropped without a grade or a tuition charge through the end of the first day of class. After the close of the first day through noon of the last day, a course may be withdrawn with a grade of "W" and the student will be liable for tuition and fees.

Students who do not attend any sessions of an intensive in which they are enrolled will be dropped from the course and will be charged an administrative fee.

**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 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

<sup>^</sup>Including sub-terms

**UNOFFICIAL WITHDRAWALS**

The U.S. Department of Education requires that every university monitor the attendance of their students. Liberty University uses the following definitions in determining student attendance:

**Online attendance definition:** Any submission to Blackboard within the enrollment dates of the course (such as examinations, written papers or projects, any discussion board posts, etc.), any required submission outside of Blackboard within the enrollment dates of the course (MyLabsPlus, MyITLab, Late Nite Labs, Connect, Rosetta Stone, etc.), or initiating any communication with the professor regarding an academic subject. \*This definition is based upon the delivery format of the course and not the student's enrollment status (online versus on-campus).

Students who begin an online course, but at some point in the semester cease attending, and do not provide official notification to 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 above). 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. "FN" indicates that the student ceased attendance and failed to complete the course objectives.

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/fapolicies>.

**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 only if the student was incapacitated during the 21 days of inactivity. Being incapacitated means that conditions were such that it was absolutely impossible for the student to communicate with the professor or academic advisor during the 21 days of inactivity. This appeal must be communicated in written form to the faculty member within 1 week of the notification of the "FN" grade being posted. The faculty member will confer with their Associate Dean/Chair and Academic Support in order to review and make a determination concerning the status of the appeal.

***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.

**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:

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 (72–95.99 hours)	2.00
Level 5 (96 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.

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.

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.

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**.

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 CODE OF HONOR FOR  
ONLINE 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 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 servicemember 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 24502.

**COURSE SUBSTITUTIONS**

A course substitution should not be made from one discipline to another. An exception may be made in cases where the title and description of the course clearly show relationship to another discipline. Each department will develop a list of courses which may fall into this category.

Course substitutions should be made with discretion. Course substitutions are not for the purpose of giving the student a concentration which does not exist at Liberty, nor are they to be utilized merely to enable a student to graduate on time.

Undergraduate associate and bachelor level students desiring to use another course in place of a required course must complete a "Course Substitution Request" form and submit it to



[luotransfer@liberty.edu](mailto:luotransfer@liberty.edu). Course substitutions are not applicable for certificate seeking students.

### 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.

### 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>.

### 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.

**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 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>.

**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. Thirty (30) semester hours of the bachelor's coursework 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. Fifteen (15) semester hours within the associate's degree must be completed at Liberty, and with the exception of the A.A. in Interdisciplinary Studies, 50% of the hours in the major component of the A.A. degree must be completed at Liberty.

**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 CERTIFICATE COMPLETION**

Students pursuing a certificate must complete the certificate requirements within three (3) 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 Certificate Completion Plan (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 certificate requirements in effect at the time of their readmission.

**TIME LIMITS FOR DEGREE COMPLETION**

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 Completion Plan (DCP) 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 2013 – 2014

TUITION	Per Hour	Per Semester	Per Year
Undergraduate (Full-Time) (12 – 18 semester hours)		\$9,743	\$19,486
More than 18 semester hours	\$650		
Part-Time (less than 12 semester hrs)	650		
Summer	340		
English Language Institute		4,410	8,820
English Language Institute (Summer)		2,756	

### HOUSING/ROOM & BOARD:

#### Housing Fees:

Tier 1: Residential Annex	3,525	7,050
Tier 2: Main Campus	3,988	7,976
Tier 3: Campus East: 3-person	4,098	8,196
Tier 4: Quad Living	4,334	8,668
Tier 5: Campus East: 2-person	4,609	9,218

### ANNUAL FEES (Mandatory):

Activity Fee/Student Center Fee	307	614
Technology Fee	334	668

### 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)			200 (max)	

### Assessment Fees:

Computer Skills	55			
Drop/Add Fee (per course)	10			
Graduation Application Fee	100			
Late Check-in 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	
Payment Plan Participation Fee	45	
Payment Plan Change Fee (per change)	25	

### EXPERIENTIAL LEARNING:

Test	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	9,743
Housing and Metro	4,150
Technology Fee	334
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 complete 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 web page 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 Tuition Payment Plan (TPP) 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 Tuition 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 Tuition Payment Plan.

Those students who enter a TPP 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 TPP 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 TPP 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 Tuition 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.

#### 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.

#### TECHNOLOGY FEE

All students, regardless of on-campus, off-campus, full- or part-time status, are required to pay a Technology Fee each semester to help provide for the operation and modernization of Liberty University's technological capabilities. These capabilities offer direct and indirect benefits to our students. These funds contribute to improving educational and classroom facilities, information services accessible both on and off campus, student services, and administration.

**ALL** students taking an **intensive** course on campus will be charged a technology fee. If a student has already paid the semester technology fee in which the intensive is taken, an additional technology 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 the Student Accounts Office 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. Students register their refund preferences with their Higher One card. 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 may be processed as follows, depending on the origination of funds.**

1. *Credit/Debit Card Refunds*

When requested, credit balances resulting from credit or debit card payment(s) will be refunded, but only to the same card used when payment was processed.

2. *All Other Refunds (i.e. Cash, Check, E-Check, ACH Drafts)*

Credit balances will be refunded by check to the students ONLY, or through the Higher One Card if requested.

#### 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 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.

#### 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 – 2013-2014**

	One Time	Per Hour	Per Term
<b>TUITION:</b>			
Full-time (12 or more semester hours)		\$340	\$4,080
Part-time (11 semester hours or less)		385	
Military		250	
The Edge High School Dual Enrollment (per course)		495	
Willmington School of the Bible		99	
Liberty University en Español Certificate Programs		99	
<b>MANDATORY FEES:</b>			
Technology Fee			175
Technology Fee – Willmington School of the Bible			50
<b>BASIC FEES:</b>			
Application Fee (non-refundable)	\$50		
Readmission Application Fee	50		
<b>CONDITIONAL FEES:</b>			
Financial Check-in Late Payment Fee			125
On-Campus Intensive Fee (per course)	25		
On-Campus Intensive Technology Fee		15	
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
Payment Plan Change (per change)			25
<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 Tuition Payment Plan (TPP) 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 Tuition 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 Tuition Payment Plan.

Those students who enter a TPP 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 TPP 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 TPP 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 Tuition 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. 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.

**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.

**TECHNOLOGY FEE**

All students, regardless of on-campus, off-campus, full- or part-time status, are required to pay a Technology Fee each semester to help provide for the operation and modernization of Liberty University's technological capabilities. These capabilities offer direct and indirect benefits to our students. These funds contribute to improving educational and classroom facilities, information services accessible both on and off campus, student services, and administration.

**ALL** students taking an **intensive** course on campus will be charged a technology fee. If a student has already paid the semester technology fee in which the intensive is taken, an additional technology 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 the Student Accounts Office 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. Students register their refund preferences with their Higher One card. 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 may be processed as follows, depending on the origination of funds.**

1. *Credit/Debit Card Refunds*  
When requested, credit balances resulting from credit or debit card payment(s) will be refunded, but only to the same card used when payment was processed.
2. *All Other Refunds (i.e. Cash, Check, E-Check, ACH Drafts)*  
Credit balances will be refunded by check to the students ONLY, or through the Higher One Card if requested.

**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: 1888-583-5704.

#### 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*

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.**

4. 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 automatically awarded 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. Institutional sources include scholarships, grants, discounts and Continuing Education and Dependent Grant-In-Aid benefits. The U.S. Department of Education requires schools to develop and implement policies by which academic progress is evaluated and monitored 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 aid that includes Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Federal Work Study, Federal TEACH Grants, and Federal Direct Education Loans (Student, Parent PLUS and Graduate PLUS). Liberty University also applies the SAP requirements to monitor eligibility for all 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 after the end of each term. The academic record 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 as a result. Students must have a minimum cumulative GPA of 2.00 to graduate from any program at Liberty University. Some programs,

as outlined below in this policy, require a higher minimum cumulative GPA to graduate.

**Qualitative Standard**

Cumulative GPA is composed of all coursework at the current academic level and is calculated by the Registrar’s Office. To meet the qualitative standards 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 (except B.S. in Nursing)	1.50
Bachelors Programs: 24 – 47.99 hours earned (except B.S. in Nursing)	1.65
Bachelors Programs: 48 – 71.99 hours earned (except B.S. in Nursing)	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 for financial aid satisfactory academic progress.

**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; students may appeal on the basis of coursework not applicable to the current degree program.

Academic Program	Maximum Number of Attempted Hours
Bachelors Degree	180
Associates Degree (non-AVMT) Willmington School of the Bible (Diploma – 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**

Every institution offering federal aid must check for satisfactory academic progress (SAP) at the conclusion of each term. 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. Additionally, they 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.

New federal regulations limit the amount of federal aid that can be used when repeating a course that has previously been passed with a grade of ‘D’ or higher. If a student earns a ‘W’ or ‘F’ in a course, the student can continue to repeat the course paid with federal aid so long as they are meeting minimum Financial Aid Satisfactory Academic Progress requirements. Once a grade of ‘D’ or higher is earned for a course, students can only repeat the course one more time and use federal aid to pay for the course. Three or more repeats of the passed course will not be counted towards federal aid eligibility or be eligible to use federal aid to pay for the course.

Examples:

Grades Earned	Status
D, C	Repeat is not eligible for federal aid
F, F, D, W, B	Repeat is not eligible for federal aid
F, F, D, B	Repeat is not eligible for federal aid
F, D, W, F	Repeat is not eligible for federal aid

If a student repeats a course that is not eligible for federal aid, a recalculation of aid is completed to exclude the credits for the repeated course.

This rule applies whether or not the student received aid for earlier enrollments in the course.

All repeated courses affect Financial Aid Satisfactory Academic Progress calculations. A repeated course, along with the original attempt, must be counted as attempted credit hours. All students must successfully complete 67% (66.669% will not be rounded) of cumulative attempted hours by the end of each term.

The University will maintain compliance with the regulatory stipulations surrounding repeat courses and how they should be handled during a review of satisfactory academic progress.

**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 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 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 that brings the student into compliance with the standards. 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. Reinstatement of aid eligibility is not retroactive and will only affect current or future enrollment periods. Additionally, enrolling for future courses and paying for those courses out of pocket or by other means does not remove or change a student’s academic progress. For example, if a student is on financial aid suspension and pays for the next term of enrollment out of pocket, they will continue to be on financial aid suspension until they have adequately re-established eligibility under SAP policy guidelines.

**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 are:

- 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 processed through Student Accounts (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 Vice President of Financial Aid a signed and dated letter of appeal explaining why s/he should not be suspended along with the Satisfactory Academic Progress Appeal Form and any supporting documentation from an objective third party professional (e.g. physician, counselor, lawyer, social worker, teacher, religious leader, death certificate, divorce decree, etc.). Family members of the student, friends, and Liberty University employees are not considered an acceptable third party. 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.

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. 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 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 and are on Financial Aid Probation. This academic plan requires every student to have a cumulative completion rate of 75% and a GPA requirement reflecting a quarter point (.25) above for that regular program for the term of the approved appeal. This will ensure progress in making up the previous deficiency.

**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. For example, students could pursue additional academic advising, arrange tutoring, or regularly discuss their academic work with their instructor/s. The

student's responsibility to monitor their own academic progress is important especially as the evaluation may immediately affect their financial aid eligibility for the next term. For example, failure to meet standards while on financial aid probation in the Spring term will immediately affect aid eligibility for the Summer term. Financial Aid probation is the period in which a student is eligible to receive financial aid based on a granted Financial Aid appeal.

**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, now uses electronic means to disseminate required student consumer and "Right-To-Know" Act information. Anyone signing or processing financial aid forms, seeking financial aid information or assistance, or seeking consumer information at Liberty University must read, understand, and comply with the requirements disclosed which are available 24 hours a day at [www.liberty.edu/financialaid](http://www.liberty.edu/financialaid).

#### **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 \$5,645 for 2013-14 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 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  
EFFECTIVE JULY 1, 2008**

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 \$2,650 per year. The graduate (M.S.N. degree) amount is estimated at \$1,150 per year.

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 [buffrpo@vba.va.gov](mailto:buffrpo@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 by March 1 for the next academic year and complete verification, if selected. Virginia residents must also apply for the Virginia Tuition Assistance Grant Program (VTAG) through the Financial Aid Office by March 1 for their first year of attendance. 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)

The combined total of federal/state grants with Liberty institutional aid may not exceed the actual cost of tuition plus the lowest of actual Liberty University room and board charges or the lowest current housing rate. For Resident students, this calculation does not include the Federal Pell Grant. **If aid exceeds this calculated amount, Liberty institutional aid will be reduced.**

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 Liberty 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>.

**FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS APPEAL PROCESS**

A student who is placed on Financial Aid Suspension may appeal this decision by submitting a Satisfactory Academic Progress (SAP) Appeal Form with objective third party supporting documentation to be reviewed by the SAP Appeal Committee. The appeal statement should explain why the student did not meet the SAP requirements with a plan of action on how to maintain satisfactory academic progress in future terms. Additionally, the objective third party documentation cannot come from family members of the student, friends, or Liberty University employees. The Committee consists of the Assistant Director of Financial Aid for Advising, one Financial Aid Advisor and one Compliance Analyst.

After the Financial Aid SAP Appeals 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 annual measurement event (SAP evaluations are completed at the close of fall, spring, and summer terms). In cases where a student receives financial aid in the form of subsidized employment, the student's worksite supervisor(s) will be notified of the reinstatement.

Financial aid eligibility will continue for students on financial aid warning status, so they are not required to submit a letter.

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 when aid may be re-awarded and/or disbursed.

Appeals may be submitted to:

Financial Aid SAP Appeal Committee  
Liberty University Financial Aid Office  
1971 University Blvd.  
Lynchburg, VA 24515  
Fax: (434) 582-2053  
Email: [financialaid@liberty.edu](mailto:financialaid@liberty.edu)

**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

**APPEAL PROCESS TO THE OFFICE OF THE INSPECTOR GENERAL**

Anyone suspecting fraud, waste or abuse involving United States Department of Education funds or programs should contact the Inspector General's Hotline by:

1. Emailing [oig.hotline@ed.gov](mailto:oig.hotline@ed.gov)
2. Calling the OIG Hotline - (800) MIS-USED. The Hotline's operating hours are Monday, Wednesday and Friday 9-11 a.m., ET; Tuesday and Thursday, 1-3 p.m., ET - closed holidays.
3. Completing and submit a Complaint Form

To ensure complete anonymity, download a hardcopy of the special Complaint Form at <http://www.ed.gov/about/offices/list/oig/oighotline.doc>, complete, and mail to:

Inspector General's Hotline  
 Office of Inspector General  
 U.S. Department of Education  
 400 Maryland Ave., SW  
 Washington, DC 20202-1500

Your report may be made anonymously or in confidence. To report suspected fraud, waste or abuse involving other Inspector

General agencies, click this link 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%20Complaint%20Sites-Updated%20070611.pdf>

## Student Affairs

**Mark Hine, B.S., M.Div., D.Min.**

*Senior Vice President for Student Affairs*

**Keith Anderson, B.S., M.A.R., M.R.E.**

*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*

**Johnnie Moore, B.S., M.A.R.**

*Vice President for Communication*

*Teaching Pastor*

**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

Liberty Online Ministries provide distance students with spiritual resources to encourage and strengthen them.

Various online resources are offered including Bible studies, articles on a variety of life issues of interest to students, and prayer ministry resources. All of this is available through a community web page designed to connect online students with other Liberty students within their geographic area. More information on the resources and services provided is available at <http://www.libertyonlineministries.com/index.cfm>.

### 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 Center for Multicultural Enrichment (Center4ME) provides information and advocacy for students from various ethnic backgrounds through programs and services that promote unity and celebrate cultural diversity at Liberty University and in Central Virginia. 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=2911>.

## **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	
Office of Student Leadership	GH 1875
Center for Multicultural Enrichment	GH 1878
Office of Student Housing	GH 1886
Office of Executive Project	GH 2510
Office of Online Communities	GH 1881a
Student Government Association	GH 1884



## *Spiritual Programs*

### **Rev. Johnnie Moore, Jr., B.S., M.A.R.**

*Vice President for Communications  
University Spokesperson*

### ***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.R.**

*Director, Center for Global Engagement*

The Center for Global Engagement, located in Green Hall 2500, offers dozens of short term mission opportunities for college students, hosts Global Focus Week each semester, and sponsors Next Steps mentoring retreats for students interested in cross-cultural careers. Contact by phone at 434-592-4127, 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>.

### **LIGHT**

Light is the collegiate short term missions arm of the Center for Global Engagement. Light organizes and leads international mission teams for Liberty University students during each major school breaks. In over 20 years, Light has conducted more than 250 evangelistic campaigns involving over 8,000 students in over 100 nations. More than three million people have heard the gospel through Liberty University students serving with Light.

### **LIGHT INTERNSHIPS**

Light 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 assignments and projects related to their major. This unique experience allows students to apply classroom knowledge and training while having an impact on individuals and communities around the globe.

# Campus Recreation

## **Lee Beaumont, B.S., M.S.**

*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.**

*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 the Campus East Clubhouse. More information is available online at <http://www.liberty.edu/lahayestudentunion> or by calling 434-592-3221.

### **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, aerobics, and more. In the Fitness Center students can work out with the assistance of a personal trainer, take fitness 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 six flat screen televisions. There is also a billiard hall within the facility featuring pool tables and ping pong tables as well as three flat screen television gaming stations.

### **THOMAS INDOOR SOCCER CENTER**

A part of the LaHaye Student Union, the Thomas Indoor Soccer 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

### **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 X-Box, Playstation 3), and a heated outdoor pool. New food service options will be available in fall 2013.

### **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 Hydaway (coming fall 2013) 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.lahaveicecenter.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 could not be done in any other standardized method of working out. For the student looking for a total body work out, 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/studentunion/index.cfm?PID=17523>.

### **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, table tops, 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 Jack Mountain property through membership in the Liberty Archery Club. In order to qualify, students must provide proof that they have completed a Hunter's Safety Course and also pass a hunting proficiency test which is provided by the Archery Club. Students who meet these requirements will be permitted to bow hunt fall and spring seasons on Liberty's 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	Women's Beach Volleyball
Women's Flag Football	Women's Beach Volleyball
Fantasy Football	
Men's Outdoor Soccer	Coed Beach Volleyball
Women's Outdoor Soccer	Men's Softball
Men's Indoor Soccer	Women's Softball
Women's Indoor Soccer	Men's Dodgeball
Billiards	Women's Dodgeball
Disc Golf	Coed Dodgeball
Dunk Contest	Racquetball

# Intercollegiate Athletics

**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.**

*Associate Athletics Director for Academic Affairs*

**Bob Good, B.S., M.B.A.**

*Associate Athletics Director for Development*

*Executive Director, Flames Club*

**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 100 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.

### Charter Services

A charter bus fleet of six mini buses, three mid-size 32-seat coaches, three 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>.

### Flames Pass (Campus ID)

The Flames Pass is the official Liberty University ID card. It provides access to meal plans, Flames Cash, events and activities campus wide. The Flames Pass is valid as long as a student is actively enrolled and financially checked-in. Students can pick up their Flames Pass from Card Services in Green Hall with a valid government issued photo ID or driver's license.

For more information, contact the Card Services Office at 434-582-7771 or access the web page at <http://www.liberty.edu/cardservices>.

### Student Service Center

The Student Service Center (SSC), located in Green Hall, houses the offices of **Financial Aid**, **Student Accounts**, and the **Registrar**. The purpose of the SSC is to provide accurate information and direct you to the appropriate staff members within these offices for assistance.

The Student Service Center Lobby is open from 8:00 AM – 5:00 PM, Monday through Friday. During Convocation, the SSC is closed from 10:00–11:00 AM, Monday and Friday, and 9:30–11:30 AM on Wednesday. Contact the SSC by email at [studentservicecenter@liberty.edu](mailto:studentservicecenter@liberty.edu) or call 434-592-5100; additional resources and information is available online at <http://www.liberty.edu/studentsservicecenter>.

### Student Advocate Office

The resident Student Advocate Office is committed to making the student's experience at Liberty University both positive and life changing by assisting students in taking advantage of every opportunity to succeed and overcome obstacles on the journey from enrollment through graduation.

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 20 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 Advocate, the International Student Program Coordinator and international student health insurance office are all housed in the International Student Center. More information regarding the ISC is located at <http://www.liberty.edu/undergrad/index.cfm?PID=22798>.

Additional information for international students is provided at <http://www.liberty.edu/index.cfm?PID=6452>.

### 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*

#### 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.

#### 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 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 waiver 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
  - Kurzweil 1000 – scanning and reading software for the visually impaired
  - 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
  - Inspiration – software which helps students learn visually and streamline projects
  - CCTV – magnification hardware for the visually impaired



## *Hands of Liberty*

### *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), 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. Our office is located on the second floor of DeMoss Hall in Room 2016.

## *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 to the university community, assisting students, staff and faculty in maintaining and optimizing their health. 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 web page 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 four dining sessions during the fall and spring semesters: breakfast, lunch, dinner, and late night.

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.

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 Post Office is located in Green Hall and maintains hours of operation from 8:30 AM to 5:00 PM Monday-Friday, during the fall and spring semesters.

Each on campus student is assigned a Liberty MSC box number based on their dorm location to the nearest mail kiosk. Students can locate their Liberty University box number by logging onto ASIST and accessing the information through “My Housing and Dining”. Some boxes have combinations and some have keys. ***If there is no combination listed, please come by the Post Office with a photo ID to pick up your key.***

### **Mail Delivery**

Mail is delivered to the mail kiosks Monday through Friday. All mail received is inserted into the boxes the same business day it is received.

Restricted mail, such as registered, certified, insured, and express mail is held at the Post Office. If a student receives restricted mail, they will be notified by email to their Liberty email account. Notifications are sent only to Liberty email accounts. Our system will not send out emails to anything other than a Liberty email address.

### **Packages**

Packages that are sent through UPS, FedEx, DHL or any other third party carrier will be held at the Post Office. If a student receives a package from one of these carriers, they will be notified by email to their Liberty email account.

The Post Office does student box and package room checks every two weeks. *Any mail or packages left over from this two week period is then Returned to Sender (RTS).*

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 Office

**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).

### Liberty University Bookstore

Students purchase all course materials from MBS Direct. Purchases can be made online by accessing the web page at <http://bookstore.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

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[/helpdesk](#). The HelpDesk is located at Green Hall Room 1539; to contact by phone call 866-447-2869 or 434-592-7800.

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- **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>.

### 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.mylu.liberty.edu>.

### 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>.

### *Tutor.Com*

Liberty University Online has partnered with Tutor.com, the leading live, online tutoring service in the United States. Tutor.com can be accessed 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 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 [Online Disability Support Office's Official Page](#) or contact the Liberty University Online ODAS staff at [luodas@liberty.edu](mailto:luodas@liberty.edu).

### *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 new 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, full-time 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.

**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 Advocate Office***

**Jason Byrd, B.S., M.B.A.**

*Director of Student Advocate Office*

The Liberty University Online Advocate Office is committed to making the student's experience at Liberty University both positive and life changing. The Online Advocate Office works directly with advisors as well as university support offices to help students overcome obstacles on the journey from enrollment.

Additional information is available online at <http://www.liberty.edu/online/student-advocate-office/>.

***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***

**Rev. Johnnie Moore, Jr., B.S., M.A.R.**

*Vice President for Communications*

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.

## The Jerry Falwell Library

### Library Administration

**Marseille “Marcy” Pride, B.A., M.A., M.L.S.**

*Dean, The 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*

**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*

**Angela M. Rice, B.A., M.L.S.**

*Learning Commons Coordinator*

**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 instruction, research, productivity, community-building, individual and group study, and other activities relevant to the University’s mission.

A collection of approximately 65,000 highly used and recently published titles is available for browsing. 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 interactive classroom where classes are offered in finding and using information. It also houses pixel tables, 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 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, Lyrisis, 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

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/dcps>. Specific Course Requirements and Course Sequences for all residential majors may be found at <http://www.liberty.edu/casas>.

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.

A complete listing of the majors and minors offered at Liberty follows. *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.*

## 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.)

### MAJORS

**Accounting**<sup>2</sup>

**Aeronautics**<sup>2</sup>

*Concentration: Commercial/Corporate*<sup>2</sup>

*Concentration: Missions*

*Concentration: Unmanned Aerial Systems*

*Cognate: Military*

**Applied Internet Technologies**<sup>2</sup>

**Athletic Training**

**Biblical and Educational Studies**<sup>3</sup>

**Biochemistry and Molecular Biology**

**Biology**<sup>1</sup>

### Biomedical Sciences

**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: 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 Management**<sup>3</sup>

**Church Ministries**

*Concentration: Adventure Leadership and Outdoor*

*Ministry*

*Concentration: Women's Ministries*

*Concentration: Youth Ministries*

*Cognate: Worship*

**Cinematic Arts**

**Communication Studies**

*Concentration: Advertising/Public Relations*

*Concentration: Digital Media*

*Concentration: Journalism*

*Concentration: Speech Communication*

**Computer Engineering**

**Computer Science**<sup>1</sup>

*Cognate: Intelligence*

**Criminal Justice**<sup>2</sup>

*Cognate: Business Administration and Management*<sup>3</sup>

*Cognate: Criminal Psychology*<sup>3</sup>

*Cognate: Forensics*<sup>3</sup>

*Cognate: Homeland Security*<sup>3</sup>

*Cognate: Public Administration*<sup>3</sup>

*Cognate: Strategic Intelligence Studies*<sup>3</sup>

*Cognate: Youth Corrections*<sup>3</sup>

**Early Childhood Education Interdisciplinary Studies**<sup>3</sup>

**Electrical Engineering**

*Cognate: Intelligence*

**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 Merchandising and Interiors**

*Concentration: Fashion Merchandising*  
*Concentration: Interior Design*

**Global Studies**

**Government**

*Concentration: Politics and Policy*  
*Concentration: Western Legal Traditions*

**Health Promotion**

*Concentration: Certified Health Education Specialist (CHES)*  
*Concentration: Clinical*

**History**

**Individualized Studies**

**Industrial and Systems Engineering**

**Interdisciplinary Studies**<sup>3</sup>

**Kinesiology**

*Concentration: Health and Physical Education*<sup>1</sup>  
*Concentration: Health and Physical Education, Non-Licensure*

**Mathematics**<sup>1</sup>

*Cognate: Actuarial*

**Music**

**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*  
*Concentration: Human Services*  
*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*

**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**<sup>3</sup>

**Sport Management**

**Studio and Digital Arts**<sup>1</sup>

*Concentration: Graphic Design*  
*Concentration: Studio Art*<sup>1</sup>

**Zoo and Wildlife Biology**

**Zoology**

**Bachelor of Arts (B.A.)**

**MAJORS**

**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**

**Philosophy**

**Spanish**<sup>1</sup>

**Teaching English as a Second/Foreign Language**<sup>1</sup>

**Theatre Arts**<sup>1</sup>

*Concentration: Performance*  
*Concentration: Production*

**Bachelor of Music (B.M.)**

**Artist Development**

**Choral Music**<sup>1</sup>

*Concentration: Music Education*

**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**<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>2,4</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  
 Advertising/Public Relations  
 Aeronautics  
 Aviation Flight Attendant  
 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>  
 Crisis Communication  
 Electrical  
 English  
 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>  
 International Relations  
 Jewish Studies  
 Journalism<sup>1</sup>  
 Kinesiology  
 Linguistics  
 Masonry  
 Mathematics  
 Military Leadership  
 Multidiscipline Information Security<sup>2</sup>  
 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>  
 Speech<sup>1</sup>

Sport Management  
 Sport Outreach  
 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  
 Writing  
 Youth Ministries

## Undergraduate Certificates

Aviation Maintenance Technician  
 Certificate in Accounting<sup>3</sup>  
 Certificate in Application Development<sup>3</sup>  
 Certificate in Biblical Studies<sup>3,4</sup>  
 Certificate in Business<sup>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 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 Diploma (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 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 PREFIXES

ACCT	Accounting
AIRS	Air Force ROTC
AITE	Applied Internet Technologies
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

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**PROGRAMS OF STUDY**

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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
CSER*	Christian/Community Service
CSPA	Conversational Spanish
ECON	Economics
EDSP	Special Education
EDUC	Education
ELIL	English Language Institute
ELTC	Electrical
ENGC	Computer Engineering
ENGE	Electrical Engineering
ENGI	Industrial and Systems Engineering
ENGL	English
ENGR	General Engineering
ENVR	Environmental Science
ESOL	English as a Second Language
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
HUMN	Humanities
HVAC	Heating, Ventilation, Air Conditioning
INDS	Interdisciplinary/Individualized Studies
INFT	Information Technology
KINE	Kinesiology
LIFC	Life Coaching
LING	Linguistics
MASN	Masonry
MATH	Mathematics
MENT	Mentoring

MILT	Military Resilience
MISC	Military Science – Army ROTC
MLAN	Modern Languages
MUSC	Music
NASC	Natural Science
NURS	Nursing
PHIL	Philosophy
PHSC	Physical Science
PHYS	Physics
PLAW	Paralegal Studies
PLED	Pastoral Leadership
PLMB	Plumbing
PRTH	Practical Theology
PSYC	Psychology
RLST	Religious Studies
SMGT	Sport Management
SOCI	Sociology
SOWK	Social Work
SPAN	Spanish
TESL	Teaching English as a Second Language
THEA	Theatre Arts
THEO	Theology
WELD	Welding
WMIN	Women’s Ministries
YOUT	Youth Ministries

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\* Not listed in this publication. See the Christian/Community Service Website at: <http://www.liberty.edu/christianservice>

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### ***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/>.

### ***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.

## *Study Abroad Office*

The mission of the Study Abroad Office is to provide Liberty University students with a unique opportunity to transform their 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.

In an increasingly global economy it is imperative that students have access to international experiences that will help them to lead in the 21st century. Studying abroad offers students a chance to serve, live and study in a setting that can broaden their intellectual horizons and expose them to other cultures in a way that is not possible on the home campus. For this reason, international experiences in a cross-cultural environment are part of Liberty University's aim to "Contribute to a knowledge and understanding of other cultures and of international events."

The Study Abroad Office, located in Green Hall 1837, assists students in selecting a program that best fits their educational needs. Semester and summer-long programs are available through collaborations with international faith-based program partners and future Liberty Abroad Programs.

For more information, contact the Study Abroad Office by email at [studyabroad@liberty.edu](mailto:studyabroad@liberty.edu), by phone at 434-592-4005, or visit the website at <http://www.liberty.edu/index.cfm?PID=19707>.

## *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>.

### **Bachelor of Science (B.S.)**

#### **MAJORS:**

##### **Accounting**

##### **Aeronautics**

*Concentration: Commercial/Corporate*

##### **Applied Internet 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 Resources*

*Cognate: International Business*

*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)

##### **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>

##### **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*

##### **Religion**<sup>1</sup>

### **Associate of Applied Science (A.A.S.)**

Medical Office Assistant

### **Graduate of Theology Diploma (Th.G.)**

Biblical Studies

### **Minors**

##### Accounting

##### Biblical Studies

##### Business

##### Business Management Information Systems

##### Christian Counseling

##### Church Ministries

##### Criminal Justice

##### History

##### Homeland Security

##### Multidiscipline Information Security

##### Psychology

##### Public Administration

##### 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 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

<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>.

Programs offered by Liberty University en Español are located at <http://www.liberty.edu/online/lue-inicio/>.

## 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

**Christos Carroll, B.S., M.B.A.**

Director, Center for Professional and Continuing Education

**Alisha P. Castañeda, B.A.S., M.A.**

Director, Foreign Language Lab, Online Foreign Language Lab,  
and Spanish Writing Center  
Instructor of English

**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

**Allison Scoles, B.A.**

Director, Undergraduate Writing Center

**Barbara Sherman, A.A., B.A., M.Ed., M.A.**

Director, Individualized Programs of Study  
Associate Professor of 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  
Instructor 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

**David D. Bellows, B.S., M.A.R.**

Coordinator of Academic Success  
Instructor of Education

**Frank DiGregorio, B.S., M.A.R.**

Coordinator, Eagle Scholars Program

**Jacqueline J. Johnson, B.S., B.S., M.A., Ed.S., Ed.D.**

Coordinator of Special Projects and New Student Seminar  
Assistant Professor of Education

**Kathy Spradlin, B.S., M.S., Ed.D.**

Coordinator, Math Emporium  
Coordinator, Developmental Mathematics  
Associate Professor of Developmental Mathematics

**Nicole D. Thorn, B.A., M.A., M.A., C.I., C.T.**

Coordinator, Deaf and Hard of Hearing Services  
Assistant Professor of American Sign Language and Interpreting

## Faculty

### RESIDENTIAL – FULL-TIME

Professor

Mackey

Associate Professor

McHaney; Sherman, B.; Schoffstall, H.; Spradlin; Yates, B.

Assistant Professor

Amburgey; Hansen; Hart, D.; Jernigan; Johnson, J.; McClure;  
Melton, D.; Stockslager; Thorn; Wagner, Sr., J.

Instructor

Altamirano; Bellows; Green; Miller; Van Eaton, H.

Lecturer

Eubank; Holloway; Jones, A.

### 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 (FRSM 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: Dr. Jacqueline J. Johnson**

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, FRSM 101. This course is designed to give an orientation and overview of policies that govern life at Liberty.

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

Bachelor degrees offered through the Center for Academic Support and Advising Services include Individualized Studies (B.A./B.S.) and Interdisciplinary Studies (B.S.). 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 university-level competencies in writing, speaking, reading, appreciation of the arts, analytical reasoning, computer literacy, and library research;
2. Demonstrate acquisition of core competencies in two content areas;
3. Assess the moral dimensions and ethical implications in two disciplines;
4. Demonstrate the integration of knowledge; and
5. 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 requirements;
3. 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;
4. B.A. – Complete 11 hours of electives and 12 hours of language;
5. B.S. – Complete 24 hours of electives;
6. Complete at least 30 hours at the 300-400 level;
7. Complete 50 percent of the major at Liberty;
8. Complete 60 hours following admission to the program or prior to commencing the Junior year;
9. Generate a final paper which integrates knowledge across the disciplines (Approval of Director, Individualized Programs of Study, required; due in that office October 15th or February 15th, or June 15th of graduation semester.); and
10. 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.

Applications will only be accepted during the following times:

- Fall Semester: September 1 – November 15
- Spring Semester: February 1 – April 15

## 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 university-level competencies in writing, speaking, reading, appreciation of the arts, analytical reasoning, computer literacy, and library research;
2. Demonstrate acquisition of core competencies in at least two, but not more than three, content areas;
3. Assess the moral dimensions and ethical implications in at least two disciplines; and
4. Evidence the synthesis of academic knowledge and Christian values.

### DEGREE REQUIREMENTS

1. Fulfill institutional General Education Requirements;
2. Complete a 45-hour major which must be drawn from 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;
3. Complete 19 hours of electives in chosen disciplines, including areas that are covered in the major;
4. Complete at least 30 hours at the 300-400 level;
5. Complete 50 percent of the major at Liberty;
6. Complete 30 hours following admission to the program; and
7. 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.

Applications will only be accepted during the following times:

- Fall Semester: September 1 – November 15
- Spring Semester: February 1 – April 15

## Associate of Applied Science in Technical Studies Major (A.A.S.)

### 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.
3. Evaluate construction industry projects from a financial/economic perspective.
4. Demonstrate computer skills as appropriate to the discipline.

### Program of Study

Technical Studies Major (A.A.S.)	
<b>General Education: Core Competency Requirements (38-42 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	
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, budgeting, and career development. 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 Director of 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 Professional and Continuing Education

*Director: Christos Carroll*

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 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 DeMoss Hall on the second floor of the ILRC, behind Jazzman’s. 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 undergraduates 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 DeMoss Hall in the second floor of the ILRC, behind Jazzman’s. 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 lab part of their students’ classroom experience, either by holding classes in the lab 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@liberty.edu](http://www.liberty.edu/foreignlanguage@liberty.edu). The Foreign Language Lab is located in DeMoss Hall on the second floor of the ILRC, behind Jazzman’s.

### 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/](http://www.liberty.edu/onlineforeignlanguage/onlinefl1@liberty.edu), emailing [onlinefl1@liberty.edu](mailto:onlinefl1@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
- Washington Semester Fellowship Internship

**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 Semester 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).

Students are also encouraged to consider participating in Liberty University's Washington Semester Fellowship. This program allows students, from all majors, to be placed in an 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 Semester Fellowship. For more information, contact [washington@liberty.edu](mailto:washington@liberty.edu) or visit <http://www.liberty.edu/washington>.

**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.**

#### **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>.

### *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.

The **Hands of Liberty, Deaf and Hard of Hearing Department** 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 university-level competencies in writing, public speaking, reading comprehension, appreciation of the arts, analytical reasoning, computer literacy, and educational research;
2. Demonstrate acquisition of core competencies in of English language; and
3. Assess moral dimensions and ethical implications in each chosen area of concentration.

#### APPLICATION PROCESS

1. Complete the Application for Interdisciplinary Studies major.
2. Submit the Cognate Selection form to the New Enrollment Specialist.
3. Review of the Cognate Selection is made by a New Enrollment Specialist. 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 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, Christian Counseling, Business, Criminal Justice, Education, Business Management Information Systems, Psychology, Religion, and Special Education. A cognate represents a broad discipline of study at Liberty University. There are no specific course requirements in a cognate. 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 Career 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)
<b>Accounting</b>	ACCT only	9 credits
<b>Business</b>	Any combination of ACCT / BUSI / ECON	9 credits
<b>Christian Counseling</b>	CCOU only	9 credits
<b>Criminal Justice</b>	Any combination of CJUS / GOVT	9 credits
<b>Education</b>	EDUC only	9 credits
<b>Business Management Information Systems</b>	BMIS only	9 credits
<b>Psychology</b>	PSYC only	9 credits
<b>Religion</b>	Any combination of BIBL / CHHI / CHMN CHLD EVAN / GLST THEO / PHIL / PLED YOUT / WRSP	9 credits
<b>Special Education</b>	EDSP only with exception of PSYC 345 and EDUC 307	9 credits

Transfer cognates are approved for disciplines indicated on the following chart. These cognates are not offered online; 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	Speech, Mass Communication, Interpersonal Communication, Media, Graphic Design, Public Relations, Studio and Digital Arts	15 minimum	COMS ARTS VCAR
Computational Science	Computer Science, Engineering, Information Technology,	15 minimum	CMIS CSCI ENGE INFT

Transfer Cognates	Disciplines Included	Transfer Credits Required	LU Prefix Identifiers
	Management Information Systems		
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, Humanities	15 minimum	MUSC THEA ARTS VCAR HUMN
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 SOVI PSYC ECNC HIUS HIEU HIWD HLTH216, 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

**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:

1. Demonstrate university-level competencies in writing, speaking, reading, appreciation of the arts, analytical reasoning, computer literacy, and library research;
2. Demonstrate acquisition of core competencies in at least two, but not more than three, content areas;
3. Assess the moral dimensions and ethical implications in at least two disciplines; and
4. Evidence the synthesis of academic knowledge and Christian values in order that there might be a maturing of spiritual, intellectual, social, and physical behavior.

**Program of Study**

**Interdisciplinary Studies Major (A.A.)**

*General Education Requirements for an Associate of Arts degree are listed in the College of General Studies section of this Catalog.*

General Education Requirements	39
General Electives	<u>21</u>
Total hours required	60

- A minimum of 15 hours must be completed through Liberty University.
- Minimum 2.00 grade point average.

**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*

## 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/dcps>.

## Air Force – ROTC

### ADJUNCT FACULTY

**Colonel Jon Wolfe, B.S., M.S., M.A.**

*Commander Air Force – ROTC Detachment 890*

## PURPOSE

The Air Force Reserve Officers' 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 or

graduate 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 students of all levels, both graduate and undergraduate. The 4-year program is designed for students who join during their first year of college. Students take all 4 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 awarded a scholarship 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. Students not on scholarship will only take the AIRS 200 level courses and attend a 5-week summer field training encampment.

Unless the student earns an AFROTC scholarship, there is no service obligation inside the first 2 years of the 4 year program. However, all students who enter into the Professional Officer Course (the last 2 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 navigators. Successful pilot and navigator candidates serve 10 and 6 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 are offered to qualified students through two, three, and four-year scholarships. 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) or website: <http://www.virginia.edu/~afrotc>.

## Program of Study

Air Force R.O.T.C. (16 hrs)		
AIRS A	<i>Leadership Laboratory (required with every AIRS course)</i>	0
AIRS 110	<i>The Foundations of the US Air Force I</i>	1
AIRS 120	<i>The Foundations of the US Air Force II</i>	1
AIRS 210	<i>The Evolution of Air and Space Power I</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

### RESIDENTIAL FACULTY

**Major Robert J. Foy, USA, B.A., M.A.**

*Instructor of Military Science*

### 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

\*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 (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/ 211	<i>Elements of Earth Science / Lab</i>	4
PHSC 310	<i>Astronomy: An Integrated Approach</i>	4
BIOL 415	<i>Cell Biology</i>	4
*BIOL 102/ 104	<i>Principles of Human Biology / Lab – OR</i>	4
*BIOL 225	<i>General Biology II– OR</i>	4
*BIOL 213	<i>Anatomy and Physiology I –AND</i>	3
*BIOL 214	<i>Anatomy and Physiology I Lab – OR</i>	1
*BIOL 215	<i>Anatomy and Physiology II – AND</i>	3
*BIOL 216	<i>Anatomy and Physiology II Lab</i>	1
*BIOL 321	<i>Comparative Anatomy</i>	4

\* Only one of these courses will count toward the minor. If BIOL 213/214 or 215/216 is selected, students must take both 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

### Faculty

#### RESIDENTIAL – FULL-TIME

##### Professor

Adu-Gyamfi; Ayres; Curtis; Gribbin; McClelland; Nutter, J.;  
Prior; Schmidt; Towles, D.; Woodard

##### Associate Professor

Baggett, M.; Foley, C.; Hähnlen; Harris; Kim, J.; Müller;  
Reed; Towles, M.

##### Assistant Professor

Atwell, W; Bell, S.; Blankenship; Miller, A.; Simpson, S.;  
Thorn

##### Instructor

Peterson

##### Lecturer

Coates; Hammersmith; Tweedy

### 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

1. To confer distinction for high achievement in the English language and in literature.
2. To provide cultural stimulation and promote interest in literature and the English language in the community.
3. To foster the discipline of English in all its aspects, including creative and critical writing.
4. To promote good citizenship among its members.
5. To exhibit high standards of academic excellence.
6. 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

1. 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.
2. To honor those who have contributed to the furthering excellence in the study of the Spanish language and culture through honorary membership.
3. To foster interest in Spanish language and culture among students of Liberty University and in the Lynchburg community.
4. To encourage the involvement of both native and non-native Spanish speakers in community service and leadership.

5. 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:

1. Communicate in a linguistically and culturally appropriate way through the use of American Sign Language.
2. Recognize and model various sociolinguistic elements, values, and concerns of the culturally Deaf.
3. Facilitate communication effectively between hearing individuals and the Deaf.
4. 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 (53-57 hrs)**

**Liberal Arts Focus: Integrative Studies (6 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 (Observation)	3
ASLI 499	Internship	3
<b>Directed Courses (Required) (6 hrs)</b>		
ENGL 333	Modern Grammar – OR	3
LING 213	Introduction to Linguistics	
THEO 324	Theology of Suffering and Disability – OR	3

SOCI 349 <i>Sociology of Disability</i> <b>Free Electives (3-7 hrs)</b>
<b>TOTAL HOURS:</b> 123 hours minimum; 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

English Major (B.A.)	
<b>General Education: Core Competency Requirements (53-57 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>	
<i>Integrative Studies (6 hrs)</i>	
<i>Courses in the Major (39 hrs)</i>	
+ENGL	200 level Literature 6
ENGL	Writing: 350, 351, 352, or 401 3
ENGL	Author: 403 or 452 3
ENGL	Period: 303, 321, 339, 340, 341, 344, 347, 382, 443, 463 3
ENGL	Genre: 311, 342, 402, 410, 422, 432, 442 3
ENGL	Diversity: 437, 438, 456 3
ENGL 322	<i>Shakespeare</i> 3
ENGL 333	<i>Modern Grammar</i> 3
ENGL 364	<i>History of the English Language</i> 3
ENGL 433	<i>Literary Criticism</i> 3
ENGL	Upper-level Electives 6
<b>Directed Courses (Required) (0-6 hrs)*</b>	
ENGL 221	<i>World Literature I</i> 3
HIEU 201	<i>History of Western Civilization I</i> 3
<b>Free Electives (6-10 hrs)</b>	
+ Must be chosen from two different areas (American, English, or World Literature).	
* 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.
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### English Major (B.A.) Endorsement: English (6-12)

#### Teacher Licensure Requirements

**General Education: Core Competency Requirements (53-57 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)*

**Courses in the Major (39 hrs)**

+ENGL	Literature: 200 level	6
ENGL	Author: 403 or 452	3
ENGL	Period: 303, 321, 339, 340, 341, 344, 347, 382, 443, 463	3
ENGL	Diversity: 437, 438, 456	3
ENGL 322	<i>Shakespeare</i>	3
ENGL 333	<i>Modern Grammar</i>	3
ENGL 350	<i>Advanced Exposition Writing</i>	3
ENGL 364	<i>History of the English Language</i>	3
ENGL 422	<i>Modern Drama – OR</i>	3
ENGL 442	<i>Musical Theatre</i>	
ENGL 433	<i>Literary Criticism</i>	3
ENGL	Upper-level Electives	6
<b>Directed Courses (required) (3-9 hrs)*</b>		
ENGL 221	<i>World Literature I*</i>	3
HIEU 201	<i>History of Western Civilization I*</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>Current Area Reading: Differentiated Teaching and Learning (Secondary)</i>	2
EDUC 235	<i>Instructional Design: Secondary / /236 Practicum</i>	1/2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435	<i>Secondary Curriculum / Practicum /436</i>	2/1
ENGL 419	<i>Methods and Materials in Teaching /420 English / 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

+ Must be chosen from two different areas (American, English, or World Literature).

\* These courses are approved General Education courses and may be counted in the Core Competency Requirements

<b>TOTAL HOURS:</b> 144 hours minimum; at least 62 hours must be 300-400 level.
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### 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 (53-57 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 Conversation and Grammar</i>	3
SPAN 302	<i>Advanced Composition and Conversation</i>	3
SPAN 304	<i>Civilization and Culture of Latin America – OR</i>	
SPAN 305	<i>Civilization and Culture of Spain</i>	
SPAN 310	<i>Introduction to Translation: Spanish-English</i>	9
SPAN 321	<i>Modern Spanish Literature</i>	3
SPAN 450	<i>Senior Seminary</i>	3
SPAN <sup>1</sup>		6
LING 213	<i>Introduction to Linguistics</i>	3
<b>Choose three courses (12 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>		
ENGL 221	<i>World Literature I – OR</i>	3
ENGL 222	<i>World Literature II</i>	
HIEU 201	<i>History of Western Civilization I</i>	3
<b>Free Electives (21-25 hrs)</b>		
<sup>1</sup> Six (6) hours of internship or the equivalent to be taken abroad in a country where Spanish is the language of business and government.		
* 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 33 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>		
ENGL 221	<i>World Literature I* – OR</i>	3
ENGL 222	<i>World Literature II*</i>	

HIEU 201	<i>History of Western Civilization I*</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/ Thinking/ Study Skills (Secondary)</i>	2
EDUC 235	<i>Instructional Design: Secondary /</i>	1/2
	<i>/236 Practicum</i>	
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435	<i>Secondary Curriculum Fundamentals /</i>	2/1
	<i>/436 Practicum</i>	
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
NOTE: 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; 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 (53-57 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>Courses in the Major (39 hrs)</b>		
ENGL 350	<i>Advanced Expository Writing</i>	3
ENGL 364	<i>History of the English Language</i>	3
ENGL 456	<i>Advanced Studies in 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
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 /420	<i>Methodology and Curriculum in Teaching Modern Languages / Practicum</i>	2/1
TESL 499	<i>TES/FL Internship<sup>1</sup></i>	3
SOCI 340	<i>Human Societies: A Global View</i>	3
FREN 304	<i>Francophone Culture and Civilization – OR</i>	3
SPAN 304	<i>Spanish Culture and Civilization</i>	3
<b>Directed Courses (Required) (3-12 hrs)*</b>		
ENGL 221	<i>World Literature I* – OR</i>	3
ENGL 222	<i>World Literature II*</i>	3
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
<b>Free Electives (3-7 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 (53-57 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>		
<i>Integrative Studies (6 hrs)</i>		
<b>Courses in the Major (33 hrs)</b> [see above]		
<b>Directed Courses (required) (3-12 hrs)*</b>		
<b>Teacher Licensure Requirements (31 hrs)</b>		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading/ Thinking/ Study Skills (Secondary)</i>	2
EDUC 235 /236	<i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435 /436	<i>Secondary Curriculum Fundamentals / Practicum</i>	2/1
TESL419 /420	<i>Methodology and Curriculum in Teaching Modern Languages / 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 courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 138 hours minimum; at least 59 hours must be 300-400 level.		

## 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.

### Chinese Minor (15 hrs)

CHIN 101	<i>Elementary Chinese I</i>	3
CHIN 102	<i>Elementary Chinese II</i>	3
CHIN 201	<i>Intermediate Chinese I</i>	3
CHIN 202	<i>Intermediate Chinese II</i>	3
CHIN 497	<i>Special Topics in Chinese</i>	3

## English Minor

### English Minor (15 hrs)

**Choose one from each category:**

ENGL 350, 351, 352, 401, or 433	3
ENGL 333 or 364	3
ENGL 303, 321, 339, 340, 382, 443, or 463	3
ENGL 322, 403, or 452	3
ENGL 311, 342, 402, 405, 422, or 432	3

## 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.

### French Minor\* (15 hrs)

FREN 102	<i>Elementary French II*</i>	3
FREN 201	<i>Intermediate French I</i>	3
FREN 202	<i>Intermediate French II</i>	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.

### Linguistics Minor (18 hrs)

<b>Foundations:</b>		
LING 213	<i>Introduction to Linguistics</i>	3
LING 305	<i>Linguistics Analysis</i>	3
LING 451	<i>Phonetics and Phonology</i>	3
LING 452	<i>Morphology and Syntax</i>	3
<b>Application: Choose two courses (6 hrs):</b>		
LING 280	<i>Field Language Learning</i>	
LING 300	<i>Cultural Anthropology</i>	
LING 453	<i>World Languages</i>	

**Spanish Minor****Spanish Minor\* (15 hrs)**

SPAN 201	<i>Intermediate Spanish I</i>	3
SPAN 202	<i>Intermediate Spanish II</i>	3
SPAN	<i>Electives (300-400 level)</i>	9

\* Those students with prior language study are encouraged to consider CLEP for lower level language credits.

**Writing Minor****PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Write according to the complex demands of genre, purpose, audience, and discursive style.
2. Research and write in the style appropriate to English.

**Writing Minor (15 hrs)****Required Courses (6 hrs)**

ENGL 350	<i>Advanced Expository Writing</i>	3
ENGL 351	<i>Creative Writing: Poetry – OR</i>	3
ENGL 352	<i>Creating Writing: Fiction</i>	

**Choose three courses from the following (9 hrs)**

COMS 220	<i>Mass Communication Writing</i>	3
	Prerequisite: ENGL 101	
COMS 234	<i>Copy Editing</i>	3
	Prerequisite: COMS 220	
COMS 323	<i>Scriptwriting for Visual Media</i>	3
	Prerequisites: COMS 110, 220	
COMS 354	<i>News Writing</i>	3
	Prerequisites: COMS 220, 234	
COMS 373	<i>Editorial and Opinion Writing</i>	3
	Prerequisites: COMS 220, 234	
COMS 374	<i>Magazine Writing and Editing</i>	3
	Prerequisites: COMS 220, 234	
COMS 485	<i>Investigative Reporting</i>	3
	Prerequisites: COMS 220, 234, 354	
ENGL 401	<i>Seminar in Writing</i>	3
ENGR 270	<i>Technical Writing for Engineers</i>	3
GOVT 346	<i>Legal Research and Writing</i>	3
	Prerequisite: GOVT 200 or GOVT 220	
HONR 495	<i>Senior Honors Thesis</i>	3
SPAN 301	<i>Advanced Grammar and Composition</i>	3
SPAN 310	<i>Introduction to Translation: Spanish to English</i>	3
SPAN 410	<i>Advanced Translation</i>	3
THEA 350	<i>Writing for the Stage</i>	3
	Prerequisite: THEA 211 or 212	
THEA 352	<i>Writing for Church Drama</i>	3
	Prerequisite: THEA 211 or 212; 312 or 350	

\* Prerequisites: ENGL 101, 102, and Survey of Literature at the 200 level

## Department of Family & Consumer Sciences

**Mary Simpson-Alford, B.S., M.B.A.**

*Chair, Department of Family & Consumer Sciences*

*Assistant Professor of Family & Consumer Sciences*

**Faculty****RESIDENTIAL – FULL TIME**

*Professor*

Glaze

*Assistant Professor*

Benoit; Gomes; Howard; Kitchel; Simpson-Alford

**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.***

Omicron Gamma Phi is an honor society which seeks to recognize excellence among Family and Consumer Science students on Christian campuses.

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. 3.00 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
- Youth Services Administrator: Substance Abuse

**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 developmental theories within family systems.

2. Evaluate issues regarding family structures, parenting and child development.
3. Develop a strategic plan of management and implementation of a child education program.
4. Communicate as an educator of a child education program.

**Program of Study**

**Family and Child Development Major (B.S.)**

**General Education: Core Competency Requirements (59-63 hrs)**

**Courses in the Major (42 hrs)**

FACS 103	<i>Introduction to Family and Consumer Sciences</i>	1
FACS 205	<i>Development of Contemporary Families</i>	3
FACS 260	<i>Early Childhood Education</i>	3
FACS 330	<i>(or HLTH 330) Human Nutrition</i>	3
FACS 350	<i>Family Economic Decisions</i>	3
FACS 365	<i>Daycare Administration</i>	3
FACS 370	<i>Parenting</i>	3
FACS 403	<i>Professional Development</i>	2
FACS 455	<i>Balancing Work and Family</i>	3
FACS 475	<i>Families Under Stress</i>	3
FACS 499	<i>Family/Consumer Internship</i>	3

**Choose four courses (12 hrs) from the following:**

[9 hrs must be upper level]

CHLD 447	<i>Effective Teaching in Children's Ministry</i>	
ENGL 310	<i>Children's Literature</i>	
FACS 380	<i>Program Planning and Evaluation</i>	
PSYC 221	<i>Psychology of Childhood</i>	
PSYC 231	<i>Psychology of Adolescence</i>	
PSYC 235	<i>Psychology of Adulthood</i>	
PSYC 311	<i>Educational Psychology</i>	
PSYC 317	<i>Crisis Intervention</i>	
PSYC 336	<i>Gerontology</i>	
PSYC 345	<i>Exceptional Child</i>	
PSYC 361	<i>Marriage and the Family</i>	
SOCI 201	<i>Social Problems</i>	
SOWK 200	<i>Introduction to Social Work and Human Services</i>	

**Directed Courses (Required) (1-10 hrs)\***

BIOL 102	<i>Principles of Human Biology*</i>	3
NAT SCI	<i>LAB*</i>	1
ECON 110	<i>Survey of Economics *- OR</i>	3
ECON 214	<i>Principles of Macroeconomics*</i>	
PSYC 210	<i>Developmental Psychology*</i>	3

**Free Electives (14-18 hrs)**

\* These courses are approved General Education courses and may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum; at least 32 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 techniques.

- Analyze the contents of foods for proper nutrition.
- Evaluate issues regarding family structures, parenting and child development.
- Plan programs within communities that deal with family and consumer issues.
- 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 (59-63 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 221	Design and Construction I for Interiors OR	3
FACS 222	Design and Construction I for Apparel	3
FACS 330	(HLTH 330) Human Nutrition – OR	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	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
ECON 110	Survey of Economics* – OR	3
ECON 214	Principles of Macroeconomics*	3
PSYC 210	Developmental Psychology	3
<b>Free Electives (20-24 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; 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:

- Create/produce a Sewing Construction Samples Portfolio using standard sewing techniques.
- Analyze the contents of foods for proper nutrition.
- Evaluate issues regarding family structures, parenting and child development.
- Plan programs within communities that deal with family and consumer issues.
- 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

Family and Consumer Sciences (B.S.)		
Teacher Licensure Requirements (Grades 6–12)		
<b>General Education: Core Competency Requirements (59-63 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 221	Design and Construction I for Interiors– OR	3
FACS 222	Design and Construction I for Apparel	3
FACS 240	Concepts in Interior Design	3
FACS 330	(HLTH 330) Human Nutrition – OR	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
<b>Directed Courses (Required) (1-10 hrs)</b>		
BIOL 102	Principles of Human Biology*	3
NAT SCI	LAB*	1
ECON 110	Survey of Economics* – OR	3
ECON 214	Principles of Macroeconomics*	3
PSYC 210	Developmental Psychology*	3
<b>Teacher Licensure Requirements (25 hrs)</b>		
EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning (Secondary)	2
EDUC 235	Instructional Design: Secondary / /236 Practicum	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 (0-2 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 Merchandising 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:

- Communicate as a marketer and merchandiser in the business world.
- Evaluate fibers and fabrics for intended use.
- Apply business principles and practices to planning and evaluations.

4. Create/produce a Sewing Construction Samples Portfolio using standard sewing techniques.

### 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.

### Program of Study

<b>Fashion Merchandising and Interiors Major (B.S.) Fashion Merchandising Concentration</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Core Courses (18 hrs)</b>		
FACS 103	Introduction to Family and Consumer Sciences	1
FACS 205	Development of Contemporary Families	3
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 (18 hrs)</b>		
FACS 222	Design and Construction I for Apparel	3
FACS 225	Introduction to the Fashion Industry	3
FACS 423	Fashion Promotion and Visual Merchandising	3
FACS 425	Design and Construction II for Apparel	3
FACS 429	History of Costume	3
<b>Choose one course from the following:</b>		
FACS 113	Introduction to Design	3
FACS 325	Psychosocial Aspects of Clothing	
FACS 420	Apparel Illustration and Design	
FACS 497	Professional Seminar	
<b>Directed Courses (Required) (19-28 hrs)</b>		
BIOL 102	Principles of Human Biology*	3
NAT SCI	LAB*	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	
<b>Free Electives (2-6 hrs)</b>		
* These courses are approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 minimum; at least 35 hours must be 300-400 level.		

### Fashion Merchandising and Interiors Major (B.S.)

#### Interior Design Concentration

**General Education: Core Competency Requirements (59-63 hrs)**

**Core Courses (18 hrs)**

FACS 103	Introduction to Family and Consumer Sciences	1
FACS 205	Development of Contemporary Families	3
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

**Concentration Courses (18 hrs)**

FACS 221	Design and Construction I for Interiors	3
FACS 240	Concepts in Interior Design	3
FACS 340	Housing: Consumer and Community	3
FACS 345	Interior Architecture	3
FACS 445	History of Interiors	3

**Choose one course from the following:**

FACS 113	Introduction to Design	3
FACS 245	Decorative Arts for the Interiors	
FACS 497	Professional Seminar	

**Directed Courses (Required) (19-28 hrs)**

BIOL 102	Principles of Human Biology*	3
NAT SCI	LAB*	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	

**Free Electives (2-6 hrs)**

\* These courses are approved General Education courses and may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 minimum; at least 35 hours must be 300-400 level.

### Family and Consumer Sciences Minors

#### Family and Consumer Sciences Minor

##### Clothing and Textiles (15 hrs)

FACS 222	Design and Construction I for Apparel	3
FACS 225	Introduction to the Fashion Industry	3
FACS 320	Textiles: Fibers and Fabrics	3

**Choose two courses (6 hrs) from the following:**

FACS 325	Psycho-Social Aspects of Clothing	
FACS 423	Fashion Promotion and Visual Merchandising	
FACS 425	Design and Construction II	
FACS 429	History of Costume	

#### Family and Consumer Sciences Minor

##### Family and Child Development (15 hrs)

FACS 205	Development of Contemporary Families	3
FACS 370	Parenting	3
FACS 475	Families Under Stress	3

**Choose two courses (6 hrs) from the following:**

FACS 260	Early Childhood Education	
FACS 365	Daycare Administration	
FACS 455	Balancing Work and Family	
PSYC 361	Marriage and Family	



Family and Consumer Sciences Minor <i>Foods and Nutrition (15 hrs)</i>		
FACS 130	<i>Introduction to Food Safety and Hospitality</i>	3
FACS 230	<i>Food Science and Management</i>	3
FACS 335	<i>Food and Culture</i>	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>	

Family and Consumer Sciences Minor <i>General (16 hrs)</i>		
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>	3
FACS 325	<i>Psycho-Social Aspects of Clothing</i>	
FACS 350	<i>Family Economic Decisions</i>	
FACS 455	<i>Balancing Work and Family</i>	

## 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.

Assistant Chair, Department of History

Director, Graduate Program History

Professor of History

### Faculty

#### RESIDENTIAL – FULL-TIME

Professor

Roberts; Schultz; Smith, S.C.; Snead

Associate Professor

Mann; Saxon

Assistant Professor

Jones, C.; Smith, C.

#### RESIDENTIAL – PART-TIME

Distinguished Professor

Rist

#### 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 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	

Information Consultant      Social Scientist  
Lawyer                              Teacher

### 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.

### Programs of Study

History Major (B.A.)	
<b>General Education: Core Competency Requirements (53-57 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>Major Core (12 hrs)</b>	
HIOUS 221	Survey of American History I 3
HIOUS 222	Survey of American History II 3
HIST 300	Historical Methodology 3
HIST 491	Senior Capstone Seminary 3
<b>Concentration: History (27 hrs)</b>	
(All History courses must be upper level) <sup>1</sup> 24	
HIST 490	Senior Research Seminar 3
<b>Directed Courses (Required) (9 hrs)</b>	
GEOG 200	Introduction to Geography 3
<b>Choose two courses (6 hrs) from the following:</b>	
BUSI 303	International Business 3
ECON 110	Survey of Economics 3
ECON 213	Principles of Microeconomics 3
ECON 214	Principles of Macroeconomics 3
GEOG 320	Regional Studies in Geography 3
GOVT 220	American Government 3
<b>Free Electives (0-4 hrs) [3 hrs 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.	
<b>TOTAL HOURS:</b> 123 hours minimum required; 42 hours must be 300-400 level.	

History Major (B.S.)	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Major Core (12 hrs)</b>	
HIOUS 221	Survey of American History I 3
HIOUS 222	Survey of American History II 3
HIST 300	Historical Methodology 3
HIST 491	Senior Capstone Seminary 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 (12-16 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

Social Sciences Major (B.S.)	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>History Requirements (15 hrs)</b>	
HIOUS 221	Survey of American History I 3
HIOUS 222	Survey of American History II 3
HIWD 370	Comparative Civilizations 3
HIST 300	Historical Methodology – OR 3
HIST 491	Senior Capstone Seminar 3
<b>History Cluster Courses<sup>1</sup> (15 hrs)</b>	
<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 (upper 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 (12-16 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)**

**General Education: Core Competency Requirements (59-63 hrs)**

**History Requirements (12 hrs)**

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

**History Cluster Courses (15 hrs)**

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

**Social Sciences Requirements (15 hrs)**

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

**Directed Courses (Required) (3-12 hrs)\***

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

**Teacher Licensure Requirements (31 hrs)**

EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning (Secondary)	2
EDUC 235	Instructional Design: Secondary / Practicum	1/2
EDUC 240	Technology Practicum	2
EDUC 360	Foundations of Education	2
EDUC 425	Secondary Measurement and Evaluation	3
EDUC 435	Secondary Curriculum / Practicum	2/1
HIST 419	Secondary Social Studies Teaching	2/1
	Methods/Practicum	

**Professional Semester**

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

**TOTAL HOURS:** 135 hours minimum required; 50 hours must be 300-400 level.

**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

**Faculty**

**RESIDENTIAL – FULL-TIME**

Professor

Dinsmore; Kester; Runion; Skoumbourdis

Associate Professor

Cook; Kilpatrick; Long, S.; Putney, N.; Schweitzer; Sprano; Van Voorhis; Wang; Young, R.

Assistant Professor

Grayson; McGowan; Smith, E.; Tomkins

**RESIDENTIAL – PART-TIME**

Professor

Van Eaton, J.

**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

**History Minor**

**History Minor (18 hrs)**

HIST	Electives (300-400 level)	9
<b>Choose three courses (9 hrs) from:</b>		
HIUS 221	Survey of American History I	3
HIUS 222	Survey of American History II	3
HIEU 201	History of Western Civilization I	3
HIEU 202	History of Western Civilization II	3

quarters) of calculus and attained an average of “B” or better in all mathematics courses; and

- 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.)

#### PROGRAM LEARNING OUTCOMES

The student will be able to:

- Solve problems using the appropriate mathematical expertise.
- Use abstract reasoning to rigorously evaluate mathematical hypothesis, and formulate and communicate mathematical analysis and arguments.
- Critically analyze and investigate complex phenomena of the physical and/or socio-economic worlds by representing these problems mathematically.
- Articulate how a biblical/Christian worldview informs one’s vocation and professional practices.
- 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

<b>Mathematics Major (B.S.)</b>	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Courses in the Major (40 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> 2
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	<b>Choose one course from:</b> MATH 305, 332 or 334	3
MATH	<b>Choose one course from:</b> MATH 307, 331 or 422	3
MATH	<b>Choose one course from:</b> MATH 301, 302, 350, 352 or 401	3
MATH	Elective (300-400 level)	3
MATH 450	<i>Math Capstone Seminar</i>	1
<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 (15-19 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		
<b>TOTAL HOURS:</b> 120 hours minimum required; 33 hours must be 300-400 level.		

<b>Mathematics Major (B.S.)</b>	
<b>ACTUARIAL COGNATE</b>	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Courses in the Major (40 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> 2
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</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	
<b>TOTAL HOURS:</b> 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 (59-63 hrs)****Courses in the Major (40 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 Mathematical Lab</i>	1
MATH 200	<i>Introduction to Mathematical Reasoning</i>	2
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

**Choose one course from:**

MATH	MATH 307, 331 or 422	3
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**Choose one course from:**

MATH	MATH 301, 302, 350, 352 or 401	3
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MATH 450	<i>Math Capstone Seminar</i>	1
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**Directed Courses (Required) (2-17 hrs)**

PHYS 231	<i>University Physics I*</i>	4
PHYS 232	<i>University Physics II*</i>	4
PSYC 210	<i>Developmental Psychology*</i>	3
CSCI 110	<i>Computing Foundations and Ethics*</i>	3
CSCI 111	<i>Introduction to Programming*</i>	3

**Teacher Licensure Requirements (31 hrs)**

EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning (Secondary)</i>	2
EDUC 235/ 236	<i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435/ 436	<i>Secondary Curriculum / Practicum</i>	2/1
MATH 419/ 420	<i>Teaching Mathematics in Secondary Schools / Practicum</i>	2/1

**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

\*Approved General Education courses may be counted in the Core Competency Requirements

**TOTAL HOURS:** 132 hours minimum required; 45 hours must be 300-400 level.

**Mathematics Minor****Mathematics Minor (23-24 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>	2
MATH 211	<i>Introduction to Statistical Analysis</i>	3
MATH Electives		9-10
MATH 231 and 6 hours 300-400 level courses		
OR	9 hours 300-400 level courses	

**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*

**Faculty****RESIDENTIAL – FULL-TIME**

*Distinguished Research Professor*

Habermas

*Professor*

Beck; Foreman; Hinkson; Martin, E.; Provenzola

*Associate Professor*

Jones, M.

**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 in the verbal section presumably because of Philosophy's central emphasis on careful-written and verbal communication, analytic conceptualization of complex ideas, evaluation of claims and positions with a full awareness of the requirement of starting points, presuppositions, and interpretative frameworks, and a constant use of metaphors, models, and other heuristic devices to express thoughts in clear and understandable terms. The program focuses on the classical philosophical areas of study, including metaphysics, epistemology, logic, aesthetics, and ethics, and provides a strong, impactful foundation for further studies in many diverse fields at the graduate level and beyond, including in seminary, law, and the sciences. Philosophical analysis is not only excellent preparation for ministry, but also serves as the first step toward graduate studies in English, theology, leadership or management, business, counseling, History, politics, law, philosophy, and a great 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

#### Philosophy Major (B.A.)

**General Education: Core Competency Requirements (53-57 hrs)**

**Liberal Arts Focus:**

**Language Requirements (12 hrs)** Must be one language; German or French is recommended

**Integrative Studies (6 hrs)**

**Concentration Courses (36 hrs)**

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

**Directed Courses (Required) (6 hrs)**

CHHI 301	History of the Christian Church I	3
CHHI 302	History of the Christian Church II	3

**Free Electives (3-7 hrs)**

**TOTAL HOURS:** 120 hours minimum required; at least 42 hours must be 300-400 level.

### Philosophy Minor

#### Philosophy Minor (15 hrs)

**Choose one of the following courses:**

PHIL 301	History of Philosophy I	3
	OR –	
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 Minor*

**History Minor (18 hrs)**

HIST	Electives (300-400 level)	9
<b>Choose three courses from:</b>		
HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIEU 201	<i>History of Western Civilization I</i>	3
HIEU 202	<i>History of Western Civilization II</i>	3

# 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*

**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*

**Kevin Rawls, B.S., M.A.R., M.B.A.**

*Chair, College of General Studies  
Instructor of Business*

**Mark Tinsley, B.S., M.S., M.A.R., M.Div., Th.M.**

*Chair, College of General Studies  
Assistant Professor of General Education*

**Carolyn Towles, B.S., M.Ed.**

*Chair, College of General Studies  
Assistant Professor of English*

## Faculty

### RESIDENTIAL – FULL-TIME

*Professor*

Adu-Gyamfi; Baggett, D.; Bell, B.; Curtis; Detwiler; Heady; Runion; Schmidt

*Associate Professor*

Alban, Jr., D.; Baggett, M. E.; Brown, J. M.; Ferdon; Metallo; Putney, N.; Sites; Smith, S.C.; Towles, M.; Van Voorhis; Veak

*Assistant Professor*

Bell, S.; Brigman; Brown; Cole; Davis, M.; Donald; Donovan, S.; Gaumer; Gibson; Grayson; Holt, A.; Olson; Patton; Pettit; Ritchie; Towles, C.; Traphagen

*Instructor*

Dow; Hamren; Holt, T.; Myers R.; Rawls, K.; Sloan

*Lecturer*

Coates; Hammersmith; Tweedy

### DISTANCE EDUCATION – FULL TIME

*Professor*

Detwiler

*Assistant Professor*

Arbo, M.; Aucoin; Babb; Bunker; Cargo; Dew; Dixon; Doran; Dunnagan; Francis; Franz; Hardin; Hill; Isaac, L.; Isaac, S.; Jackson, G.; King, F.; Kuykendall; Lane, A.; Lockhart;

Lowes; Osborne; Roberts; Sandlin; Sansom; Schlabra; Seipp; Selitto; Smith, A. L.; Swygart; Turchin; Vena; Wilsey

*Instructor*

Alvis; Bailess; Bebernitz; Bowman; Brown, P.G.; Burgess; Conner, H.; Dolan; Donovan, T.; Cook, G.; Douglass; Downie; Dudley; Edgerton; Garber, C.; Garber, P.; Gibson; Givens; Harris, K.; Hassenpflug; Heppding; Hetrick; Hines; Hobson; Holbrook; Hollis; Horne; Kimbrough; Kyes; Laughlin; Love, R.; Ludington; Maxon; Monroy; Morgan, J.; Paul; Penner; Pensgard; Perry; Plomaritas; Powell, B.; Qualls; Rawls, D.; Rawls, S.; Rice, S.; Richey, B.; Robinson, C.; Robinson, K.; Roth; Skiver; Smith, K. S.; Taylor, L.; Tinsley; Toney; Zuidema, S.

### 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, math, and natural and social 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:

- Enriching the freshman and sophomore experience in the classroom through a rigorous and coherent sequence of courses;
- Increasing student success through programs such as freshman learning communities and pedagogical innovations; and
- 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.

## Information Technology

### PURPOSE

Information Technology (INFT) is designed to assist students in developing and demonstrating foundational competency and proficiency in the program that will lead to success in their college course work and future careers. All incoming residential students, both freshmen and transfer, have the option to take assessments in Information Literacy and 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 Information Literacy assessment covers research skills such as choosing a topic, types of resources, and citing.

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), depending on which assessments the student complete successfully. 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 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:

### Bachelor of Science (59-63 hrs)

#### General Education: Core Competency Requirements

<b>COMMUNICATION</b>	<b>6 hrs</b>
COMS 101 <i>Speech Communication</i>	3
ENGL 101 <i>Composition and Rhetoric</i>	3
<b>MATHEMATICS, SCIENCE &amp; 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
Technology Competency	0-3
<b>INFORMATION LITERACY</b>	<b>6 hrs</b>
ENGL 102 <i>Composition and Literature</i>	3
HIEU 201 or 202 or HIUS 221 or 222	3
<b>CRITICAL THINKING</b>	<b>15 hrs</b>
ENGL 201, 202, 215, 216, 221, or 222	3
GOVT 200, PSYC 101 or 210, SOCI 200 or 201	3
PHIL 201 <i>Philosophy and Contemporary Ideas</i>	3
HUMN 101, THEA 101, ARTS 105, or MUSC 103 <b>AND</b>	3
* GEN ED ELECTIVE (non-language)	3
<b>OR</b>	
**LANG ____ <b>AND</b>	3
**LANG ____	3
<b>BIBLICAL WORLDVIEW</b>	<b>21 hrs</b>
BIBL 105 <i>Old Testament Survey</i>	3
^ BIBL 205 <i>Old Testament Life and Literature</i>	3
BIBL 110 <i>New Testament Survey</i>	3
^ BIBL 210 <i>New Testament Life and Literature</i>	3
BWVW 101 <i>Biblical Worldview I</i>	2
BWVW 102 <i>Biblical Worldview II</i>	2
EVAN 101 <i>Evangelism and 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
* All courses <b>except</b> ENGL and Language qualify for the General Education elective	
** Must be the same language	
^ Options available to Honors students	
<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:

### Bachelor of Arts (67-70 hrs)

#### General Education: Core Competency Requirements

	<b>(53-57 hrs)</b>
<b>COMMUNICATION</b>	<b>6 hrs</b>
COMS 101 <i>Speech Communication</i>	3
ENGL 101 <i>Composition and Rhetoric</i>	3
<b>MATHEMATICS, SCIENCE &amp; TECHNOLOGY</b>	<b>8-12 hrs</b>
CRST 290 <i>History of Life</i>	2-3
MATH ____ (above 110)	3
NAT SCI ____	3
Technology Competency	0-3
<b>INFORMATION LITERACY</b>	<b>9 hrs</b>
ENGL 102 <i>Composition and Literature</i>	3
HIEU 201 <i>History of Western Civilization I</i>	3
HIEU 202 <i>History of Western Civilization II</i>	3
<b>CRITICAL THINKING</b>	<b>15 hrs</b>
ENGL 201, 202, 215, 216, 221, or 222	3
HUMN 101, THEA 101, CINE 101, ARTS 105, or MUSC 103	3
PHIL 201 <i>Philosophy and Contemporary Ideas</i>	3
<b>BIBLICAL WORLDVIEW</b>	<b>21 hrs</b>
BIBL 105 <i>Old Testament Survey</i>	3
^ BIBL 205 <i>Old Testament Life and Literature</i>	3
BIBL 110 <i>New Testament Survey</i>	3
^ BIBL 210 <i>New Testament Life and Literature</i>	3
BWVW 101 <i>Biblical Worldview I</i>	2
BWVW 102 <i>Biblical Worldview II</i>	2
EVAN 101 <i>Evangelism and 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
<b>LIBERAL ARTS FOCUS</b>	<b>18 hrs</b>
<b>LANGUAGE</b> Must be <b>one</b> language	12
<b>INTEGRATIVE STUDIES</b>	6

As part of the Core Competency requirements, **students may select one course for Integrative Studies which contains the same prefix as courses within the major.** Integrative courses may only be taken after the student has achieved 60 hours.

The General Education Requirements leading to the Associate of Arts in the residential degree programs are:

### Associate of Arts (47-51 hrs)

#### General Education: Core Competency Requirements

<b>COMMUNICATION</b>	<b>6 hrs</b>
COMS 101 <i>Speech Communication</i>	3
ENGL 101 <i>Composition and Rhetoric</i>	3

<b>MATHEMATICS, SCIENCE, &amp; TECHNOLOGY</b>		
CRST 290	<i>History of Life</i>	<b>8-12 hrs</b> 2-3
MATH ____	(above 110)	3
* NAT SCI ____		3
Technology Competency		0-3
<b>INFORMATION LITERACY</b>		
ENGL 102	<i>Composition and Literature</i>	<b>6 hrs</b> 3
HIEU 201 or 202 or HIUS 221 or 222		3
<b>CRITICAL THINKING</b>		
GOVT 200, PSYC 101 or 210, SOCI 200 or 201		<b>12 hrs</b> 3
PHIL 201	<i>Philosophy and Contemporary Ideas</i>	3
HUMN 101, THEA 101, ARTS 105, or MUSC 103 AND		3
**GEN ED ELECTIVE (non-language)		3
<b>BIBLICAL WORLDVIEW</b>		
+BIBL 105	<i>Old Testament Survey /AND/OR</i>	<b>15 hrs</b> 3
BIBL 110	<i>New Testament Survey</i>	3
BWVW 101	<i>Biblical Worldview I</i>	2
BWVW 102	<i>Biblical Worldview II</i>	2
EVAN 101	<i>Evangelism and 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
* 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 General Education and Integrative Courses for Residential Programs**

<b>Mathematics, Science, and Technology</b>		
MATH 115	<i>Mathematics for Liberal Arts</i>	
MATH 117	<i>Elements of Mathematics</i>	
MATH 121	<i>College Algebra</i>	
MATH 125	<i>Finite Mathematics</i>	
MATH 126	<i>Elementary Calculus for Business and Science</i>	
MATH 128	<i>Elementary Functions and Coordinate Geometry</i>	
MATH 131	<i>Calculus and Analytical Geometry I</i>	
MATH 132	<i>Calculus and Analytical Geometry II</i>	
MATH 201	<i>Introduction to Probability and Statistics</i>	
MATH 211	<i>Introduction to Statistical Analysis</i>	
MATH 217	<i>Elementary Geometry</i>	
MATH 227	<i>Number Systems and Geometry</i>	
*BIOL 101	<i>Principles of Biology</i>	
*BIOL 102	<i>Principles of Human Biology</i>	
BIOL 103	<i>Principles of Biology Lab</i>	
BIOL 104	<i>Principles of Human Biology Lab</i>	
*BIOL 203	<i>Introductory Microbiology</i>	
*^BIOL 213	<i>Human Anatomy/Physiology I</i>	
^BIOL 214	<i>Human Anatomy/Physiology I Lab</i>	
*^BIOL 215	<i>Human Anatomy/Physiology II</i>	
^BIOL 216	<i>Human Anatomy/Physiology II Lab</i>	
*BIOL 224	<i>General Biology I</i>	
*CHEM 107	<i>Essentials of General/Organic Chemistry</i>	
*CHEM 121	<i>General Chemistry I</i>	
*CHEM 122	<i>General Chemistry II</i>	
*ENVR 215	<i>Principles of Environmental Science</i>	

ENVR 220	<i>Physical Geology</i>
ENVR 221	<i>Physical Geology Lab</i>
PHSC 121	<i>Introduction to Astronomy</i>
PHSC 122	<i>Elements of Astronomy Lab</i>
*PHSC 210	<i>Elements of Earth Science</i>
PHSC 211	<i>Elements of Earth Science Lab</i>
*PHYS 101	<i>Elements of Physics</i>
PHYS 103	<i>Elements of Physics Lab</i>
*PHYS 201	<i>General Physics I</i>
*PHYS 202	<i>General Physics II</i>
*PHYS 231	<i>University Physics I</i>
*PHYS 232	<i>University Physics II</i>
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>
ECON 110	<i>Survey of Economics</i>
ECON 213	<i>Principles of Microeconomics</i>
ECON 214	<i>Principles of Macroeconomics</i>
GEOG 200	<i>Introduction to Geography</i>
HLTH 216	<i>Personal Health</i>

**Information Literacy**

ENGL 102	<i>Composition and Literature – OR</i>
MUSC 200	<i>Music, Art, Worship and Culture</i>
HIEU 201	<i>History of Western Civilization I</i>
HIEU 202	<i>History of Western Civilization II</i>
HIUS 221	<i>Survey of American History I</i>
HIUS 222	<i>Survey of American History II</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 Christian Life</i>
GLST 220	<i>Intercultural Communication and Engagement</i>
PSYC 150	<i>Psychology of Relationship Development</i>
THEO 201	<i>Theology Survey I</i>
THEO 202	<i>Theology Survey II</i>

**Communication**

COMS 101	<i>Speech Communications</i>
ENGL 101	<i>Composition and Rhetoric</i>

**Critical Thinking**

ARTS 105	<i>Art Appreciation</i>
CINE 101	<i>Cinematic Arts Appreciation I</i>
ENGL 201	<i>American Literature I</i>
ENGL 202	<i>American Literature II</i>
ENGL 215	<i>English Literature I</i>
ENGL 216	<i>English Literature II</i>
ENGL 221	<i>World Literature I</i>
ENGL 222	<i>World Literature II</i>
GLST 290	<i>Cultural Anthropology</i>

GOVT 200	<i>Constitutional Government and Free Enterprise</i>
GOVT 210	<i>Introduction to Political Science</i>
GOVT 220	<i>American Government</i>
HUMN 101	<i>Humanities in Western Culture</i>
Language	Chinese, French, German, Greek, Hebrew, Spanish (100/200 level), or Sign Language-ASL
MUSC 103	<i>Music Appreciation</i>
MUSC 213	<i>Survey of Popular and Jazz Music Literature</i>
MUSC 311	<i>Music History (Antiquity – 1750)</i>
MUSC 312	<i>Music History (Since 1750)</i>
MUSC 313	<i>History of Music and Worship</i>
MUSC 314	<i>Music in World Cultures</i>
MUSC 371	<i>Survey of Songwriting Literature</i>
PHIL 201	<i>Philosophy and Contemporary Ideas</i>
PSYC 101	<i>General Psychology</i>
PSYC 210	<i>Developmental Psychology</i>
SOCI 200	<i>Introduction to Sociology</i>
SOCI 201	<i>Social Problems</i>
THEA 101	<i>Theatre Appreciation</i>

**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>
COMS 464	<i>Media Applications</i>
ENGL 405	<i>Literature of the Bible</i>
ENGL 406	<i>Literature of the Civil War</i>
ENGL 442	<i>Musical Theatre</i>
ENGL 460	<i>Christian Literature</i>
ENGL 462	<i>Religious Issues in Dramatic Literature</i>
GEOG 410	<i>Global Issues in Geography</i>
HIEU 466	<i>Renaissance and Reformation Europe</i>
HLTH 400	<i>Contemporary Health Issues</i>
HUMN 301	<i>Film as Art</i>
INDS 499	<i>Integration of Faith and Learning through the Washington Semester Fellowship</i>
NASC 315	<i>Environmental Science</i>
PHIL 468	<i>The Thought of J.R.R. Tolkien</i>
PHSC 310	<i>Astronomy: An Integrated Approach</i>
SPAN 324	<i>Christianity in Latin America</i>
THEO 324	<i>Theology of Suffering and Disability</i>
THEO 340	<i>Theology and Politics</i>

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 (45 hrs)**

Foundational Studies		18 hrs
ENGL101	<i>Composition and Rhetoric</i> <sup>1</sup>	3
ENGL 102	<i>Composition and Literature</i>	3
_____	Communications Elective	3
MATH _____	Math Elective (MATH 115 or higher) <sup>2</sup>	3
APOL 104	<i>Contemporary Worldviews</i>	3
INFT 101	<i>Instructional Technology for Online Learning</i>	3
Investigative Studies		27 hrs
_____	Natural Science Elective	3
_____	History Elective	3
ECON 213	<i>Principles of Microeconomics</i>	3
ECON 214	<i>Principles of Macroeconomics</i>	3
BUSI 201	<i>Intermediate Business Computer Applications</i> <sup>3</sup>	3
_____	Humanities Elective	3
BIBL 104*	<i>Survey of Biblical Literature</i>	3
PHIL 201	<i>Philosophy and Contemporary Ideas</i>	3
THEO 104*	<i>Introduction to Christian Thought</i>	3

<sup>1</sup>ENGL 100 (minimum grade of "C") is a prerequisite for ENGL 101

<sup>2</sup>MATH 110<sup>2</sup> (minimum grade of "C") is a prerequisite for MATH 201

<sup>3</sup>INFT 101 is a prerequisite for BUSI 201

<sup>4</sup>MATH 100<sup>5</sup> (minimum grade of "C") is a prerequisite for MATH 110

<sup>5</sup>A score of 13 on the Math Assessment or CLST 103 is a prerequisite for MATH 100

\*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)**

Foundational Studies		15 hrs
ENGL101	<i>Composition and Rhetoric</i> <sup>1</sup>	3
ENGL 102	<i>Composition and Literature</i>	3
_____	Communications Elective	3
MATH _____	Math Elective (MATH 115 or higher) <sup>2</sup>	3
APOL 104	<i>Contemporary World View</i>	3
INFT 101	<i>Instructional Technology for Online Learning</i>	3
Investigative Studies		21 hrs
_____	Natural Science Elective**	3
_____	History Elective	3
_____	Social Science**	6
_____	Humanities	3
PHIL 201	<i>Philosophy and Contemporary Ideas</i>	3
BIBL 104*	<i>Survey of Biblical Literature</i>	3
THEO 104*	<i>Introduction to Christian Thought</i>	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 201

<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 BIBL 105, BIBL 110, THEO 201, THEO 202, and EVAN 101.

**Approved General Education and Investigative 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 marked 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.

**English Composition**

- ENGL 101 *Composition and Rhetoric* \*
- ENGL 102 *Composition and Literature*\*

**Communications**

- COMS 101 *Speech Communication*\*
- Any Communications (COMS) course including upper and lower level electives that meets the University's general education guidelines
- ENGL 333 *Modern Grammar*
- ENGL 350 *Advanced Expository Writing*
- BUSI 300 *Business Communication*\*

**Computer**

- BUSI 201 *Intermediate Business Computer Applications* \*
- CSCI 111 *Computer Science I*
- CSCI 112 *Computer Science II*

**Mathematics**

- Any course equivalent to or higher than MATH 115\*
- MATH 121 *College Algebra*\*
- MATH 1XX, 2XX, 3XX or 4XX may be considered through the course substitution process.
- Restrictions may apply when MATH 201\* (*Introduction to Probability and Statistics*) is required in a particular major

**Natural Science**

- Any lower or upper level natural science course which meets the University's general education guidelines and falls within the following disciplines of study (including electives).
- BIOL 101 *Principles of Biology*\*
- BIOL 103 *Principles of Biology Lab*– NAT SCI Elective\*
- NASC Natural Science
- PHSC Physical Science
- PHSC 210 *Earth Science* – NAT SCI Elective\*
- PHSC 211 *Earth Science Lab*– NAT SCI Elective\*
- BIOL Biology
- PHYS Physics
- CHEM Chemistry
- Restrictions may apply to some majors

**Fine Arts/Humanities**

- HUMN 101 *Humanities in Western Culture*\*
- HUMN Any Humanities course including upper or lower level electives
- ENGL 201, 202, 215, 216\*, 221, 222
- MUSC 103 *Music Appreciation*
- ARTS 105 *Art Appreciation*
- THEA 101 *Theatre Appreciation*
- ANTH 203 *World Religions*
- PHIL Any Philosophy course including upper or lower level electives which meets the University's general education guidelines
- SPAN, FREN, GREK, LANG, CSPA, CGRM, etc.
- All Foreign and Modern Languages including upper or lower electives. Conversational languages are for use in Bachelor of Science degree programs only.

**History**

- HIEU 201 *Western Civilization I*\*
- HIUS 221 *Survey of American History I*\*
- HIEU, HIUS, HIWD, HIST
- Any lower or upper level course within a history discipline may satisfy the History requirement (including electives) that meets the University's general education guidelines.

**Social Science**

- Any lower or upper level course, including electives, that meets the University's general education guidelines and falls within the following disciplines of study. Restrictions may apply to some majors.
- SOCI Sociology including SOCI 200\* or SOCI 201\*
- PSYC Psychology including:  
PSYC 101\* or PSYC 210\*
- GOVT Government including:  
GOVT 200\* or GOVT 220\*
- ECON Economics including:  
ECON 213 or ECON 214\* or ECON 350\*
- GEOG Geography\*
- ANTH Anthropology
- GLST Global Studies, including GLST 200\*
- HIEU, HIUS, etc. History including:  
HIUS 221\* or HIEU 201\*
- HLTH 216 *Personal Health*
- HLTH 252 *Drugs in Society*\*

**Religion for Non-Religion Majors**

- APOL 104 *Contemporary Worldviews*\*
- BIBL 104 *Introduction to Biblical Literature*\*
- THEO 104 *Introduction to Christian Thought*\*
- PHIL 201 *Introduction to Philosophy*\*

**Religion for Religion Majors**

- EVAN 101 *Evangelism*\*
- BIBL 105 *Old Testament Survey*\*
- BIBL 110 *New Testament Survey*\*
- THEO 201 *Theology Survey I*\*
- THEO 202 *Theology Survey II*\*
- CRST 290 *History of Life*\*
- PHIL 201 *Introduction to Philosophy*\*

**General Education Elective**

This elective may be fulfilled by approved courses within the Fine Arts/Humanities, Natural Science, Math, Computer, History, or Social Science disciplines. 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.luonline.com/index.cfm?PID=17016>.

**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**

*Dean, School of Aeronautics  
Associate Professor of Aviation*

**J. Ernie Rogers, B.B.A., M.A., FAA COMM, INST, ME, MEI, HELO, ATP, CFI, CFII**

*Associate Dean, School of Aeronautics  
Associate Professor of Aviation*

**Robert L. Hudson, B.S., FAA COMM, INST, CFI, CFII, ATP**

*Associate Dean Flight Operations*

**Brian Hough, FAA ATP, COMM, MULTI, INST, CFI, CFII, MEI**

*Director of Business Development and Satellite Operations*

**John Marselus, B.S., M.A., M.A.R., M.Div., FAA COMM, INST, ME, MEI, CFI, CFII**

*Chair, Unmanned Aerial Systems  
Associate Professor of Aviation*

**Robert Howell, FAA A&P, DME**

*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 COMM, INST, CFI, CFII, MEI, ATP**

*Director of Standardization and Evaluation*

**Aaron Wilson, B.A., M.A., FAA COMM, INST, ME, MEI, CFI, CFII**

*Director of Flight Operations*

**Bruce Barnhart, Th.B., FAA A&P, COMM, INST, ME, CFI, CFII**

*Associate Director of Flight Operations, Instrument*

**Donald Childs, B.S., FAA COMM, INST, CFI, CFII, HELO**

*Associate Director of Flight Operations*

**Marc Curley, B.S., FAA COMM, INST, CFI, CFII, ME, MEI**

*Associate Director of Flight Operations, Multi-Engine*

**Shannon Flynn, B.S., M.B.A., FAA COMM, INST, CFI, CFII**

*Associate Director of Flight Operations, Private*

**Peter Spahr, B.S., MCA, FAA A&P, COMM, INST, ME, CFI, CFII**

*Associate Director of Flight Operations, Commercial*

**Andrew Walton, B.S., M.A., FAA COMM, INST, ME, CFI, CFII, A&P**

*Safety Officer*

**Joshua Bryant, B.S., FAA INST**

*Chief Scheduler*

**Kevin Martin, B.S., FAA COMM, INST, CFI, CFII**

*Simulator Manager*

**Tana Jamison, B.S.**

*CATS FAA Testing Center Supervisor*

## 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

HELO – Helicopter Rated

INST – Instrument Rated

ME – Multi-Engine

MEI – Multi-Engine Instructor

## Faculty

### RESIDENTIAL – FULL-TIME

*Associate Professor*

Marselus; Molloy; Reichard; Rogers, E.; Young, D.

*Assistant Professor*

Blank; Mashburn; Tripp

### FLIGHT DIRECTORS

Barnhart; Childs; Curley; Flynn; Spahr; Wilson

### 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.

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 flight training is conducted at Lynchburg Regional Airport.

### Career Opportunities

Certified Flight Instructor	Missionary Pilot
Commercial Pilot	UAS Pilot
Corporate Pilot	Aircraft Mechanic
Military Pilot	Flight Attendant/Cabin Crew

### 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/dcps>.

### 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 professionalism as an aviator.

#### 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

Aeronautics Major (B.S.)	
<b>General Education: Core Competency Requirements (59-63 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		

Aeronautics Major (B.S.)	
Commercial/Corporate Concentration	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Courses in the Major Core (35 hrs)</b>	
<b>Commercial Corporate Concentration Courses (24 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 436	Advanced Jet Training 3
AVIA 440	Multi-Engine Flight 1
AVIA 455	Turbine Engines and Jet Transport 3
AVIA 460	Interview and Etiquette Techniques 2
BUSI 101	Introduction to Business 3
<b>Directed Courses (Required) (1-4 hrs)</b>	
<b>Free Electives (0-1 hr)</b>	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 44 hours must be 300-400 level)	

Aeronautics Major (B.S.)	
Missions Concentration	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Courses in the Major Core (35 hrs)</b>	
<b>Missions Concentration Courses (23 hrs)</b>	
GLST 200	Introduction to Global Studies 3
GLST 290	Cultural Anthropology 3
GLST 350	World Religions 3
GLST 385	Career Preparation for Global Workers 3
GLST 485	Jungle Camp 3
GLST 490	Trends and Issues in Global Studies 3
ACCT 211	Principles of Accounting I 3
AVIA 450	Confined Area Operation 2
<b>Directed Courses (Required) (1-4 hrs)</b>	
<b>Free Electives (0-2 hrs)</b>	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 37 hours must be 300-400 level)	

**Aeronautics Major (B.S.)**

**Unmanned Aerial Systems Concentration**

**General Education: Core Competency Requirements (59-63 hrs)**

**Courses in the Major Core (35 hrs)**

AVIA 101	Exploring Aviation	3
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 230	Unmanned Aerial Systems	3
AVIA 240	GPS Navigation	1
AVIA 250	Introduction to Space Flight	3
AVIA 305	Airplane Aerodynamics	3
AVIA 340	Aviation Weather	3
AVIA 400	Aerospace Law, Human Factors and Crew Resource Management	3
AVIA 460	Pilot Interview and Etiquette Techniques	2
BUSI 223	Personal Finance	3

**Unmanned Aerial Systems Concentration Courses (18 hrs)**

GOVT 380	Introduction to Intelligence	3
GOVT 381	Intelligence Analysis	3
GOVT 383	History and Nature of Intelligence Tools	3
GOVT 483	Military Intelligence	3
GOVT 484	Strategic Intelligence	3
CSCI 340/	Studies in Information Security	3
BMIS 340/BUSI 417		

**Directed Courses (Required) (1-4 hrs)**

PHYS 101	Elements of Physics*	3
PHYS 103	Elements of Physics Lab	1

**Free Electives (3-7 hrs)** [1 hr must be upper level]

AVIA 310 is strongly recommended

\* This is an approved General Education courses and may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum; at least 30 hours must be 300-400 level)

**Aeronautics Major (B.S.)**

**MILITARY COGNATE**

**General Education: Core Competency Requirements (59-63 hrs)**

**Courses in the Major Core (35 hrs)**

**Military Cognate Courses (15 hrs)**

AVIA 230	Unmanned Aerial Systems	3
AVIA 245	Military Aviation Selection Test Battery Preparation	3
AVIA 250	Introduction to Space Flight	3
AVIA 430	Multi-Engine Theory/Advanced Aircraft Systems	3
BUSI 310	Principles of Management	3

**Directed Courses (Required) (1-4 hrs)**

**Free Electives (6-10 hrs)** [one hour must be upper level]

**TOTAL HOURS:** 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**

**Aeronautics (A.A.)**

**Airline Flight Attendant Major**

**General Education: Core Competency Requirements (47-51 hrs)**

**Courses in the Major (25 hrs)**

AVIA 101	Exploring Aviation	3
AVIA 103	Flight Attendant Orientation	1
AVIA 210	Private Ground I	2
AVIA 300	Aviation Safety	2
AVIA 340	Aviation Weather	3
AVIA 350	Airline Operations	3
AVIA 400	Aerospace Law, Human Factors and Crew Resource Management	3
AVIA 460	Interview and Etiquette Techniques	2
FACS 130	Introduction to Hospitality, Foods and Food Safety	3
HLTH 205	Accident Prevention and Care (CPR)	3

**TOTAL HOURS:** 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>	
<b>General Education: Core Competency Requirements (47-51 hrs)</b>	
<b>Courses in the Major (45 hrs)</b>	
AVMT 100	Aircraft Sciences I 3
AVMT 102	Aircraft Sciences II 3
AVMT 104	Maintenance Practices I 3
AVMT 106	Maintenance Practices II 3
AVMT 200	Airframe Auxiliary Systems 3
AVMT 202	Aircraft Electrical Systems 3
AVMT 204	Airframe Structures I 3
AVMT 206	Airframe Structures II 3
AVMT 208	Airframe Assembly and Inspection 3
AVMT 210	Airframe Hydraulic, Pneumatic and Landing Gear 3
AVMT 212	Reciprocating Engines 3
AVMT 214	Engine Electrical Systems 3
AVMT 216	Engine Auxiliary Systems I 3
AVMT 218	Engine Auxiliary Systems II 3
AVMT 220	Turbine Engines 3
<b>TOTAL HOURS:</b> 92 hours minimum required.	

<b>Aviation Maintenance Technician Certificate (45 hrs)</b>	
AVMN 100	Aircraft Sciences I 3
AVMN 102	Aircraft Sciences II 3
AVMN 104	Maintenance Practices I 3
AVMN 106	Maintenance Practices II 3
AVMN 200	Airframe Auxiliary Systems 3
AVMN 202	Aircraft Electrical Systems 3
AVMN 204	Airframe Structures I 3
AVMN 206	Airframe Structures II 3
AVMN 208	Airframe Assembly and Inspection 3
AVMN 210	Airframe Hydraulic, Pneumatic and Landing Gear 3
AVMN 212	Reciprocating Engines 3
AVMN 214	Engine Electrical Systems 3
AVMN 216	Engine Auxiliary Systems I 3
AVMN 218	Engine Auxiliary Systems II 3
AVMN 220	Turbine Engines 3
<b>TOTAL HOURS:</b> 45 hours minimum required.	

**Aeronautics Minor**

<b>Aeronautics Minor (19 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 300	Aviation Safety	2
AVIA 305	Airplane Aerodynamics	3
AVIA 310	Instrument Ground	3

**Aviation Flight Attendant Minor**

<b>Aviation Flight Attendant Minor (19 hrs)</b>		
AVIA 101	Exploring Aviation	3
AVIA 103	Flight Attendant Orientation	1
AVIA 210	Private Ground I	2
AVIA 300	Aviation Safety	2
AVIA 400	Aerospace Law, Human Factors and Crew Resource Management	3
AVIA 460	Interview and Etiquette Techniques	2
FACS 130	Introduction to Hospitality, Foods and Food Safety	3
HLTH 205	Accident Prevention and Care (CPR)	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 the demeanor of a professional aviator.

***Commercial Pilot Concentration***

- The student will be able to analyze aeronautical challenges specific to commercial and corporate operations.

***Program of Study***

**Aeronautics Major (B.S.)**

***Commercial Pilot Concentration***

***General Education Requirements (42 hrs)***

***Courses in the Major (43 hrs)***

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 310*	<i>Instrument Ground</i>	3
AVIA 320*	<i>Instrument Flight</i>	3
AVIA 315*	<i>Commercial Ground</i>	3
AVIA 325*	<i>Commercial Flight</i>	3
AVIA 300	<i>Aviation Safety</i>	3
AVIA 305	<i>Airplane Aerodynamics</i>	3
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

***Electives (35 hrs)***

\* ***Advanced Standing (22 hrs)*** These courses will be satisfied automatically for Commercial Pilots

**TOTAL HOURS:** 120 minimum; 30 hours must be upper level; 30 hours must be completed through LU (Online and/or Residential)

# 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.**  
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  
Professor of Accounting

**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

**Emily Knowles, B.S., M.A.**  
Chair, School of Business  
Assistant Professor of Business

**Brian Satterlee, B.S., M.S., Ed.D., D.B.A.**  
Doctor of Business Administration, Program Director  
Professor of Business

## Faculty

### RESIDENTIAL – FULL-TIME Professor

George; Hicks, M.; Light, A.; Moore; Preacher; Satterlee, A.;  
Satterlee, B.; Shelton, J.; Sones; Sullivan, G.

### Associate Professor

Brunson; Calland; Duby; Hart, M.; Hicks, S.; McLaughlin;  
Poole; Richardson; Young, G.; Young, P.

### Assistant Professor

Buck; Conner; Ehrhorn; Knowles; Smith, E.; Stowe; Zaffke

### DISTANCE EDUCATION – FULL-TIME

#### Assistant Professor

Corum; Duck; Edgerton; Erickson; Hammet; Martin, M.; Marx;  
McFaul; Saunders; Sette; White, W.

## Instructor

Ahmed; Anthony, K.; Baker, L.; Barrett; Beck, J.; Bell, J;  
Bell, K.; Boto; Brown, T. K.; Bruno; Chavarria; Churchill;  
Dantas; Floyd, K.; Harper; Imel; Mattes; Meadows, L.;  
Mines; Muender; Pittman; Shelton, P.; Smith, N. J.; Sullivan,  
A.; Sullivan, W.; Warren, J.; Wright

## 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 most will not have 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/dcps>.

**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 Administrator
Import/Export Manager	Tour Industry Manager
Global Manager	U.S. Department of Homeland Security
International Financial Manager	U.S. Department of Commerce International Trade Specialist
International Marketing Manager	U.S. Department of State
International Transportation and Shipping Executive	

**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>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Core Courses in the Major (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 491	<i>Capstone: Accounting, Economics and Finance</i>	3
<b>Business and Economics Courses (15 hrs)</b>		
BUSI 301	<i>Business Law</i>	3
BUSI 303	<i>International Business</i>	2
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 411	<i>Operations Management</i>	3
<b>Directed Courses (Required) (3-12 hrs)*</b>		
BUSI 201	<i>Intermediate Business Computer Applications</i>	3
ECON 213	<i>Principles of Microeconomics</i>	3
MATH 121, 125, or 126		3
MATH 201/	<i>Introduction to Probability and Statistics</i>	3
BUSI 230		
<b>Free Electives (0-4)<sup>1</sup></b>		
* These are approved General Education courses and may be counted in the Core Competency Requirements		
<sup>1</sup> BUSI 322 is not permitted as an elective		
<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.

**Communications Cognate**

The student will be able to evaluate business communication effectiveness in various contexts.

**Economics Cognate**

The student will be able to demonstrate the application of various economic analytical and decision-making methods utilized by managers.

**Human Resource Management Cognate**

The student will be able to apply human resource management support through various solutions.

**International Business Cognate**

The student will be able to demonstrate the application of various international business analytical and decision-making methods utilized by global managers.

**Marketing Cognate**

The student will be able to demonstrate the application of various marketing analytical and decision-making methods utilized by marketing managers.

**Project Management Cognate**

The student will be able to develop project management planning from the operational and tactical levels.

**Programs of Study**

<b>Business Administration Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Core Courses in the Major (39 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
ECON 214	<i>Principles of Macroeconomics</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 303	<i>International Business</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 340	<i>Organizational Behavior</i>	3
BUSI 342	<i>Human Resource Management</i>	3
BUSI 409	<i>Non-Profit Management</i>	3
BUSI 411	<i>Operations Management</i>	3

BUSI 472	<i>Organizational Ethics</i>	3
<b>Finance Concentration Courses (21 hrs) – OR</b>		
<b>Financial Planning Concentration Courses (18 hrs) – OR</b>		
<b>Cognate Courses (15 hrs)</b>		
	<ul style="list-style-type: none"> <li>• Communications</li> <li>• Economics</li> <li>• Human Resource Management</li> <li>• International Business</li> <li>• Marketing</li> <li>• Project Management</li> </ul>	
<b>Directed Courses (Required) (3-12 hrs)<sup>1*</sup></b>		
BUSI 201	<i>Intermediate Business Computer Applications</i>	3
ECON 213	<i>Principles of Microeconomics</i>	3
MATH 121, 125, or 126		3
MATH 201/	<i>Introduction to Probability and Statistics</i>	3
BUSI 230		3
COMS 110 <sup>2</sup>	<i>Introduction to Mass Communication</i>	3
<b>Free Electives</b>		
<sup>1</sup> Finance Concentration: Directed Courses (3-12 hrs)		
Financial Planning Concentration: Directed Courses (3-12 hrs);		
<sup>2</sup> Communications Cognate: Directed Courses (6-15 hrs); COMS 110 is not an approved General Education course		
* These are approved General Education courses and may be counted in the Core Competency Requirements		

<b>Finance Concentration</b>		
ACCT 301	<i>Intermediate Accounting</i>	3
ACCT 370	<i>Financial Statement Analysis</i>	3
BUSI 321	<i>Money and the Financial System</i>	3
BUSI 405	<i>Business and Economic Forecasting</i>	3
BUSI 420	<i>Investments</i>	3
BUSI 422	<i>Real Estate</i>	3
BUSI 491	<i>Capstone: Accounting, Economics and Finance</i>	3
<b>TOTAL HOURS:</b> 122 hours minimum; at least 51 hours must be 300-400 level.		

<b>Financial Planning Concentration</b>		
ACCT 401	<i>Taxation I</i>	3
BUSI 352	<i>Financial and Retirement Planning</i>	3
BUSI 354	<i>Estate Planning</i>	3
BUSI 420	<i>Investments</i>	3
BUSI 421	<i>Insurance Planning, Risk Management, Employee Benefits</i>	3
BUSI 489	<i>Capstone in Financial Planning</i>	3
<b>Free Electives (0-1 hr)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 48 hours must be 300-400 level.		

<b>COMMUNICATIONS COGNATE</b>		
COMS 220	<i>Mass Communication Writing</i>	3
COMS 307	<i>Principles of Advertising and Public Relations</i>	3
COMS 345	<i>Persuasion</i>	3
COMS 356	<i>Direct Marketing Communication</i>	3
BUSI 490	<i>Capstone: Human Resource and Marketing</i>	3
<b>Free Electives (0-1 hr)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 42 hours must be 300-400 level.		

<b>ECONOMICS COGNATE</b>		
GOVT 302	<i>Modern Political and Economic Ideas</i>	3
BUSI 321	<i>Money and the Financial System</i>	3
BUSI 405	<i>Business and Economic Forecasting</i>	3

BUSI 464	<i>International Market Integration and Trade Agreements</i>	3
BUSI 491	<i>Capstone: Accounting, Economics and Finance</i>	3
<b>Free Electives (0-4 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>HUMAN RESOURCE MANAGEMENT COGNATE</b>		
BUSI 343	<i>Employee and Labor Relations</i>	3
BUSI 440	<i>Compensation Management</i>	3
BUSI 443	<i>Workforce Planning and Employment</i>	3
BUSI 444	<i>Human Resource Development</i>	3
BUSI 490	<i>Capstone: Human Resource and Marketing</i>	3
<b>Free Electives (0-4 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>INTERNATIONAL BUSINESS COGNATE</b>		
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
BUSI 492	<i>Capstone: International Business and Project Management</i>	3
<b>Free Electives (0-4 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>MARKETING COGNATE</b>		
BUSI 331	<i>Marketing Research</i>	3
BUSI 431	<i>Sales Management and Professional Selling</i>	3
BUSI 438	<i>Marketing Brand Management</i>	3
<b>Choose one course (3 hrs) from the following:</b>		
BUSI 430	<i>Promotion Strategy – OR</i>	3
BUSI 435	<i>Small Business Entrepreneurship – OR</i>	
BUSI 436	<i>Marketing in a Virtual World – OR</i>	
BUSI 437	<i>Global Marketing</i>	
BUSI 490	<i>Capstone: Human Resource and Marketing</i>	3
<b>Free Electives (0-4 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>PROJECT MANAGEMENT COGNATE</b>		
BUSI 413	<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
BUSI 492	<i>Capstone: International Business and Project Management</i>	3
<b>Free Electives (0-4 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level.		

<b>Business Administration Major (B.S.) Teacher Licensure Requirements</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Business Administration Core (42 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3

ECON 214	<i>Principles of Macroeconomics</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 303	<i>International Business</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 340	<i>Organizational Behavior</i>	3
BUSI 342	<i>Human Resource Management</i>	3
BUSI 409	<i>Non-Profit Management</i>	3
BUSI 411	<i>Operations Management</i>	3
BUSI 472	<i>Organizational Ethics</i>	3
BUSI 490	<i>Capstone: Human Resource and Marketing</i>	3
<b>Directed Courses (Required) (3-15 hrs)*</b>		
BUSI 201	<i>Intermediate Business Computer Applications</i>	3
ECON 213	<i>Principles of Microeconomics</i>	3
MATH 125	<i>Finite Mathematics</i>	3
MATH 201/	<i>Introduction to Probability and Statistics</i>	3
BUSI 230		
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 (Secondary)</i>	2
EDUC 235	<i>Instructional Design: Secondary /</i>	1/
/ 236	<i>Practicum</i>	2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 419	<i>Secondary Teaching Methods / Practicum</i>	2/
/ 420		1
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435	<i>Secondary Curriculum / Practicum</i>	2/
/ 436		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> 135 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.

- 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 (59-63 hrs)</b>	
<b>Courses in the Major (42 hrs)</b>	
ACCT 211	Principles of Accounting I 3
ACCT 212	Principles of Accounting II 3
BUSI 301	Business Law 3
BUSI 310	Principles of Management 3
BMIS 200/	Enterprise Business Applications and 3
BUSI 200	Communications
BMIS 208	Application Programming 3
BMIS 310/	Web Architecture and Development 3
CSCI 310	
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
BUSI 417	
BMIS 351	System Analysis and Design 3
BMIS 405	Business and Economic Forecasting 3
BMIS 460	IS Project Management 3
<b>Cognate Courses (15 hrs)</b>	
<ul style="list-style-type: none"> <li>• Accounting Information Systems</li> <li>• Application Development</li> <li>• Data Networking</li> <li>• Database</li> <li>• Gaming Technologies</li> <li>• Global Studies</li> <li>• Information Assurance</li> <li>• Intelligence <sup>1</sup></li> <li>• Web Development</li> </ul>	
<b>Directed Courses (Required) (3-12 hrs)*</b>	
BUSI 201	Intermediate Business Computer Applications 3
ECON 214	Principles of Macro Economics 3
MATH 121	College Algebra 3
MATH 201/	Introduction to Probability and Statistics 3
BUSI 230	
GOVT 200 <sup>1</sup>	Constitutional Government and Free 3
	Enterprise
<b>Free Electives (0-1 hr)</b>	
<sup>1</sup> GOVT 200 is required for Intelligence Cognate ONLY; Directed courses are (3-15 hrs)	
*These courses may be counted in Foundational/Investigative Studies	

#### ACCOUNTING INFORMATION SYSTEMS COGNATE

ACCT 301	Intermediate Accounting I	3
ACCT 302	Intermediate Accounting II	3
ACCT 332	Accounting Information Systems	3
ACCT 404	Auditing	3
ACCT 432	IT Audit	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level		

#### APPLICATION DEVELOPMENT COGNATE

BMIS 209	C# Programming	3
BMIS 212	Object Oriented Programming	3
BMIS 312	Advanced Object-Oriented Programming	3
BMIS 375	Introduction to Human-Computer Interaction	3
BMIS 410	Web Enterprise Technologies	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 39 hours must be 300-400 level		

#### DATA NETWORKING COGNATE

BMIS 331	Networks	3
BMIS 335	Network Security	3
BMIS 430	Advanced Networking and Communication Systems	3
BMIS 470	Executive Perspectives on E-Commerce Technology	3
BMIS 499	Internship – OR	3
BMIS 410	Web Enterprise Technologies	
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level		

#### DATABASE COGNATE

BMIS 212	Object Oriented Programming	3
BMIS 312	Advanced Object-Oriented 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; at least 42 hours must be 300-400 level		

#### GAMING TECHNOLOGIES COGNATE

BMIS 212	Object Oriented Programming	3
ARTS 222	Desktop Publishing	3
ARTS 351	Digital Imaging	3
ARTS 473	2D / 3D Graphics and Animation	3
ARTS 474	Interactive Game Development	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 39 hours must be 300-400 level		

#### GLOBAL STUDIES COGNATE

GLST 200	Introduction to Global Studies	3
GLST 350	World Religions	3
GLST 385	Career Preparation for Global Workers	3
GLST	Electives Upper Level	6
<b>TOTAL HOURS:</b> 120 hours minimum; at least 42 hours must be 300-400 level		

#### INFORMATION ASSURANCE COGNATE

BMIS 331	Networks	3
BMIS 335	Network Security	3
BMIS 341	Information Security Planning	3
BMIS 342	Cyber Security	3

BMIS 440	<i>Digital Forensics</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level		

**INTELLIGENCE COGNATE**

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>	3
<b>TOTAL HOURS:</b> 120 hours minimum; at least 45 hours must be 300-400 level		

**WEB DEVELOPMENT COGNATE**

BMIS 410	<i>Web Enterprise Technologies</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3
ARTS 222	<i>Desktop Publishing</i>	3
ARTS 351	<i>Digital Imaging</i>	3
ARTS 472	<i>Interactive Multimedia</i>	3
<b>TOTAL HOURS:</b> 120 hours minimum; 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.

**Accounting Minor (18 hrs)**

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>	3
ACCT 401	<i>Taxation</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.

**Business Minor (18 hrs)**

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
BUSI 303	<i>International Business – OR</i>	3
BUSI 330	<i>Principles of Marketing</i>	3

**Business Management Information Systems Minor****Business Management Information Systems Minor (18 hrs)**

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 351	<i>System Analysis and Design</i>	3
BMIS 405	<i>Business and Economic Forecasting</i>	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**

<b>Accounting Major (B.S.)</b>		
<b>General Education Requirements (45 hrs)</b>		
<b>Core Courses (36 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 <sup>1</sup>	<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 (18 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>Electives (21 hrs)<sup>2</sup></b>		
<sup>1</sup> Prior BUSI 322 (Liberty or transfer) credit may be substituted for ACCT 311		
<b>TOTAL HOURS:</b> 120 minimum; at least 30 hours must be upper level; 30 hours must be completed through LU (Online and/or Residential)		

**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**

<b>Accounting Major (A.A.)</b>		
<b>General Education Requirements (39 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	<i>Elective</i>	3
<b>TOTAL HOURS:</b> 60 minimum; 15 hours must be completed through LU (Online and/or Residential)		

**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.

**Communications Cognate**

The student will be able to evaluate business communication effectiveness in various contexts.

**Economics Cognate**

The student will be able to demonstrate the application of various economic analytical and decision-making methods utilized by managers.

**Entrepreneurship Cognate**

The student will be able to apply business theories and practices to entrepreneurial environments.

**Green and Sustainable Management Cognate**

The student will be able to examine the components of green and sustainable management.

**Healthcare Management Cognate**

The student will be able to evaluate policies and ethical issues in healthcare settings.

**Human Resource Management Cognate**

The student will be able to apply human resource management support through various solutions.

**International Business Cognate**

The student will be able to demonstrate the application of various international business analytical and decision-making methods utilized by global managers.

**Marketing Cognate**

The student will be able to demonstrate the application of various marketing analytical and decision-making methods utilized by marketing managers.

**Project Management Cognate**

The student will be able to develop project management planning from the operational and tactical levels.

**Public Administration Cognate**

The student will be able to develop public administration plans that reflect the theories that shape public administration.

**Programs of Study**

**Business Administration Major (B.S.)**

**General Education Requirements (42-45 hrs)<sup>1</sup>**

**Core Courses in the Major (42 hrs)**

ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II*</i>	3
ECON 214	<i>Principles of Macroeconomics</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 303	<i>International Business</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 340	<i>Organizational Behavior</i>	3
BUSI 342	<i>Human Resources Management</i>	3

BUSI 400	<i>Strategic Planning/Business Policy</i>	3
BUSI 409	<i>Non-Profit Management</i>	3
BUSI 411	<i>Operations Management</i>	3
BUSI 472	<i>Organizational Ethics</i>	3

**Concentration Courses (18 hrs)**

- Finance
- Financial Planning

**Cognate Courses (12 hrs)**

- Communications<sup>1</sup>
- Economics
- Entrepreneurship
- General
- Green and Sustainable Management
- Healthcare Management
- Human Resource Management
- International Business
- Marketing
- Project Management
- Public Administration

**Electives – Cognates (24 hrs)<sup>1</sup>**

<sup>1</sup> General Education courses vary for the Financial Planning Concentration and the Communications Cognate (45 hrs); elective course hours also vary

**TOTAL HOURS:** 120 minimum; 30 hours must be upper level

**Finance Concentration**

ACCT 301	<i>Intermediate Accounting</i>	3
ACCT 370	<i>Financial Statement Analysis</i>	3
BUSI 321	<i>Money and the Financial System</i>	3
BUSI 405	<i>Business and Economic Forecasting</i>	3
BUSI 420	<i>Investments</i>	3
BUSI 422	<i>Real Estate</i>	3

**(Electives 24 hrs)**

**TOTAL HOURS:** 120 hours minimum; at least 30 hours must be 300-400 level.

**Financial Planning Concentration<sup>1</sup>**

ACCT 401	<i>Taxation I</i>	3
BUSI 352	<i>Financial and Retirement Planning</i>	3
BUSI 354	<i>Estate Planning</i>	3
BUSI 420	<i>Investments</i>	3
BUSI 421	<i>Insurance Planning, Risk Management, and Employee Benefits</i>	3
BUSI 489	<i>Capstone in Financial Planning</i>	3

**Electives (15 hrs)**

**TOTAL HOURS:** 120 hours minimum; at least 30 hours must be 300-400 level.

**COMMUNICATIONS COGNATE**

**General Education Requirements (45 hrs)**

COMS 220	<i>Mass Communication Writing</i>	3
COMS 307	<i>Principles of Advertising and Public Relations</i>	3
COMS 345	<i>Persuasion</i>	3
COMS 356	<i>Direct Marketing Communication</i>	3

**Electives (21 hrs)**

**ECONOMICS COGNATE**

BUSI 321	<i>Money and the Financial System</i>	3
BUSI 464	<i>International Market Integration and Trade Agreements</i>	3
ECON 350	<i>Classical Economics</i>	3
GOVT 302	<i>Modern Political and Economic Ideas</i>	3

**ENTREPRENEURSHIP COGNATE**

BUSI 423	Franchising	3
BUSI 424	E-Commerce	3
BUSI 425	Family Business Management	3
BUSI 435	Small Business Management	3
<b>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  
**Electives (24 hrs)**

**GREEN AND SUSTAINABLE MANAGEMENT COGNATE**

ENVR 320	Environment and Sustainability <sup>1</sup>	3
ENVR 330	Energy Resources and Efficiencies	3
ENVR 350	Environmental Science and Policy	3
ENVR 370	Geographic Information Systems <sup>2</sup>	3
<b>Electives (24 hrs)</b>		

<sup>1</sup> BIOL 101 and PHSC 210 are prerequisites for ENVR 320

<sup>2</sup> PHSC 210 and 211 are prerequisites for ENVR 370

**HEALTHCARE MANAGEMENT COGNATE**

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>Electives (24 hrs)</b>		

**HUMAN RESOURCE MANAGEMENT COGNATE**

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>Electives (24 hrs)</b>		

**INTERNATIONAL BUSINESS COGNATE**

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>Electives (24 hrs)</b>		

**MARKETING COGNATE**

BUSI 321	Money and the Financial System	3
BUSI 331	Marketing Research	3
BUSI 430	Promotion Strategy	3
BUSI 433	Marketing Management	3
<b>Electives (24 hrs)</b>		

**PROJECT MANAGEMENT COGNATE**

BUSI 413	Foundations of Project Management	3
BUSI 414	Project Management I	3
BUSI 415	Project Management II	3
BUSI 416	Leading Global Projects	3
<b>Electives (24 hrs)</b>		

**PUBLIC ADMINISTRATION COGNATE**

GOVT 360	Introduction to Public Administration	3
GOVT 462	Public Finance and Budgeting	3
GOVT 470	Government Regulations of Business	3
GOVT 475	Advanced Public Administration	3
<b>Electives (24 hrs)</b>		

NOTE: GOVT 200 is a prerequisite for all courses within the cognate

**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 Requirements (45 hrs)**

**Core Courses in the Major (42 hrs)**

ACCT 211	Principles of Accounting I	3
ACCT 212	Principles of Accounting II	3
BMIS 200	Enterprise Business Applications and Communications <sup>1</sup>	3
BMIS 208	Application Programming <sup>2</sup>	3
BMIS 310	Web Architecture and Development	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 351	System Analysis and Design	3
BMIS 405	Business and Economic Forecasting	3
BMIS 460	IS Project Management	3
BUSI 301	Business Law	3
BUSI 310	Principles of Management	3

**Cognate Courses (15 hrs)**

- Accounting Information Systems
- Application Development
- Data Networking
- Database
- Gaming Technologies
- Information Assurance

<ul style="list-style-type: none"> <li>Intelligence</li> <li>Web Development</li> </ul>
<b>Electives (18 hrs)</b>
<sup>1</sup> MATH 110 (minimum grade of “C”) or equivalent is a prerequisite for MATH 121, 201 and BMIS 200
<sup>2</sup> BUSI 201 (minimum grade of “C”) is a prerequisite for BMIS 208
<b>TOTAL HOURS:</b> 120 minimum; at least 30 hours must be upper level

<b>ACCOUNTING INFORMATION SYSTEMS COGNATE</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>APPLICATION DEVELOPMENT COGNATE</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>DATA NETWORKING COGNATE</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>	

<b>DATABASE COGNATE</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>	

<b>GAMING TECHNOLOGIES COGNATE</b>		
ARTS 222	<i>Desktop Publishing</i>	3
ARTS 351	<i>Digital Imaging</i>	3
ARTS 473	<i>2D / 3D Graphics and Animation</i>	3
ARTS 474	<i>Interactive Game Development</i>	3
BMIS 212	<i>Object Oriented Programming</i>	3

<b>INFORMATION ASSURANCE COGNATE</b>		
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

<b>INTELLIGENCE COGNATE</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 – OR</i>	3
GOVT 484	<i>Strategic Intelligence</i>	

<b>WEB DEVELOPMENT COGNATE</b>		
ARTS 222	<i>Desktop Publishing</i>	3
ARTS 351	<i>Digital Imaging</i>	3
ARTS 472	<i>Interactive Multimedia</i>	3
BMIS 410	<i>Web Enterprise Technologies</i>	3
BMIS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3

## 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 Requirements (39 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
BUSI 300	<i>Business Communications</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 303	<i>International Business</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI ___	<i>Elective</i>	3
<b>TOTAL HOURS:</b> 60 minimum		

## 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 Requirements (39 hrs)</b>		
<b>Courses in the Major (21 hrs)</b>		
BMIS 200	<i>Enterprise Business Applications and Communications<sup>1</sup></i>	3
BMIS 208	<i>Application Programming<sup>2</sup></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
<sup>1</sup> MATH 110 (minimum grade of “C”) or equivalent is a prerequisite for MATH 121, 201 and BMIS 200		
<sup>2</sup> BUSI 201 (minimum grade of “C”) is a prerequisite for BMIS 208		
<b>TOTAL HOURS:</b> 60 minimum; at least 36 hrs must be upper 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	<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
BUSI 303	<i>International Business – OR</i>	3
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 ___	<i>Upper-level Electives</i>	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/dcps>.

## *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 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>	3
BUSI 342	<i>Human Resource Management</i>	3
BUSI 472	<i>Organizational Ethics</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 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 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

### CERTIFICATE COMPLETION PLANS

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

# 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  
Assistant 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

## 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. Concentrations, by department include: Digital Media & Communication Arts: Advertising/Public Relations, Digital Media, Journalism, and Speech Communication; Studio & Digital Arts: Graphic Design and Studio Art; Theatre Arts: 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

## Faculty

### RESIDENTIAL – FULL-TIME

Associate Professor

Curlee; Flesher; Miller, D.

Assistant Professor

Nelson, D.; Walz

## 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.)

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 addition to the general admission requirements, students must meet the following admission requirements to apply to continue into the program in their Junior year:

- Unofficial university transcripts that provide proof of completion of CORE classes: CINE 201, CINE 202, and 203 with at least a B average

- One letter of recommendation from:
  - University instructor or staff member
  - Past or present employer or peer
- Essay/pitch (1,000 words) telling the story of a film the student wants to make
- Written letter explaining why the student wants to be a filmmaker and a declaration of documentary or narrative study
- Oral interview (by appointment)

**NOTE:** Films, DVDs or videotapes will not be accepted with application to the program.

**TRANSFER STUDENTS**

Transfer students will be required to meet the same application procedures as resident students with one exception:

If they are transferring into Liberty University in their Junior year, they will need to attend summer session to take the CORE courses in order to meet the program application procedures. A commitment to the summer session should be noted in the applicant's letter of interest. Summer sessions are delivered in two, one-week intensives.

**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 (59-63 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>		
BUSI 301	<i>Business Law</i>	3
BUSI 435	<i>Small Business Entrepreneurship</i>	3
CINE 305	<i>Editing</i>	3
CINE 350	<i>Thesis Film Production</i>	6
CINE 352	<i>Alternative Distribution Analysis</i>	3
CINE 353	<i>Feature Screenwriting</i>	3
CINE 400	<i>Feature Pre-Production</i>	6
CINE 402	<i>Feature Production</i>	6
CINE 451	<i>Post Production</i>	4
CINE 452	<i>Post Visual Effects – OR</i>	3
CINE 499	<i>Cinema Internship</i>	
CINE 453	<i>Feature Distribution and Marketing</i>	3
COMS 333	<i>Video Production</i>	3
COMS 345	<i>Persuasion</i>	3
COMS 474	<i>Advanced Audio Production</i>	3
HUMN 301	<i>Film as Art</i>	3
MUSC 497	<i>Special Topics: Scoring</i>	2
THEA 320	<i>Directing</i>	3
* After the completion of all CORE courses, the student will be required to apply and be officially approved to continue in this major.		
<b>NOTE:</b> 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> 128 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
COMS 323	<i>Scriptwriting for Visual Media</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*

*Assistant Professor of Communication Studies*

**Faculty**

**RESIDENTIAL – FULL-TIME**

*Professor*

Kelly; Kramer; Martin, C.; Mullen, F.; Mullen, W.; Pruitt; Schwartz; Sovo; Windsor

*Associate Professor*

Allison; Beavers, L.; Huff; Lyster; Mintle; Widgeon

*Assistant Professor*

Bonebright; Gerstner; Kirk; Miller, P.

**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:

- Use their professional skills to complement their moral and ethical values.
- Possess both theoretical and history understanding of Digital Media, Advertising /Public Relations, Journalism and Speech Communication.
- 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.

**Communication Studies Major (B.S.)**

**PURPOSE**

The purpose of the Communication Studies major is to provide students with a theoretical understanding of various communication processes and the ability to make practical application of knowledge in a multiplicity of professional and personal contexts.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Apply communication theory and principles;
2. Gather and synthesize pertinent information from a variety of sources;
3. Create effective and audience-appropriate messages;
4. Integrate a Christian worldview with best practices for communication.

**Advertising and Public Relations Concentration**

The student will be able to develop strategic communication tactics, programs and campaigns.

**Digital Media Concentration**

The student will be able to create media narratives and programming using the professional models of pre-production, production, and post-production.

**Journalism Concentration**

The student will be able to prepare news stories in a format and style appropriate for print and electronic media.

**Speech Communication Concentration**

The student will be able to critically evaluate communication effectiveness in various contexts.

**Programs of Study**

**Communication Studies Major (B.S.)**

**Advertising and Public Relations Concentration**

**General Education: Core Competency Requirements (59-63 hrs)**

**Core Courses (12 hrs)**

COMS 110	<i>Introduction to Mass Communication</i>	3
COMS 210	<i>Communication Perspectives</i>	3
COMS 220	<i>Mass Communication Writing</i>	3
COMS 360	<i>Professional Communication</i>	3

**Advertising & Public Relations Concentration (30 hrs)**

ARTS 222	<i>Desktop Publishing</i>	3
COMS 223	<i>Audio/Video Basics</i>	3
COMS 234	<i>Copy Editing</i>	3
COMS 307	<i>Principles of Ad and PR</i>	3
ARTS 340	<i>Publication Design</i>	3
COMS 385-399	<i>Communication Practicum</i> (1 hour X 3 semesters) [2 must be related to Advertising/Public Relations]	3
COMS 489	<i>Communication Campaigns</i>	3
COMS 499	<i>Internship</i>	3

**Select either Advertising or Public Relations:**

**Advertising:**

COMS 346	<i>Advertising Copywriting and Design</i>	3
COMS 356	<i>Direct Marketing Communication</i>	3

**Public Relations:**

COMS 357	<i>Public Relations Writing</i>	3
COMS 367	<i>Public Relations Strategies</i>	3

**Free Electives (15-19 hrs) [12 hrs must be upper level]**

**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; 36 hours must be 300-400 level.

**Communication Studies Major (B.S.)**

**Digital Media Concentration**

**General Education: Core Competency Requirements (59-63 hrs)**

**Core Courses (12 hrs)**

COMS 110	<i>Introduction to Mass Communication</i>	3
COMS 210	<i>Communication Perspectives</i>	3
COMS 220	<i>Mass Communication Writing</i>	3
COMS 360	<i>Professional Communication</i>	3

**Digital Media Concentration (36 hrs)**

COMS 224	<i>Fundamentals of Audio Production</i>	3
COMS 225	<i>Fundamentals of Video Production</i>	3
COMS 369	<i>Chronicle of Motion Pictures and Television</i>	3
COMS 385-399	<i>Communication Practicum</i> (1 hour X 3 semesters) [2 must be related to Broadcasting]	3
COMS 484	<i>Communication Law and Ethics</i>	3
COMS 488	<i>Survey of Media Business Practices</i>	3
COMS 498	<i>Senior Portfolio</i>	3
COMS 499	<i>Internship</i>	3

**Select either Video or Audio (12 hrs):**

**Video:**

COMS 323	<i>Script Writing</i>	3
COMS 333	<i>Video Production</i>	3
COMS 473	<i>TV News Production</i>	3
COMS 483	<i>Advanced TV</i>	3

**Audio:**

COMS 324	<i>Announcing</i>	3
COMS 334	<i>Audio Production</i>	3
COMS 454	<i>Radio News</i>	3
COMS 474	<i>Advanced Audio</i>	3

**Free Electives (9-13 hrs)**



<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>Communication Studies Major (B.S.) Journalism Concentration</b>	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Core Courses (12 hrs)</b>	
COMS 110	Introduction to Mass Communication 3
COMS 210	Communication Perspectives 3
COMS 220	Mass Communication Writing 3
COMS 360	Professional Communication 3
<b>Journalism Concentration (30 hrs)</b>	
COMS 234	Copy Editing 3
COMS 354	News Writing 3
COMS 385-399	Professional Practicum (1 hour X 3 semesters) 3 [2 must be related to Journalism]
COMS 484	Communication Law and Ethics 3
COMS 485	Investigative Reporting 3
COMS 499	Internship 3
<b>Select either Print Track or Broadcast Track (12 hrs):</b>	
<b>Print Track:</b>	
ARTS 222	Desktop Publishing 3
ARTS 340	Publication Design 3
COMS 482	Specialized Publications 3
Choose one course (3 hrs) from the following:	
COMS 373	Editorial and Opinion 3
COMS 374	Magazine Writing 3
<b>Broadcast Track:</b>	
COMS 223	Audio-Video Basics 3
COMS 324	Announcing 3
COMS 473	TV News Production 3
Choose one course (3 hrs) from the following:	
COMS 323	Script Writing for Visual Media- OR 3
COMS 454	Radio News Production 3
<b>Directed Course (Required) (0-3 hrs)*</b>	
ECON 110	Survey of Economics* 3
<b>Free Electives (15-19 hrs) [9 hrs must be upper level]</b>	
* This is an approved General Education course and may be counted in the Core Competency Requirements	
<b>NOTE:</b> Must have a "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> 120 hours minimum; 36 hours must be 300-400 level.	

<b>Communication Studies Major (B.S.) Speech Communication Concentration</b>	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Core Courses (12 hrs)</b>	
COMS 110	Introduction to Mass Communication 3
COMS 210	Communication Perspectives 3
COMS 220	Mass Communication Writing 3
COMS 360	Professional Communication 3
<b>Speech Communication Concentration (30 hrs)</b>	
COMS 315	Oral Interpretation 3
COMS 325	Interpersonal Communication 3
COMS 330	Small Group Communication 3
COMS 335	Argumentation 3
COMS 345	Persuasion 3
COMS 355	Organizational Communication 3
COMS 455	Communication Theory 3
COMS 465	Rhetorical Theory 3
COMS 475	Criticism of Public Address 3
COMS 499	Internship 3

<b>Free Electives (15-19 hrs) [3 hrs must be upper level]</b>
<b>NOTE:</b> Must have a "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> 120 hours minimum; 36 hours must be 300-400 level.

**Advertising/Public Relations Minor**

<b>Advertising/Public Relations Minor (15 hrs)</b>	
COMS 220	Mass Communication Writing 3
COMS 234	Copy Editing 3
COMS 307	Principles of Advertising and Public Relations 3
<b>Select either Advertising or Public Relations (6 hrs):</b>	
<b>Advertising:</b>	
COMS 346	Advertising Copywriting and Design 3
COMS 356	Direct Marketing Communication 3
<b>Public Relations:</b>	
COMS 357	Public Relations Writing 3
COMS 367	Public Relations Strategies 3

**Crisis Communication Minor**

<b>Crisis Communication Minor (15 hrs)</b>	
COMS 220	Mass Communication Writing 3
COMS 335	Argumentation – OR 3
COMS 345	Persuasion 3
COMS 355	Organizational Communication 3
COMS 360	Professional Communication 3
COMS 490	Crisis Communication 3

**Journalism Minor**

<b>Journalism Minor (18 hrs)</b>	
COMS 220	Mass Communication Writing 3
COMS 234	Copy Editing 3
COMS 354	News Writing 3
<b>Choose one course (3 hrs) from the following:</b>	
ARTS 222	Desktop Publishing – OR 3
COMS 223	Audio/Video Basics 3
<b>Choose two courses (6 hrs) from the following:</b>	
ARTS 340	Publication Design 3
COMS 374	Magazine Writing 3
COMS 473	TV News Production 3
COMS 485	Investigative Reporting 3

**Speech Minor**

<b>Speech Minor (15 hrs)</b>	
COMS 210	Communication Perspectives 3
<b>Choose four courses (12 hrs) from the following:</b>	
COMS 315	Oral Interpretation 3
COMS 325	Interpersonal Communication 3
COMS 330	Small Group Communication 3
COMS 335	Argumentation 3
COMS 345	Persuasion 3
COMS 355	Organizational Communication 3
COMS 455	Communication Theory 3
COMS 465	Rhetorical Theory 3
COMS 475	Criticism of Public Address 3

## 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*

### Faculty

#### RESIDENTIAL – FULL TIME

*Professor*

Glaze, S.; Smith, A.T.; Sumner

*Associate Professor*

Davis, D. C.; Edman; Palmer; Slayton

*Assistant Professor*

Cannon; Maloney; Meyer, D.; Reynolds

*Instructor*

Isaacson; Phillips, C.

#### 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
Business	Public Relations
Education	Radio
Film	Sales
Journalism	Television

#### Combined Skills

Acting	News Reporting
Copy Editing	Public Affairs
Copy Writing	Reporting
Corporate Team Building	Communications Research
Editing Publications	Social Work
Graphic Illustration	Speech Writing
Lobbying	Teaching
News Anchor	Tutoring
News Directing	Web Design

#### 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.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:

- Use their professional skills to complement their moral and ethical values;

- Possess both theoretical and historical understanding of studio and digital arts; and
- 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

##### Studio and Digital Arts Major (B.S.)

###### General Education: Core Competency Requirements (59-63 hrs)

###### Major Core Courses (15 hrs)

ARTS 113	<i>Introduction to Design</i>	3
ARTS 201	<i>History of Art</i>	3
ARTS 211	<i>Drawing I</i>	3
ARTS 222	<i>Desktop Publishing</i>	3
ARTS 300	<i>Art as Communication</i>	3

###### Concentration Courses (30 hrs)

- Graphic Design
- Studio Arts

**Free Electives (12-16 hrs)** [Graphic Design: 6 hrs must be upper level] [Studio Art: 3 hrs must be upper level]

**TOTAL HOURS:** 120 hours minimum; at least 36 hours must be 300-400 level.

##### Graphic Design Concentration

ARTS 223	<i>Typography</i>	3
ARTS 332	<i>Digital Illustration</i>	3
ARTS 341	<i>Graphic Design</i>	3
ARTS 351	<i>Digital Imaging</i>	3
ARTS 371	<i>Advanced Graphics</i>	3
ARTS 472	<i>Interactive Media</i>	3
ARTS 473	<i>2D/3D Graphics and Animation</i>	3
ARTS 492	<i>Professional Practices</i>	3
ARTS 499	<i>Internship</i>	3
ARTS ____	<i>Upper-level Elective</i>	3

##### Studio Art Concentration

ARTS 310	<i>Drawing II</i>	3
ARTS 321	<i>Painting I</i>	3
ARTS 330	<i>Sculpture I</i>	3
ARTS 361	<i>Digital Photography</i>	3
ARTS 420	<i>Painting II</i>	3
ARTS 430	<i>Sculpture II</i>	3
ARTS 492	<i>Professional Practices</i>	3
ARTS 499	<i>Internship</i>	3
ARTS ____	<i>Upper-level Electives</i>	6

**Studio and Digital Arts Major (B.S.) Studio Art – Teacher Licensure Requirements**

<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Studio and Digital Arts Core Courses (15 hrs)</b>		
<b>Studio Art Concentration (30 hrs)</b>		
ARTS 310	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 497	Special Topics: Arts and Crafts	3
ARTS Electives (upper level)		6
<b>Directed Courses (Required) (0-3 hrs)*</b>		
PSYC 210	Developmental Psychology	3
<b>Teacher Licensure Requirements (28 hrs)</b>		
EDUC 125	Introduction to Education	1
EDUC 221	Current Area Reading: Differentiated Teaching and Learning (Secondary)	2
EDUC 235 /236	Instructional Design: Secondary / Practicum	1/2
EDUC 240	Technology Practicum	2
EDUC 360	Foundations of Education	2
EDUC 425	Secondary Measurement and Evaluation	3
EDUC 435 /436	Secondary Curriculum / 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
* This is an approved General Education courses and may be counted in the Core Competency Requirements		
<b>TOTAL HOURS:</b> 132 hours minimum; at least 53 hours must be 300-400 level.		

**Graphic Design Minor**

<b>Graphic Design Minor (18 hrs)</b>		
ARTS 113	Introduction to Design	3
ARTS 222	Desktop Publishing	3
ARTS 332	Digital Illustration	3
ARTS 341	Graphic Design	3
ARTS 351	Digital Imaging	3
ARTS 371	Advanced Graphics	3

**Photography Minor**

<b>Photography Minor (18 hrs)</b>		
ARTS 113	Introduction to Design	3
ARTS 301	Basic Photography	3
ARTS 351	Digital Imaging	3
ARTS 361	Digital Photography	3
ARTS 461	Advanced Digital Photography	3
ARTS 497	Special Topics: Advanced Photography	3

**Studio Art Minor**

<b>Studio Art Minor* (18 hrs)</b>		
ARTS 113	Introduction to Design	3
<b>Choose one of the following focused areas:</b>		
Drawing:	ARTS 211 and 310	6

Painting:	ARTS 321 and 420	
Sculpture:	ARTS 330 and 430	
Digital 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

**Faculty**

**RESIDENTIAL – FULL-TIME**

Associate Professor  
 Cooper, L.; Hayes, S.; Wheeler, S.  
 Assistant Professor  
 Brasher; Gawinski; Geffken; Nelson, C.

**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**

- Students must receive a “C” or better in all THEA classes.
- Students must earn a minimum GPA of 2.00 to participate in THEA 200, 300, or 400 classes.
- 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.

#### 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

<b>Theatre Arts Major (B.A.)</b>	
<b>General Education: Core Competency Requirements (53-57 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>	
<i>Integrative Studies (6 hrs)</i>	
<b>Theatre Arts Major Core (19 hrs)</b>	
THEA 200	Play Production I (2 semesters) 2
THEA 211	Foundations of Theatre History I 3
THEA 220	Acting I 3
THEA 300	Play Production II (2 semesters) 2
THEA 312	Script Analysis 3
THEA 400	Play Production III (3 semesters) 3
THEA 490	Senior Project (final semester of study) 3

<b>Concentration Courses (30 hrs)</b>
<ul style="list-style-type: none"> <li>• Performance</li> <li>• Production</li> </ul>
<b>Additional Requirement for Major:</b>
Must pass the Sophomore Hearing
<b>NOTES:</b> Must have a minimum GPA of 2.50
Must have a minimum GPA of 2.00 to participate in THEA 200, 300, 400

<b>Performance Concentration</b>		
<b>Concentration Courses (30 hrs)</b>		
MUSC 121	Voice (Freshman)	1
MUSC 122	Voice (Freshman)	1
MUSC 221	Voice (Sophomore)	1
THEA 212	Foundations of Theatre History II	3
THEA 250	Voice for the Stage	3
THEA 310	Acting II	3
THEA 390	Stage Accents	3
THEA 420	Acting III	3
THEA 422	Classical Acting – OR	3
THEA 460	Advanced Musical Theatre	
THEA 440	Stage Movement	3
THEA 450	Musical Theatre Performance	3
THEA 497	Special Topics in Theatre Art	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	Foundations of Theatre History II	3
THEA 260	Introduction to Theatrical Design	3
THEA 320	Directing	3
THEA 340	Makeup Design	3
THEA 350	Writing for the Stage – OR	3
THEA 352	Writing for Church Drama	
THEA 360	Costume Design	3
THEA 370	Scenic Design	3
THEA 380	Lighting Design	3
THEA 410	Drama for the Church	3
THEA 411	Stage and Theater Management	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 (53-57 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>	
<i>Integrative Studies (6 hrs)</i>	
<b>Theatre Arts Major Core (19 hrs)</b>	
THEA 200	Play Production I (2 semesters) 2
THEA 211	Foundations of Theatre History I 3
THEA 220	Acting I 3
THEA 300	Play Production II (2 semesters) 2
THEA 312	Script Analysis 3
THEA 400	Play Production III (3 semesters) 3
THEA 490	Senior Project (final semester) 3
<b>Theatre Arts Education (24 hrs)</b>	
THEA 250	Voice for the Stage 3
THEA 260	Introduction to Theatrical Design 3
THEA 310	Acting II 3

THEA 320	<i>Directing</i>	3
THEA 360	<i>Costume Design – OR</i>	3
THEA 380	<i>Lighting Design</i>	
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 (Secondary)</i>	2
EDUC 235/236	<i>Instructional Design: Secondary /Practicum</i>	1/2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 419/420	<i>Secondary Teaching Methods/ Practicum</i>	2/1
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 436/437	<i>Secondary 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		
<b>TOTAL HOURS:</b> 148 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 (2 semesters)</i>	2
THEA 211	<i>Foundations of Theatre History I – OR</i>	3
THEA 212	<i>Foundations of Theatre History II</i>	
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

**DEGREE COMPLETION PLANS**

Degree Completion Plans for programs offered by the School of Communication & Creative Arts can be accessed at: <http://www.liberty.edu/dcps>.

# 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  
Associate Professor of Education*

**Scott Watson, B.A., M.A., Ph.D.**

*Associate Dean for Advanced Programs for the School of Education  
Professor of Education*

## 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  
Assistant Professor of Education*

**Deanna Keith, B.A., M.Ed., Ed.S., Ed.D.**

*Director, Special Education  
Associate Professor of Education*

## Faculty

### RESIDENTIAL – FULL-TIME

*Professor*

Ackerman; Black; Morgan; Pantana; Parker, K.; Parker, L.;  
Smith, S.J.; Watson

*Associate Professor*

Beam; Goodwin; Keith; McDonald, C.; Michael; Swezey;  
Yocum

*Assistant Professor*

Alcindor; Bradshaw; DeWitt; Dunn; Holder; Klamm;  
Rockinson-Szapkiw; Spaulding

### DISTANCE EDUCATION – FULL-TIME

*Assistant Professor*

Garzon, M.; Puga; Soden; Tobias

*Instructor*

Angle, M.; Bengds; Beveridge; Fritz; Fyock; Maddox;  
Marshall; Pickard, K.; Taber

## PURPOSE

The mission of the Teacher Licensure 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 Teacher Licensure 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, teaching English as a second language, theatre arts, and visual communication 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 – S C R I P :

- Displays a sense of **Social responsibility**
- Demonstrates **Commitment**/ work ethic
- Demonstrates **Reflective practice**
- Displays personal **Integrity**
- 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 Arts

##### Comprehensive (preK – 12)

English as a Second Language  
Health/Physical Education  
Music: Choral or Instrumental  
Spanish  
Special Education (K-12) [Integrated Studies major] learning disabilities, emotionally disturbed, and mentally retarded  
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 Teacher Licensure 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 Teacher Licensure 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 teacher licensure 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 Teacher Licensure 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/dcps>.

#### *Licensure Programs*

##### ADMISSION TO THE TEACHER LICENSURE PROGRAM

A student planning to follow a teaching program at Liberty must meet the admission requirements of the Teacher Licensure Program. The standards of admission to teacher licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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	<i>Introduction to Education</i>	1
EDUC 220	<i>Differentiated Teaching</i>	2
EDUC 225/226	<i>Instructional Design</i>	1 2
EDUC 240	<i>Introduction to Applied Educational Technology</i>	2
EDUC 317, 318, 319	<i>Elementary Reading/ Language Arts</i>	4 2
^EDUC 322, 323, 324	<i>Elementary Social Science/ Math/Science</i>	6
EDUC 360	<i>Foundations of Education</i>	2
EDUC 410/411	<i>Elementary Curriculum</i>	2 1
EDUC 415/416	<i>Measurement/Evaluation</i>	2 1
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>Middle School (22 + 19 hrs)*</b>		
EDUC 412	<i>Middle School Curriculum and Instruction</i>	2
<b>Special Education (24 + 23 hrs)*</b>		
EDSP 323, 324	<i>Trends in Special Education</i>	2 1
EDSP 363, 364	<i>Collaboration in Special Education</i>	2 1

EDSP 413, 414	<i>Instruction Adaptation</i>	2	1
EDSP 473, 474	<i>Transition Planning</i>	2	1
*Second column represents field experience credit hours.			
^EDUC 322, 324 not required for special education unless seeking dual licensure in elementary.			

**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	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading</i>	2
EDUC 235/236	<i>Instructional Design</i>	1 2
EDUC 240	<i>Introduction to Applied Educational Technology</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 419/420	<i>OR</i>	2 1
Methods course from area of concentration: (ENGL, HIST, MATH, MLAN 419/420; FACS 480/481; HLTH 440/441)		
^EDUC 425	<i>Secondary Measurement and Evaluation</i>	2
^EDUC 435/436	<i>Secondary Curriculum</i>	2 1
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
*Second column represents field experience credit hours.		
^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 Licensure Education Core (6 + 16 hrs)* (Health/Physical Education, Spanish, Special Education, Studio Art, Theatre Arts, Music, and Teaching English as a Second Language)		
EDUC 125	<i>Introduction to Education</i>	1
EDUC 221	<i>Content Area Reading</i>	2
EDUC 235/236	<i>Instructional Design</i>	1 2
EDUC 240	<i>Introduction to Applied Educational Technology</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	
<b>Physical Education (15 + 18 hrs)*</b>			
^HLTH 440/441	<i>Methods/Resources in Teaching Applied Sciences</i>	2	1
KINE 245	<i>PE Observation in Schools</i>	1	
KINE 333/334	<i>Adapted Physical Ed</i>	2	1
^KINE 435	<i>Seminar-Student Teachers</i>	2	
KINE 450/322	<i>Elem Phys Ed Methods</i>	3	1
KINE 451/326	<i>Secondary PE Methods</i>	3	1
<b>Music Vocal or Instrumental (12 + 17 hrs)*</b>			
MUSC 380	<i>Instrumental Overview</i>	2	
OR			
MUSC 390	<i>Vocal Overview</i>		
MUSC 437/438	<i>Music Methods and Materials</i>	3	1
MUSC 490/491	<i>Adv Methods and Materials</i>	1	1
*Second column represents field experience credit hours			
^HLTH/KINE replacement for Health/PE majors.			

**LICENSURE IN OTHER STATES**

Graduates who have successfully completed Liberty’s Teacher Licensure 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 teacher licensure 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 Teacher Licensure 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 Teacher Licensure Program (TLP) is required prior to registering for any upper-level courses in education. *Candidates who fail to meet the requirements for TLP admission must change to another major.* As part of the TLP 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.) ENGLISH COGNATE</b>		
<b>General Education: Core Competency Requirements (60-64 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, BIOL, CHEM, NASC, PHYS, OR PHSC [PHSC 310 OR NASC 315 is recommended]	
<b>Cognate: English (15 hrs)</b>		
ENGL 201, 202, 215, 216, 221, or 222		3
ENGL 310	<i>Children’s Literature</i>	3
ENGL 333	<i>Modern Grammar</i>	3
ENGL 350	<i>Advanced Expository Writing</i>	3
ENGL ____	Upper level (not 419/420)	3
<b>Concentration: Elementary Education (20 hrs)</b>		
EDUC 125	<i>Introduction to Elementary Education</i>	1
EDUC 220	<i>Differentiated Teaching and Learning</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>	2
<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 53 hours must be 300-400 level		

<b>Elementary Education Integrated Studies (B.S.)</b>		
<b>MATHEMATICS COGNATE</b>		
<b>General Education: Core Competency Requirements (62-66 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		
ENGL 310	<i>Children's Literature</i>	3
PSYC 345	<i>Exceptional Child</i>	3
<b>Cognate: Mathematics (15 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)	
<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>	2
<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> 131 hours minimum; at least 49 hours must be 300-400 level		

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.)</b>		
<b>SCIENCE COGNATE</b>		
<b>General Education: Core Competency Requirements (60-64 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>	2
<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> 131 hours minimum; at least 49 hours must be 300-400 level		

<b>Elementary Education Integrated Studies (B.S.)</b>		
<b>SOCIAL SCIENCE COGNATE</b>		
<b>General Education: Core Competency Requirements (60-64 hrs)</b>		
<b>Courses in the Major (70-72 hrs)</b>		
ECON 110	<i>Survey of Economics</i>	3

**SCHOOL OF EDUCATION**

GEOG 200	<i>Introduction to Geography</i>	3
ENGL 310	<i>Children's Literature</i>	3
PSYC 345	<i>Exceptional Child</i>	3
	<b>Choose 300-400 level elective from:</b>	3
	MATH, HIEU, HIWD, HIUS, BIOL, CHAM, NASC, PHYS, OR PHSC [PHSC 310 OR NASC 315 is recommended]	
	<b>Cognate: Social Science (15 hrs)</b>	
HIEU 202	<i>History of Western Civilization II</i>	3
HIUS 222	<i>Survey of American History II</i>	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	<i>American Constitutional History</i>	3
	<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 50 hours must be 300-400 level	

**Elementary Education Integrated Studies (B.S.)**

**SPANISH COGNATE**

	<b>General Education: Core Competency Requirements (60-64 hrs)</b>	
	<b>Courses in the Major (70 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: Spanish (15 hrs)</b>	
SPAN 202	<i>Intermediate Spanish II</i>	3
SPAN 301	<i>Advanced Spanish Grammar and Composition</i>	3
SPAN 304	<i>Civilization and Culture of Latin American</i>	3
SPAN 321	<i>Modern Spanish Literature</i>	3
SPAN ____	Upper level elective	
	<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>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 53 hours must be 300-400 level	

**Special Education Integrated Studies (B.S.)**

	<b>General Education: Core Competency Requirements (60-64 hrs)</b>	
	<b>Courses in the Major (63-67 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>CONCENTRATION: Special Education (24 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 323	<i>Teaching Elementary Mathematics</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
EDSP 323	<i>Current Trends in Special Education</i>	2
EDSP 363	<i>Collaboration in Special Education</i>	2
EDSP 413	<i>Inclusive Classrooms</i>	2
EDSP 473	<i>Transition Planning</i>	2
	<b>PROFESSIONAL STUDIES (12 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
EDSP 324	<i>Current Trends Practicum</i>	2
EDSP 364	<i>Collaboration Practicum</i>	2
EDSP 414	<i>Inclusive Classrooms Practicum</i>	2
EDSP 474	<i>Transition Practicum</i>	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> 123 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

### Faculty

#### RESIDENTIAL – FULL-TIME

*Professor*  
 Martin, V.  
*Associate Professor*  
 Blosser; Heisey; Zealand  
*Assistant Professor*  
 Amos; Coleman

#### 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

#### Sport Management Major (B.S.)

##### General Education: Core Competency Requirements (59-63 hrs)

##### Courses in the Major (36 hrs)

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	<i>Issues and Trends in Sport</i>	3
SMGT 410	<i>Sport Marketing</i>	3
~SMGT 499	<i>Internship</i>	3
<b>Directed Courses (required) (7-13 hrs)*</b>		
BUSI 201	<i>Intermediate Business Computer Applications*</i>	
ECON 110	<i>Survey of Economics*</i>	
<b>Choose two courses (6 hrs) from the following:</b>		6
SMGT 300	<i>Introduction to Coaching</i>	
SMGT 304	<i>Coaching Football</i>	
SMGT 306	<i>Coaching Basketball</i>	
SMGT 307	<i>Overview of Teaching Fall Sports</i>	
SMGT 308	<i>Overview of Teaching Spring Sports</i>	
SMGT 399	<i>Interim Internship</i>	
SMGT 400	<i>Sport and Exercise Psychology</i>	
SMGT 497	<i>Special Topics in Sport Management</i>	
<b>Choose one course (1 hr) from the following:</b>		1
KINE 210	<i>Softball/Volleyball</i>	
KINE 212	<i>Innovative Games</i>	
KINE 213	<i>Racquet Sports</i>	
KINE 214	<i>Tumbling/Activities</i>	
KINE 215	<i>Track and Field</i>	
KINE 218	<i>Tennis</i>	
KINE 220	<i>Bowling</i>	
KINE 221	<i>Golf</i>	
KINE 223	<i>Beginning Running</i>	
KINE 224	<i>Advanced Running</i>	
KINE 225	<i>Weight Training/Conditioning</i>	
KINE 228	<i>Beginning Swimming</i>	
KINE 229	<i>Intermediate/Advanced Swimming</i>	
KINE 232	<i>Recreational Sports</i>	
<b>Free Electives (14-18 hrs)</b>		
~ To be taken only when all other requirements are completed; 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 Minor

#### PROGRAM LEARNING OUTCOME

The student will be able to:

- Design and evaluate coaching plans and schedules in a variety of sport contexts.

<b>Coaching Minor (17 hrs)</b>		
SMGT 300	<i>Introduction to Coaching</i>	3
SMGT 304	<i>Coaching Football – OR</i>	3
SMGT 306	<i>Coaching Basketball</i>	
SMGT 307	<i>Overview of Coaching Fall Sports</i>	3
SMGT 308	<i>Overview of Coaching Spring Sports</i>	3
SMGT 314	<i>Officiating in Athletics</i>	2
SMGT 400	<i>Sport and Exercise Psychology</i>	3

### Sport Management Minor

<b>Sport Management Minor (15 hrs)</b>		
SMGT 200	<i>Introduction to Sport Management</i>	3
SMGT 302	<i>Sport Facilities and Events</i>	3
SMGT 305	<i>Sport Law</i>	3
SMGT 404	<i>Administration and Organization in Sport</i>	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	<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

## School of Education – Online Programs

### Department of Teacher Education

#### Early Childhood Education Interdisciplinary Studies Major (B.S.) (Non-Licensure Program)

##### PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Demonstrate a broad base of general and professional knowledge.
2. Plan effective instruction and selects 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. Observe, document, and assess to support young children and families.
6. Promote wellness and development of young children.
7. Demonstrate behaviors of a reflective student and seeks opportunities for professional development.

#### Program of Study

##### Early Childhood Education Interdisciplinary Studies Major (B.S.) (Non-Licensure)

<b>General Education Requirements (42 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 210	<i>Early Childhood Education Fundamentals</i> 3
EDUC 215	<i>Wellness in Early Childhood Education Settings</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
<b>Cognate Two: Content Core (15 hrs)</b>	
PSYC 210	<i>Developmental Psychology</i> 3
PSYC 221	<i>Psychology of Childhood</i> 3
PSYC 345	<i>Exceptional Child</i> 3
<b>Directed Electives (6 hrs)</b> 6	
_____ EDUC, EDSP, or PSYC <sup>2</sup>	
<b>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.	
<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

The student will be able to:

1. Synthesize a broad base of general and professional knowledge.
2. Plan effective instruction for elementary education students and select a variety of strategies based on developmental levels and individual needs in course case studies.
3. Develop lesson plans that demonstrate differentiated instruction.
4. Demonstrate an understanding of classroom management to motivate students and maximize learning.

#### Program of Study

##### Elementary Education Interdisciplinary Studies Major (B.S.) (Non-Licensure) \*

<b>General Education Requirements (42 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</i> 3
GOVT 220	<i>American Government</i> 3
MATH 121	<i>College Algebra</i> 3
PHSC 210	<i>Elements of Earth Science</i> 3
PHSC 211	<i>Elements of Earth Science Lab – OR</i> 1
BIOL 103	<i>Principles of Biology Lab</i> 1
<b>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**

The student will be able to:

1. Synthesize a broad base of general and professional knowledge;
2. Plan effective instruction for special education students and select a variety of strategies based on developmental levels and individual needs in course case studies.
3. Develop individualized plans for differentiated instruction.
4. Manage a classroom environment that motivates students and maximizes learning.

**Program of Study**

<b>Special Education Interdisciplinary Studies Major (B.S.) (Non-Licensure) *</b>	
<b>General Education Requirements (42 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 Teacher</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 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>
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>Survey of 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>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 2012 through summer 2013.	
<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.	
<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**

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. Observe, document, and assess to support young children and families.

**Programs of Study**

<b>Early Childhood Education Major (A.A.) (Non-Licensure)</b>	
<b>General Education Requirements (39 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 Early Childhood Education Settings</i> 3
EDUC 304	<i>Classroom Management for Teachers – OR</i> 3
EDUC 305	<i>Educational Philosophy for Teachers</i>
PSYC 221	<i>Psychology of Childhood</i> 3
Elective	Choose a course from the following disciplines not already required in the Core: EDUC /EDSP Electives or other approved electives 3
<b>TOTAL HOURS:</b> 60 minimum; 15 hours must be completed through LU (Online and/or Residential)	

<b>Education Major (A.A.) (Non-Licensure)</b>	
<b>General Education Requirements (39 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>
PSYC 221	<i>Psychology of Childhood</i> 3
EDUC ____	Education Elective 3
Electives	Choose two courses from the following disciplines not already required in the Core: EDUC /EDSP Electives or other approved electives 6
<b>TOTAL HOURS:</b> 60 minimum	

**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/>.

**Special Education Minor**

<b>Special Education Minor (15 hrs)</b>	
EDSP 360	<i>Learning and Behavior</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 – OR</i> 3
EDUC 307	<i>Instructional Practice for Differentiated Instruction</i>



## Department of Sport Management

### *Sport Outreach Minor (Available Spring 2014)*

#### PROGRAM LEARNING OUTCOME

The student will be able to:

- Implement sport ministry principles necessary to serve Christ through leadership in a sports-related ministry.

#### Sport Outreach Minor (18 hrs)

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/dcps>.

## 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 in Preschool*

#### Certificate in Preschool (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>	

#### CERTIFICATE COMPLETION PLANS

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

# School of Engineering & Computational Sciences

## Administration

**David Donahoo, B.S., M.S.**

*Dean, School of Engineering & Computational Sciences  
Assistant Professor of Management 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  
Associate Professor of Computational Sciences*

## Faculty

### RESIDENTIAL – FULL-TIME

*Professor*

Lewis, E.

*Associate Professor*

Bae; Ham; Jones, J.D.; Maiuzzo; Metzgar; Pettiford; Shaneck;  
Tucker; Vadnal; Wang, F.; Westfall

*Assistant Professor*

Donahoo; Rich; Sipantzi

### 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 five degrees and one minor 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 been accredited by 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/dcps>.

## 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

Liberty University's 137- hour Bachelor of Science program in Computer Engineering requires students to take 57 hours of coursework in engineering, and another 35 to 39 hours in math and science in addition to the general education requirements. A Senior Capstone Project is also required.

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**

<b>Computer Engineering Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (61-65 hrs)</b>		
<b>Courses in the Major (57 hrs)</b>		
ENGR 110	Introduction to Engineering and Problem Solving	3
ENGE 201	Introduction to Logic Design	3
ENGE 211	Introduction to Electrical Circuits	4
ENGE 212	AC Circuit Analysis	4
ENGI 220	Engineering Economy	3
CSCI 111	Introduction to Programming	3
CSCI 112	Advanced Programming	3
CSCI 215	Algorithms and Data Structures	3
ENGE 311	Signals and Systems	3
ENGE 321	Electronics	4
ENGE 341	Communications Systems	3
ENGE 361	Computer Architecture	3
ENGR 381	Engineering Design Introduction	3
ENGE 465	Introduction to Computer Networks	3
ENGC 301	Introduction to Microprocessors	3
ENGC 401	Micro Computer Design	3
ENGR 481	Engineering Design I	3
ENGR 482	Engineering Design II	3
<b>Technical Electives (3 hrs)</b>		
<b>Quantitative Studies (16 hrs)</b>		
ENGR 210	Probability and Statistical Methods for Engineering	3
MATH 221	Applied Linear Algebra	3
MATH 231	Calculus and Analytical Geometry III	4
MATH 250	Introduction to Discrete Mathematics	3
MATH 334	Differential Equations	3
<b>NOTE:</b> "C" or better required in all courses		
<b>TOTAL HOURS:</b> 137 hours minimum; at least 34 hours must be 300-400 level		

**Electrical Engineering Major (B.S.)**

**PURPOSE**

Liberty University's 138-hour Bachelor of Science program in Electrical Engineering requires students to take 52 hours of coursework in engineering, and another 35 to 39 hours in math and science in addition to the general education requirements. A Senior Capstone Project is also required.

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 computer 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 (61-65 hrs)</b>		
<b>Courses in the Major (52 hrs)</b>		
CSCI 111	Introduction to Programming	3
ENGR 110	Introduction to Engineering and Problem Solving	3
ENGE 201	Introduction to Logic Design	3
ENGE 211	Introduction to Electrical Circuits	4
ENGE 212	AC Circuit Analysis	4
ENGI 220	Engineering Economy	3
ENGE 311	Signals and Systems	3
ENGE 321	Electronics	4
ENGE 331	Electromagnetic Fields	4
ENGE 341	Communications Systems	3
ENGE 361	Computer Architecture	3
ENGR 381	Engineering Design Introduction	3
ENGE 421	Advanced Electronics	3
ENGE 351	Power Systems – OR	3
ENGE 431	Electromagnetic Compatibility – OR	3
ENGE 465	Introduction to Computer Networks	3
ENGR 481	Engineering Design I	3
ENGR 482	Engineering Design II	3
<b>Technical Electives (9 hrs)</b>		
<b>Quantitative Studies (16 hrs)</b>		
ENGR 210	Probability and Statistical Methods for Engineering	3
MATH 221	Applied Linear Algebra	3
MATH 231	Calculus and Analytical Geometry III	4
MATH 250	Introduction to Discrete Mathematics	3
MATH 334	Differential Equations	3
<b>NOTE:</b> "C" or better required in all courses		
<b>TOTAL HOURS:</b> 138 hours minimum; at least 35 hours must be 300-400 level		

**INTELLIGENCE COGNATE**

In addition to the courses in the Electrical Engineering Major listed above, students who choose the Cognate in Intelligence take the following courses:

**Intelligence Cognate: Government Studies (12 hrs)**

GOVT 380	Introduction to Intelligence	3
GOVT 381	Intelligence Analysis	3
GOVT 480	Terrorism	3
GOVT 483	Military Intelligence – OR	3
GOVT 484	Strategic Intelligence	3

**TOTAL HOURS:** 141 hours minimum; at least 47 hours must be 300-400 level

**Industrial and Systems Engineering Major (B.S.)**

**PURPOSE**

Liberty University's 137-hour Bachelor of Science program in Industrial and Systems Engineering requires students to take 51 hours of coursework in engineering, and another 35 to 39 hours in math and science in addition to the general education requirements. A Senior Capstone Project is also required.

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 (61-65 hrs)</b>			
<b>Courses in the Major (51 hrs)</b>			
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 (9 hrs)</b>			
<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>NOTE:</b> "C" or better required in all courses			
<b>TOTAL HOURS:</b> 137 hours minimum; at least 45 hours must be 300-400 level			

**Computational Science Programs**

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 (63-67 hrs)</b>		
<b>Courses in the Major (45 hrs)*</b>		
CSCI 110	Computing Foundations/Ethics	3
CSCI 111	Introduction to Programming	3
CSCI 112	Advanced Programming	3
CSCI 215	Algorithms & Data Structures	3
CSCI 325	Database Management Systems	3
CSCI 342	Computer Architecture and Organization	3
CSCI 355	Computer Network Architecture/ Programming	3
CSCI 434	Theory of Programming Languages	3
CSCI 443	Operating Systems	3
CSCI 465	Technical Aspects of Information Security	3
	– OR	
CSCI 466	Modern Cryptography	
CSCI 481	Software Engineering	3
CSCI 482	Applied Software Engineering	3
CSCI ___	(any CSCI)	3
CSCI ___	(upper level)	3
CSCI ___	OR – ENGS (upper level)	3
<b>Directed Courses (Required) (13 hrs)*</b>		
ENGR 133	Calculus with MATLAB – OR	1
MATH 133	Calculus with Mathematic Lab	
MATH 211	Introduction to Statistical Analysis	3
MATH 221	Applied Linear Algebra – OR	3
MATH 321	Linear Algebra	
MATH 250	Introduction to Discrete Mathematics	3
MATH 350	Discrete Mathematics	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>		
*NOTE: “C” or better required in all courses		
<b>TOTAL HOURS:</b> 127 hours minimum; at least 33 hours must be 300-400 level		

<b>INTELLIGENCE COGNATE</b>		
<i>In addition to the courses in the Computer Science Major listed above, students who choose the Cognate in Intelligence take the following courses:</i>		
<b>General Education: Core Competency Requirements (66-70 hrs)</b>		
<b>Intelligence Cognate: Government Studies (12 hrs)</b>		
GOVT 380	Introduction to Intelligence	3
GOVT 381	Intelligence Analysis	3
GOVT 480	Terrorism	3
GOVT 483	Military Intelligence – OR	3
GOVT 484	Strategic Intelligence	
<b>TOTAL HOURS:</b> 140 hours minimum; at least 45 hours must be 300-400 level		

<b>B.S. Computer Science</b>		
<b>Teacher Licensure Requirements (Grades 6-12)</b>		
<b>General Education: Core Competency Requirements (63-67 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	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning (Secondary)	2
EDUC 235	Instructional Design: Secondary	1/2
/236	/Practicum	
EDUC 240	Technology Practicum	2
EDUC 360	Foundations of Education	2
EDUC 419	Secondary Teaching Methods /Practicum	2/1
/420		
EDUC 425	Secondary Measurement and Evaluation	2
EDUC 435	Secondary Curriculum /Practicum	2/1
/436		
<b>Professional Semester:</b>		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
*NOTE: “C” or better required in all courses		
<b>TOTAL HOURS:</b> 156 hours minimum; at least 59 hours must be 300-400 level		

**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 (59-63 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 (9-13 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

**Multidiscipline 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>Multidiscipline Information Security Minor (18 hrs)</b>		
CSCI/	<i>Studies in Information Security</i>	3
BMIS 340		
CSCI 351	<i>Information Security Planning</i>	3
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
<b>AREA OF APPLIED INTEREST</b>		
<b>Choose one course (3 hr) from the following:</b>		
GOVT 380	<i>Introduction to Intelligence</i>	
CJUS 380	<i>Introduction to Homeland Security</i>	

# *School of Engineering & Computational Sciences*

## *Online Program*

### ***Multidiscipline 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>Multidiscipline Information Security Minor (18 hrs)</b>		
CSCI/	<i>Studies in Information Security</i>	3
BMIS 340		
CSCI 351	<i>Information Security Planning</i>	3
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
<b>AREA OF APPLIED INTEREST</b>		3
<b><i>Choose one course (3 hrs) from the following:</i></b>		
GOVT 380	<i>Introduction to Intelligence</i>	
CJUS 380	<i>Introduction to Homeland Security</i>	

# Helms School of Government

## Administration

**Shawn D. Akers, B.A., M.A., J.D.**  
*Dean, Helms School of Government*  
*Associate Professor of Government*

**Ronald Miller, B.A., M.S.**  
*Associate Dean, Helms School of Government*  
*Assistant Professor of Government*

**Stephen M. Parke, B.S., J.D., LL.M.**  
*Associate Dean, Helms School of Government*  
*Associate Professor of Criminal Justice*

## Faculty

### RESIDENTIAL – FULL-TIME

*Professor*  
 Bowers; Buzzy; Murphy; Samson  
*Associate Professor*  
 Akers; Ferdon; Fischer; Metallo; Parke; Witham  
*Assistant Professor*  
 Cox; Martin; Miller; Milnor

### DISTANCE EDUCATION – FULL-TIME

*Assistant Professor*  
 Buckner; DeBoer; Fox; Hedrick; McMillan; Orr; Pang; Pyle;  
 Sanders; Smylie; Soto; Sutton; VanHeemst; Whitehurst  
*Instructor*  
 Bragg; Duff; Godwin; Venturo; Wine; Zuidema, B.;  
 Zuidema, R.

### 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/helmschoolofgovernment/prelawstudies](http://www.liberty.edu/academics/helmschoolofgovernment/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/dcps>.

***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 (59-63 hrs)</b>		
<b>Courses in the Major (36 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 Organizations</i>	3
CJUS 310	<i>Juvenile Justice</i>	3
CJUS 320	<i>Corrections</i>	3
CJUS 330	<i>Judicial Process</i>	3
CJUS 340	<i>Criminology</i>	3
CJUS 350	<i>Criminal Justice Ethics</i>	3
CJUS 400	<i>Criminal Law</i>	3
CJUS 410	<i>Constitutional Criminal Procedure</i>	3
CJUS 420	<i>Criminal Investigations</i>	3
GOVT 480	<i>Terrorism</i>	3
<b>Directed Courses (required) (6-18 hrs)*</b>		
GOVT 200	<i>Constitutional Government and Free Enterprise*</i>	3
GOVT 220	<i>American Government*</i>	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	
PSYC ___	101*, 210*, 305/306, 317, 361, 406, 430, or 475 Language (Modern)*	
<b>Free Electives (15-19 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.		

***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 (53-57 hrs)</b>		
<b>Liberal Arts Focus:</b>		
<b>Language Requirements (12 hrs) Must be <u>one</u> language; 6 hours must be at the 200 level or above</b>		
<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
Electives	Choose upper level courses from any of the following: GOVT, HIST, FREN 304 and/or SPAN 304	12
<b>Directed Courses (Required) (0-3 hrs)</b>		
MATH 201	<i>Introduction to Probability and Statistics*</i>	3
/BUSI 230		
<b>Free Electives (0-1 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>Politics and Policy Concentration</b>		
<b>General Education: Core Competency Requirements (53-57 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>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/ CJUS	Upper level Elective	3
<b>Directed Courses (Required) (0-3 hrs)</b>		
MATH 201	<i>Introduction to Probability and Statistics*</i>	3
/BUSI 230		
<b>Free Electives (0-1 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 (53-57 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>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>	
COMS 335	<i>Argumentation and Debate</i>	3
PHIL 210	<i>Logic</i>	3
GOVT/CJUS	Electives (upper level)	6
<b>Directed Courses (Required) (0-3 hrs)</b>		
MATH 201	<i>Introduction to Probability and Statistics*</i>	3
/BUSI 230		
<b>Free Electives (0-1 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 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 (59-63 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 (12-16 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 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 (59-63 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>	
COMS 335	<i>Argumentation and Debate</i>	
PHIL 210	<i>Logic</i>	3
GOVT/CJUS Electives (upper level)		9
<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 (12-16 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.		

### 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

#### International Relations Major (B.A.)

##### International Politics and Policy Concentration

**General Education: Core Competency Requirements (53-57 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)**

##### Core Courses (30 hrs)

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

##### Concentration Courses (18 hrs)

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

##### Directed Courses (Required) (0-3 hrs)

MATH 201	<i>Introduction to Probability and Statistics*</i>	3
/BUSI 230		

##### Free Electives (0-1 hr)

\* This is an approved General Education courses and may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum required; at least 45 hours must be 300-400 level.

#### International Relations Major (B.A.)

##### Strategic Intelligence Studies Concentration

**General Education: Core Competency Requirements (53-57 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)**

##### Core Courses (27 hrs)

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

##### Concentration Courses (21 hrs)

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 ___	Elective – <b>Choose from:</b> GOVT 380-389 or 480-489	3

##### Directed Courses (Required) (0-3 hrs)\*

MATH 201 <i>Introduction to Probability and Statistics*</i> /BUSI 230 <b>Free Electives (0-1 hr)</b>	3
* 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 (47-51 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>	3
* 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> 65 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 (47-51 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
<b>Free Electives (3 hrs)</b>	
* These courses are approved General Education courses and may be counted in the Core Competency requirements.	
<b>TOTAL HOURS:</b> 65 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>	
GOVT 350 <i>Political Economy and Public Policy</i>	6
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>	
NOTE: 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>	
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>	
GOVT 477	<i>Trial Advocacy</i>
GOVT 478	<i>Appellate Advocacy</i>
COMS 335^	<i>Argumentation</i>
<b>Choose one of the following courses (3 hrs):</b>	
GOVT 421	<i>American Constitutional History</i>
GOVT 422	<i>American Constitutional Law</i>
<b>Choose one of the following courses (3 hrs):</b>	
BUSI 301^, COMS 484^, CJUS 400^, CJUS 410^, GOVT 445, GOVT 470, or SMTG 305^	
NOTE: 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 (45-48* hrs)</b>	
<b>Core Courses (36 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 Organizations</i>	3
CJUS 310 <i>Juvenile Justice</i>	3
CJUS 320 <i>Corrections</i>	3
CJUS 330 <i>Judicial Process</i>	3
CJUS 340 <i>Criminology</i>	3
CJUS 350 <i>Criminal Justice Ethics</i>	3
CJUS 400 <i>Criminal Law</i>	3
CJUS 410 <i>Constitutional Criminal Procedure</i>	3
CJUS 420 <i>Criminal Investigations</i>	3
GOVT 480 <i>Terrorism</i>	3
<b>CJUS Electives (9 hrs)*</b>	9
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 (30 hrs)</b>	30
<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</li> <li>• Forensics</li> <li>• Homeland Security</li> <li>• Public Administration</li> <li>• Strategic Intelligence Studies</li> <li>• Youth Corrections</li> </ul>	
* General Education Requirements for the Criminal Psychology Cognate is 48 hrs	
** Students taking the cognate option do not take the CJUS Electives	
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level	

**BUSINESS ADMINISTRATION AND MANAGEMENT COGNATE (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 340 <i>Organizational Behavior</i>	3
BUSI 342 <i>Human Resource Management</i>	3

**CRIMINAL PSYCHOLOGY COGNATE (15 hrs)**

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 430 <i>Abnormal Psychology</i>	3
PSYC 475 <i>Psychology of Criminal Behavior</i>	3

**Electives (21 hrs)**

**NOTE:** PSYC 341 is waived as a prerequisite for CJUS students. However, students must contact LUO Advising to register for PSYC 430 and PSYC 475.

**FORENSICS COGNATE (12 hrs)**

CJUS 360 <i>Introduction to Forensics</i>	3
CJUS 361 <i>Crime Scene Photography</i>	3
CJUS 362 <i>Crime Scene Management</i>	3
CJUS 363 <i>Computer and Cyber Forensics</i>	3

**Electives (27 hrs)**

**HOMELAND SECURITY COGNATE (12 hrs)**

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

**Electives (27 hrs)**

**PUBLIC ADMINISTRATION COGNATE (12 hrs)**

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

**Electives (27 hrs)**

**STRATEGIC INTELLIGENCE STUDIES COGNATE (12 hrs)**

GOVT 380 <i>Introduction to Intelligence</i>	3
GOVT 381 <i>Intelligence Analysis</i>	3
GOVT 481 <i>Counter-Terrorism</i>	3
GOVT 483 <i>Military Intelligence – OR</i>	3
GOVT 484 <i>Strategic Intelligence</i>	3

**Electives (27 hrs)**

**YOUTH CORRECTIONS COGNATE (12 hrs)**

CJUS 321 <i>Juvenile Corrections</i>	3
CJUS 322 <i>Community Based Corrections</i>	3
CJUS 323 <i>Delinquency and Crime Prevention</i>	3
CJUS 324 <i>Legal and Ethical Issues in Juvenile Justice</i>	3

**Electives (27 hrs)**

**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 Requirements (39 hrs)</b>		
<b>Major Courses (21 hrs)</b>		
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
<b>CJUS Elective</b>		3
Any CJUS course not required in the core, GOVT 220, PSYC 231, 235, 341, or 430		
<b>TOTAL HOURS:</b> 60 minimum		

**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/>.

**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 ____	Electives	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

**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 Health Professions*

**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 Health Professions*

**Steve E. Warren, B.S., M.A.**

*Associate Dean, School of Health Sciences  
Assistant Professor of Psychology*

**David A. DeWitt, B.S., Ph.D.**

*Chair, Department of Biology and Chemistry  
Director, Center for Creation Studies  
Professor of Biology*

**James Schoffstall, B.S., M.S.Ed., Ed.D., CSCS, HFS, CIFT,  
RCEP, FACSM**

*Chair, Department of Health Professions  
Director, Human Performance Lab  
Professor of Health Professions*

**Deanna C. Britt, R.N., B.S.N., M.S.N., Ph.D.**

*Chair, Department of Nursing  
Professor of Nursing*

**Daniel Logan, B.S., M.A., Ed.D.**

*Chair, Department of Psychology  
Associate Professor of Psychology*

**Mark Myers, B.S., M.A.R., M.R.E., Ph.D.**

*Chair, Center for Counseling and Family Studies  
Assistant Professor of Counseling*

## 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, Cell and Molecular Biology, Chemistry, Exercise Science, Environmental Biology, Health Promotion, Kinesiology, and Zoology; the B.S.N. and the R.N. to B.S.N. in Nursing; the A.A. and B.S. in Psychology; and the A.A.S. in Medical Office Assistant.

At the graduate level, the School offers the M.S. in Biomedical Sciences, the M.A. in Human Services, the M.A. in Marriage Family Therapy, the M.A. in Professional Counseling, the Master of Public Health, the M.S. in Nursing, and the Ph.D. in Professional Counseling degrees.

## 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*

**Randall D. Davy, B.S., M.S., Ph.D.**

*Director of Chemistry  
Professor of Chemistry*

**Norman G. Reichenbach, B.S., M.S., Ph.D.**

*Director of General and Organismal Biology  
Professor of Biology*

## Faculty

### RESIDENTIAL – FULL-TIME

#### Professor

Blais; Davy; DeWitt, D.; Gillen; Howell; Hubbard; McClintock; Reichenbach; Sattler, E.; Sattler, P.; Sharp; Spohn

#### Associate Professor

Allen; Brophy; Fulp; McGuirt; Richardson; Ross

#### Assistant Professor

Brown, C.; Fabich; Goldin; Isaacs; Kalu; Korn; McGibbon; Mitchell; Whittle

#### Instructor

Bullock

## PURPOSE

The Department of Biology and Chemistry provides baccalaureate programs in biology, biomedical sciences, cell and molecular biology, environmental biology, 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>.

## ARTICULATION AGREEMENT WITH EDWARD VIA VIRGINIA COLLEGE OF OSTEOPATHIC MEDICINE

Liberty University (LU) and the Edward Via Virginia College of Osteopathic Medicine (VCOM) have agreed to cooperate in a program by which a Liberty student is offered early acceptance to VCOM following a distinct academic protocol and the demonstration of high academic achievement.

In addition, VCOM and LU have created a combined studies program where a student may attend LU for three years, gain admission to VCOM, then complete his or her baccalaureate degree with LU through credits earned in select VCOM courses. VCOM has reserved seats in both programs for LU students who meet the program requirements.

VCOM offers the Doctor of Osteopathic Medicine (D.O.) degree, which is recognized in every state as the full practice of medicine. The D.O. philosophy includes the practice of medicine from the whole person approach, paying attention to the physical, spiritual, and mental needs of each patient, and partnering with the patient to prevent disease. VCOM trains students to practice compassionate and altruistic medical care and its training programs include international and Appalachian medical missions. Visit <http://www.vcom.vt.edu> for additional information.

Details concerning each program that is a part of the articulation agreement are available from the Program Coordinator



in the Department of Biology and Chemistry (434-582-2209) or [MedicalCoordinator@liberty.edu](mailto:MedicalCoordinator@liberty.edu)).

### PRE-MED HONOR SOCIETY

Advisor: 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:

- Maintained a GPA of at least 3.50 in any major field of study, and
- 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:

- Communicate scientific information both orally and in writing.
- Design and conduct biochemical experiments.
- Apply standards and principles of safe practice in the laboratory or field environment.
- Evaluate ethical issues in the life sciences in light of a biblical/Christian worldview.
- Demonstrate competence in biochemistry, cell, and molecular biology.
- Analyze and critique laboratory research results in the biochemical or molecular sciences.

### Program of Study

#### Biochemistry and Molecular Biology Major (B.S.)

##### General Education: Core Competency Requirements (59-63 hrs)

##### Courses in the Major (36 hrs) ("C" or better required)

BIOL 224	General Biology I	4
BIOL 225	General Biology II- OR	4
BIOL 207	General 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> ("C" or better)		
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 Math Lab	1
MATH 211	Introduction to Probability and Statistics*	3
PHYS 231	University Physics I*	4
PHYS 232	University Physics II*	4
<b>Free Electives (0-1 hr)</b>		
*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:

- Communicate scientific information both orally and in writing.
- Design and conduct biological experiments.
- Apply standards and principles of safe practice in the laboratory or field environment.
- Evaluate ethical issues in the life sciences in light of a Biblical/Christian worldview.
- Demonstrate competence in the basic categories of the biological sciences.
- Analyze and critique field or laboratory research results in the molecular or ecological sciences.

### Programs of Study

#### Biology Major (B.S.)

##### General Education: Core Competency Requirements (59-63 hrs)

##### Courses in the Major (36 hrs) ("C" or better required)

BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 207	General Botany	4
BIOL 301	Genetics	4
BIOL 310	Ecology	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> ("C" or better required)		
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 126	Elementary Calculus for Business and Science *- OR	3/9
MATH 131	/132 / 133*	

MATH 201/ BUSI 230	<i>Introduction to Probability and Statistics*</i> – OR	3
MATH 211	<i>Introduction to Statistical Analysis</i>	
PHYS 201	<i>General Physics I*</i>	4
PHYS 202	<i>General Physics II*</i> – OR	4
PHYS 231	<i>University Physics I*</i>	
PHYS 232	<i>University Physics II*</i>	
<b>Free Electives (3-7 hrs)</b>		
* These approved General Education courses may be counted in Core Competency Requirements.		
NOTE: 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 32 hours must be 300-400 level.		

<b>Teacher Licensure Requirements – Endorsement: Biology/Environmental Science (Grades 6-12)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Courses in the Major (36 hrs)</b> (“C” or better required)		
BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 207	<i>General Botany</i>	4
BIOL 303	<i>Microbiology</i>	4
BIOL 310	<i>Ecology</i>	4
BIOL 320	<i>Introduction to Entomology – OR</i>	4
BIOL 408	<i>Animal Behavior – OR</i>	
BIOL 418	<i>Vertebrate Natural History – OR</i>	
BIOL 419	<i>Ornithology</i>	
BIOL 400	<i>Biology Seminar</i>	1
BIOL 410	<i>Environmental Biology</i>	4
BIOL ____	Upper Level Electives	7
<b>Directed Courses (Required) (17-38 hrs)</b> (“C” or better required)		
CHEM 121	<i>General Chemistry I*</i>	4
CHEM 122	<i>General Chemistry II*</i>	4
MATH 126	<i>Elementary Calculus for Business and Science *– OR</i>	3/9
MATH 131	<i>/132 / 133*</i>	
MATH 201/ BUSI 230	<i>Introduction to Probability and Statistics*</i> – OR	3
MATH 211	<i>Introduction to Statistical Analysis</i>	
PHSC 210	<i>Elements of Earth Science*</i>	3
PHSC 211	<i>Elements of Earth Science Lab</i>	1
PHYS 201	<i>General Physics I*</i>	4
PHYS 202	<i>General Physics II* - OR</i> OR	4
PHYS 231	<i>University Physics I*</i>	
PHYS 232	<i>University Physics II*</i>	
PSYC 210	<i>Developmental Psychology*</i>	3
PSYC 355	<i>Statistics in 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 (Secondary)</i>	2
EDUC 235/ 236	<i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435/ 436	<i>Secondary Curriculum / Practicum</i>	2/1
HLTH 440/ 441	<i>Methods and Resources in Teaching Applied Sciences in 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 approved General Education courses may be counted in Foundational/Investigative Studies		
<b>TOTAL HOURS:</b> 143 hours minimum; at least 50 hours must be 300-400 level.		

<b>Teacher Licensure Requirements – Endorsement: General Biology (Grades 6-12)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Courses in the Major (36 hrs)</b> (“C” or better required)		
BIOL 224	<i>General Biology I</i>	4
BIOL 225	<i>General Biology II</i>	4
BIOL 207	<i>General Botany</i>	4
BIOL 301	<i>Genetics</i>	4
BIOL 303	<i>Microbiology</i>	4
BIOL 310	<i>Ecology</i>	4
BIOL 400	<i>Biology Seminar</i>	1
BIOL 415	<i>Cell Biology</i>	4
BIOL ____	Electives (300-400 level)	7
<b>Directed Courses (Required) (18-39 hrs)</b> (“C” or better required)		
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 126	<i>Elementary Calculus for Business and Science *– OR</i>	3/9
MATH 131	<i>/132 / 133*</i>	
MATH 201/ BUSI 230	<i>Introduction to Probability and Statistics* – OR</i>	3
MATH 211	<i>Introduction to Statistical Analysis</i>	
PHYS 201	<i>General Physics I*</i>	4
PHYS 202	<i>General Physics II*</i> – OR	4
PHYS 231	<i>University Physics I*</i>	
PHYS 232	<i>University Physics II*</i>	
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 (Secondary)</i>	2
EDUC 235/ 236	<i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 240	<i>Technology Practicum</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435/ 436	<i>Secondary Curriculum / Practicum</i>	2/1
HLTH 440/ 441	<i>Teaching Applied Sciences / 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 approved General Education courses may be counted in Core Competency Requirements.		
<b>TOTAL HOURS:</b> 144 hours minimum; at least 55 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**

<b>Biomedical Sciences Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Courses in the Major (38-40 hrs) ("C" or better required)</b>		
BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 301	Genetics	4
BIOL 313	Clinical Human Anatomy – OR	3
BIOL 385	Advanced Human Physiology	
BIOL 400	Biology Seminar	1
BIOL 415	Cell Biology	4
<b>Choose four courses from the following:</b>		
BIOL 303	Microbiology	
BIOL 305	Parasitology	
BIOL 313	Clinical Human Anatomy	
BIOL 321	Comparative Vertebrate Anatomy	
BIOL 330	Histology	
BIOL 385	Advanced Human Physiology	
BIOL 403	Embryology	
BIOL 416	Comparative Animal Physiology	
BIOL 420	Immunology	
BCHM 452	Biochemistry II	
BCHM 450	Medical Biochemistry – OR	3
BCHM 451	Biochemistry I	
<b>Directed Courses (Required) (15-33 hrs)</b> ("C" or better required in all courses)		
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 126	Elementary Calculus for Business and Science – OR	3/9
MATH 131	Calculus and Analytic Geometry I*	
MATH 132	Calculus/Analytic Geometry II*	
MATH 133	Calculus with Mathematica Lab*	
PHYS 201	General Physics I*	4
PHYS 202	General Physics II*	4
	– OR	
PHYS 231	University Physics I	
PHYS 232	University Physics II	
<b>Free Electives (4-8 hrs)</b>		
*These approved General Education courses may be counted in Core Competency Requirements.		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 38 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**

<b>Cell and Molecular Biology Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Courses in the Major (36 hrs) ("C" or better required)</b>		
BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 301	Genetics	4
BIOL 303	Microbiology	4
BIOL 400	Biology Seminar	1
BIOL 415	Cell Biology	4
BIOL 455	Molecular Techniques	3
<b>Choose two courses (8 hrs) from the following:</b>		
BIOL 330	Histology	
BIOL 403	Embryology	
BIOL 420	Immunology	
BCHM 452	Biochemistry II	
BCHM 451	Biochemistry I	4
<b>Directed Courses (Required) (18-36 hrs)</b> ("C" or better required)		
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 126	Elementary Calculus for Business and Science* – OR	3/9
MATH 131/132/133*		
MATH 201/ BUSI 230	Introduction to Probability and Statistics* – OR	3
MATH 211	Introduction to Statistical Analysis	
PHYS 201	General Physics I*	4
PHYS 202	General Physics II*	4
	– OR	
PHYS 231	University Physics I	
PHYS 232	University Physics II	
<b>Free Electives (3-7 hrs)</b>		
* These approved General Education courses may be counted in 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 (59-63 hrs)</b>		
<b>Courses in the Major (48-49 hrs)</b> ("C" or better required)		
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
CHEM 321	Analytical Chemistry	4
CHEM 322	Instrumental Analysis	4
CHEM 400	Chemistry Seminar	1
CHEM 461	Physical Chemistry I	3
CHEM 462	Physical Chemistry II	3
CHEM 465	Physical Chemistry Lab I	1
CHEM 466	Physical Chemistry Lab II	1
CHEM 471	Inorganic Chemistry	4
BCHM 451	Biochemistry I	4
<b>Choose two courses (7-8 hrs) from the following:</b>		
BCHM 452	Biochemistry II – OR	
CHEM 497	Special Topics	
<b>Directed Courses (Required) (13-24 hrs)</b> ("C" or better required)		
MATH 131	Calculus/Analytic Geometry I*	4
MATH 132	Calculus/Analytic Geometry II*	4
MATH 133	Calculus with Math Lab	1
MATH 211	Introduction to Statistical Analysis	3
PHYS 231	University Physics I	4
PHYS 232	University Physics II	4
BIOL 224	General Biology I	4
<b>Free Electives (0-1 hr)</b>		
* 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****Environmental Biology Major (B.S.)**

**General Education: Core Competency Requirements (59-63 hrs)**  
**Courses in the Major (39 hrs)** ("C" or better required)

BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 207	General Botany	4
BIOL 310	Ecology	4

**Choose two courses (8 hrs) from the following:**

BIOL 303	Microbiology	
BIOL 320	Introduction to Entomology	
BIOL 408	Animal Behavior	
BIOL 418	Vertebrate Natural History	
BIOL 419	Ornithology	
BIOL 400	Biology Seminar	1
BIOL 410	Environmental Biology	4
BIOL ____	Upper Level Elective	4
ENVR 350	Environmental Science and Policy	3
ENVR 370	Geographic Information Systems	3

**Directed Courses (Required) (17-35 hrs)**

("C" or better required in all courses)

MATH 126	Elementary Calculus for Business and Science *– OR	3/9
	MATH 131/132/133*	
MATH 201/	Introduction to Probability and Statistics*	
BUSI 230	– OR	
MATH 211	Introduction to Statistical Analysis	
PHYS 201	General Physics I – AND	4
PHYS 202	General Physics II	4
	– OR	
PHYS 231	University Physics I – AND	
PHYS 232	University Physics II	
CHEM 121	General Chemistry 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

**Free Electives (1-5 hrs)**

\* 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

**TOTAL HOURS:** 120 hours minimum; at least 30 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.)

##### General Education: Core Competency Requirements (59-63 hrs)

##### Courses in the Major (43-44 hrs) ("C" or better required)

BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 207	General Botany	4
BIOL 303	Microbiology	4
BIOL 305	Parasitology	4
BIOL 310	Ecology	4
BIOL 400	Biology Seminar	1
BIOL 408	Animal Behavior	4
BIOL 416	Comparative Animal Physiology	4
BIOL 418	Vertebrate Natural History	4
BIOL 495 or 499		3
BIOL 301, 320, 419 – OR		3-4

ENVR 370 Geographic Information Systems

##### Directed Courses (Required) (14-29 hrs)

("C" or better required in all courses)

CHEM 121	General Chemistry I*	4
CHEM 122	General Chemistry II*	4
MATH 121	College Algebra*	3
MATH 201/	Introduction to Probability and Statistics	3
BUSI 230		
PSYC 101	General Psychology*	3
PSYC 210	Developmental Psychology*	3
PSYC 355	Statistics in Psychology	3
PSCY 365	Psychological Foundations of Learning	3
PSYC 380	Physiological Psychology	3

##### Free Electives (0-4 hrs)

\*These approved General Education courses may be counted in Core Competency Requirements

Note: MATH 201/BUSI 230 is a prerequisite to BIOL 310

**TOTAL HOURS:** 120 hours minimum required; at least 40 hours must be 300-400 level.

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

#### Zoology Major (B.S.)

##### General Education: Core Competency Requirements (59-63 hrs)

##### Courses in the Major (39-40 hrs) ("C" or better required)

BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 301	Genetics	4
BIOL 310	Ecology	4
BIOL 400	Biology Seminar	1
BIOL 416	Comparative Animal Physiology	4
BIOL 303, 403, 415, 420 – OR		4
BCHM 451	Biochemistry I	
BIOL 305, 320, 321, 371, 408, 418 or 419		4
BIOL	Electives (300-400 level)	10-11

##### Directed Courses (Required) (18-36 hrs)

("C" or better required in all courses)

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 126	Elementary Calculus for Business and Science* – OR	3/9
	MATH 131/132/133*	
MATH 201/	Introduction to Probability and Statistics*	3
BUSI 230	– OR	
MATH 211	Introduction to Statistical Analysis	
PHYS 201*	and 202* – OR	4
PHYS 231	and 232	

##### Free Electives (0-4 hrs)

\*These approved General Education courses may be counted in Core Competency Requirements

**NOTE:** CHEM 121 and 122 are prerequisites to BIOL 301  
CHEM 301 is a prerequisite to BIOL 415  
MATH 201/BUSI 230 or 211 is a prerequisite to BIOL 310.

**TOTAL HOURS:** 120 hours minimum required; at least 39 hours must be 300-400 level.

### Biology Minor

#### Biology Minor (19 hrs)

BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL/BCHM or ENVR	Electives (300-400 level)	11

### Biomedical Sciences Minor

#### Biomedical Sciences Minor (17-18 hrs)

BIOL 224	General Biology I	4
BIOL 225	General Biology II	4
BIOL 313	Clinical Human Anatomy	3
BIOL 385	Advanced Human Physiology	3
<b>Choose one course (3-4 hrs) from the following:</b>		
BIOL 301	Genetics	4
BIOL 303	Microbiology	4

### 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.

BIOL 305	<i>Parasitology</i>	4
BIOL 330	<i>Histology</i>	4
BCHM 450	<i>Medical Biochemistry – OR</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, RCEP, FACSM

*Chair, Department of Health Professions  
Director, Human Performance Lab  
Professor of Health Professions*

### Eric Brubaker, B.S., M.S., Ed.D.

*Associate Chair, Department of Health Professions  
Director, Kinesiology Program  
Assistant Professor of Health Professions*

### Annette Florence, B.S., M.P.H., Dr.P.H.

*Director, Health Promotion Program  
Associate Professor of Health Professions*

### Richard Lane, B.S., M.P.H., T&M M.D.

*Director, Master of Public Health Program  
Professor of Health Professions*

### J. Vance Pickard, B.S., M.A.T., Ed.D., A.T.C.

*Director, Athletic Training Program  
Associate Professor of Health Professions*

### David Titcomb, B.S., M.S.P.T., D.P.T., HFS

*Director, Exercise Science Program  
Assistant Professor of Health Professions*

### Faculty

#### RESIDENTIAL – FULL-TIME

##### Professor

Farver; Florence, J.; Horton; Lane; Lennon; Linstra; Mahoney; Schoffstall, J.

##### Associate Professor

Florence A.; Gage; Henderson; House; Parson; Pickard

##### Assistant Professor

Brubaker; Eaken; Lowes; Martin, D.; Titcomb

##### Instructor

Kalian

##### Approved Clinical Preceptors

Beistline; Brown; Cops; Finke; Galley; Lamkin; Lindsey; Moore; Muhammad; Porter; Preusser; Schreiner; Tapken; Witt

#### PURPOSE

The Department of Health Professions faculty members are committed to preparing students in four majors: Athletic Training, Exercise Science, Health Promotion 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.

#### 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>.

#### 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.

- Determine the correct therapeutic treatment and rehabilitation protocol to promote return to activity.
- Communicate effectively to related medical and non-medical professionals within the athletic training setting.
- Apply research methods using evidence-based practices in the evaluation of athletic injuries and treatments.
- 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:

- Undergo annual Blood Borne Pathogen training;
- 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**

<b>Athletic Training Major (B.S.)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Courses in the Major (61 hrs)</b> (“C” or better required)		
ATTR 200	<i>Introduction to Athletic Training</i>	3
ATTR 210	<i>Principles of Athletic Training</i>	3
ATTR 221	<i>Clinical Education I</i>	2
ATTR 225	<i>Clinical Kinesiology for Health Professionals</i>	2
ATTR 226	<i>Clinical Kinesiology for Health Professionals Laboratory</i>	1
ATTR 300	<i>Lower Extremity Injury Evaluation</i>	3
ATTR 301	<i>Lower Extremity Injury Evaluation Laboratory</i>	1
ATTR 302	<i>Upper Extremity Injury Evaluation</i>	3
ATTR 303	<i>Upper Extremity Injury Evaluation Laboratory</i>	1

ATTR 305	<i>Emergency Care for Athletic Training</i>	3
ATTR 306	<i>Emergency Care for Athletic Training Laboratory</i>	1
ATTR 310	<i>Therapeutic Modalities in Athletic Training</i>	3
ATTR 311	<i>Therapeutic Modalities in Athletic Training Laboratory</i>	1
ATTR 320	<i>Clinical Education II</i>	2
ATTR 321	<i>Clinical Education III</i>	2
ATTR 325	<i>Evidence Based Research in Athletic Training</i>	2
ATTR 400	<i>Principles of Therapeutic Exercise and Rehabilitation</i>	3
ATTR 402	<i>Practical Application of Therapeutic Exercise</i>	3
ATTR 404	<i>Medical Aspects of Athletic Training</i>	3
ATTR 410	<i>Administrative Aspects of Athletic Training</i>	3
ATTR 420	<i>Clinical Education IV</i>	2
ATTR 421	<i>Clinical Education V</i>	2
ATTR 440	<i>Senior Seminar in Athletic Training</i>	2
EXSC 310	<i>Physiology of Exercise</i>	3
EXSC 311	<i>Analysis of Human Movement</i>	3
HLTH 333	<i>Exercise and Sport Nutrition</i>	
KINE 225	<i>Weight Training/Conditioning</i>	1
<b>Directed Courses* (Required) (2-17 hrs)</b>		
MATH 201	<i>Introduction to Probability and Statistics</i>	3
/BUSI 230		
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
PSYC 101	<i>General Psychology</i>	3
*These approved General Education courses may be counted in Core Competency Requirements ~“C” or better required in these courses		
<b>TOTAL HOURS:</b> 122 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 application provided by the program director.
- 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 (59-63 hrs)</b>		
<b>Major Courses (44 hrs)</b> ("C" or better required)		
EXSC 101	Introduction to Exercise Science	1
EXSC 302	Exercise and Sport Injuries	2
EXSC 310	Physiology of Exercise	3
EXSC 311	Analysis of Human Movement	3
EXSC 320	Measurement /Evaluation in Health and Kinesiology	3
EXSC 340	Essentials of Strength Training and Conditioning	3
EXSC 350	Biomechanics	3
EXSC 351	Biomechanics Lab	1
EXSC 410	Applied Exercise Physiology	3
EXSC 411	Applied Exercise Physiology Lab	1
EXSC 421	Practicum	1
EXSC 433	Exercise Prescription for Special Populations	3
EXSC 460	Exercise Testing, Evaluation, and Prescription	3
EXSC 461	Exercise Leadership	3
EXSC 485	Health Fitness Specialist Workshop and Certification	1
EXSC 499	Professional Internship in Exercise Science	4
HLTH 333	Exercise and Sports Nutrition	3
KINE 101	Physical Fitness	1
KINE ____	Pedagogical/Sport Activity (Choose from KINE 210-240)	1
KINE 225	Weight Training and Conditioning	1
<b>Directed Courses (Required) (2-11 hrs)*</b> ("C" required in all courses)		
BIOL 213	Anatomy and Physiology I *	3
BIOL 214	Anatomy and Physiology I Lab	1
BIOL 215	Anatomy and Physiology II*	3
BIOL 216	Anatomy and Physiology II Lab	1
HLTH 216	Personal Health*	3
<b>Free Electives (12-16 hrs)</b>		
*These approved General Education courses may be counted in Core Competency Requirements		
<b>TOTAL HOURS:</b> 121 hours minimum required; at least 40 hours must be 300-400 level.		

<b>Exercise Science Major (B.S.) Pre-Professional Concentration</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Major Courses (58 hrs)</b> ("C" or better required)		
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
EXSC 101	Introduction to Exercise Science	1
EXSC 310	Physiology of Exercise	3
EXSC 311	Analysis of Human Movement	3
EXSC 320	Measurement /Evaluation in Health and Kinesiology	3
EXSC 340	Essentials of Strength Training and Conditioning	3
EXSC 350	Biomechanics	3
EXSC 351	Biomechanics Lab	1
EXSC 410	Applied Exercise Physiology	3
EXSC 411	Applied Exercise Physiology Lab	1
EXSC 421	Practicum	1
EXSC 433	Exercise Prescription for Special Populations	3
EXSC 460	Exercise Testing, Evaluation, and Prescription	3

EXSC 461	Exercise Leadership	3
EXSC 485	Health Fitness Specialist Workshop and Certification	1
EXSC 499	Professional Internship in Exercise Science	4
HLTH 333	Exercise and Sports Nutrition	3
KINE 101	Physical Fitness	1
KINE ____	Pedagogical/Sport Activity (Choose from KINE 210-240)	1
KINE 225	Weight Training and Conditioning	1
PHYS 201	General Physics I	4
PHYS 202	General Physics II	4
<b>Directed Courses (Required) (5-17 hrs)</b> ("C" or better is required in all courses)		
MATH 121	College Algebra*	3
BIOL 213	Anatomy and Physiology I*	3
BIOL 214	Anatomy and Physiology I Lab	1
BIOL 215	Anatomy and Physiology II*	3
BIOL 216	Anatomy and Physiology II Lab	1
HLTH 216	Personal Health*	3
MATH 201/	Introduction to Probability and Statistics*	3
BUSI 230		
*These approved General Education courses may be counted in Core Competency Requirements		
<b>TOTAL HOURS:</b> 122 hours minimum required; at least 38 hours must be 300-400 level.		

**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**

The student will be able to demonstrate basic knowledge of personal and community health.

**Programs of Study**

<b>Health Promotion Major (B.S.) CHES Concentration</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Courses in the Major Core (16 hrs)</b> ("C" or better required)		
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
<b>CHES Concentration Courses (32-34 hrs)</b> ("C" or better required in all HLTH and BIOL courses)		
HLTH 221	<i>Applied Human Anatomy and Physiology I – OR</i>	3
BIOL 213	<i>Human Anatomy and Physiology I – AND</i>	
BIOL 214	<i>Human Anatomy and Physiology I Lab</i>	
HLTH 222	<i>Applied Human Anatomy and Physiology II – OR</i>	3
BIOL 215	<i>Human Anatomy and Physiology II – AND</i>	
BIOL 216	<i>Human Anatomy and Physiology II Lab</i>	
HLTH 252	<i>Drugs in Society</i>	3
HLTH 301	<i>Principles of Health Education</i>	2
EXSC 310	<i>Physiology of Exercise</i>	3
EXSC 320	<i>Measurement and Evaluation in Health and Kinesiology</i>	3
HLTH 420	<i>Principles of Behavior Change and Health Counseling</i>	3
HLTH 452	<i>Methods and Resources in Teaching Applied Sciences in School Practicum</i>	3
HLTH 453	<i>Program Planning and Evaluation in Health Education</i>	3
HLTH 488	<i>Infectious Disease</i>	3
HLTH 499 <sup>1</sup>	<i>Professional Internship in Health Promotion</i>	3
<b>Directed Courses (Required) (2-17 hrs)*</b> ("C" or better is required for all HLTH major and BIOL courses)		
BIOL 203	<i>Introductory Microbiology</i>	4
CHEM 107	<i>Essentials of General and Organic Chemistry</i>	4
HLTH 216	<i>Personal Health</i>	3
MATH 201	<i>Introduction to Probability and Statistics</i>	3
PSYC 101	<i>General Psychology</i>	3
<b>Free Electives (7-11 hrs)</b>		
<sup>1</sup> 2.35 GPA is required. All Majors must be CPR-certified prior to taking HLTH 499		
*These approved General Education courses may be counted in Core Competency Requirements		
<b>TOTAL HOURS:</b> 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 (59-63 hrs)

#### Courses in the Major Core (16 hrs) ("C" or better required)

NURS 105	<i>Medical Terminology</i>	1
HLTH 330	<i>Human Nutrition</i>	3
HLTH 350	<i>Introduction to Public and Community Health</i>	3
HLTH 444	<i>Principles of Epidemiology and Biostatistics</i>	3
HLTH ____	Electives [must be upper level] <sup>1</sup>	6
<b>Clinical Concentration Courses (30 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 121	<i>College Algebra</i>	3
MATH 126	<i>Elementary Calculus for Business and Science</i>	3
PHYS 201	<i>General Physics I</i>	4
PHYS 202	<i>General Physics II</i>	4

#### Directed Courses (Required) (2-18 hrs)\*

("C" or better required in all HLTH and BIOL courses)

BIOL 213	<i>Human Anatomy and Physiology I – AND</i>	4/3
BIOL 214	<i>Human Anatomy and Physiology I Lab – OR</i>	
BIOL 224	<i>General Biology I</i>	1
BIOL 215	<i>Human Anatomy and Physiology II –AND</i>	4/3
BIOL 216	<i>Human Anatomy and Physiology II Lab – OR</i>	1
BIOL 225	<i>General Biology II</i>	1
MATH 201	<i>Introduction to Probability and Statistics</i>	3
PSYC 101	<i>General Psychology</i>	3
HLTH 216	<i>Personal Health</i>	3
<b>Free Electives (9-13 hrs) [7 hrs must be upper level]</b>		
<sup>1</sup> Students who elect to take HLTH 499 must maintain 2.35 GPA and be CPR-certified prior to taking the course.		
*These approved General Education courses may be counted in Core Competency Requirements		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 30 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

**Programs of Study**

<b>Kinesiology Major (B.S.) Health and Physical Education Concentration (Non- Licensure)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Courses in the Major Core (21 hrs)</b> ("C" or better required)		
EXSC 310	Physiology of Exercise	3
EXSC 311	Analysis of Human Movement	3
EXSC 320	Measurement and Evaluation in Health and Kinesiology	3
HLTH 330	Human Nutrition	3
KINE 101	Physical Fitness	1
KINE 208	Motor Learning	2
KINE 209	Motor Learning Lab	1
KINE ____	Pedagogical/Sport Activity (Choose from KINE 210-240)	1
KINE 225	Weight Training and Conditioning	1
KINE 333	Adapted Physical Activity	2
KINE 334	Adapted Physical Activity Lab	1
<b>Health and Physical Education Concentration Courses (29 hrs)</b> (2.00 or higher cumulative GPA is required)		
HLTH 252	Drugs in Society	3
HLTH 402	School Health Program	3
HLTH 440	Methods and Resources in Teaching Applied Sciences in School	2
KINE 207	History, Foundations of Physical Education	2
KINE 210	Softball/Volleyball	1
KINE 211	Basketball/Soccer	1
KINE 212	Innovative Games	1
KINE 213	Racquet Sports	1
KINE 214	Tumbling and Rhythmic Activities	1
KINE 215	Track and Field/Flag Football	1
KINE 245	PE Observations in Schools	1
KINE 404	Administration and Organization of Physical Education, Exercise, and Fitness	3
KINE 450	Elementary Physical Education Methods	3
KINE 451	Secondary Physical Education Methods	3
SMGT 300	Introduction to Coaching	3
<b>Directed Courses (Required) (2-11 hrs)*</b> ("C" or better required in all BIOL courses)		
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
<b>Free Electives (5-9 hrs)</b> [5 hrs must be upper level]		
<b>Additional Requirements for Major:</b> First Aid/CPR Certification Swimming Proficiency *These approved General Education courses may be counted in 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.) Teacher Licensure Requirements – Health and Physical Education (PreK – 12 Licensure)<sup>1</sup></b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Core Courses in the Major (21 hrs)</b> [See above]		
<b>Health and Physical Education Concentration Courses (29 hrs)</b> [See above]		
<b>Directed Courses (Required) (2-14 hrs)*</b> ("C" or better required in all BIOL courses)		
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
PSYC 210	Developmental Psychology*	3
HLTH 216	Personal Health*	3
<b>Teacher Licensure Requirements (22 hrs)</b>		
EDUC 125	Introduction to Education	1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning (Secondary)	2
EDUC 240	Technology Practicum	2
EDUC 360	Foundations of Education	2
HLTH 441	Methods and Resources in Teaching Applied Sciences in School Practicum	1
KINE 322	PE Student Aide: Elementary	1
KINE 326	PE Student Aide: Secondary	1
<b>Professional Semester</b>		
KINE 435	Seminar for Student Teachers	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
<b>Additional Requirements for Major</b> First Aid/CPR Certification Swimming Proficiency <sup>1</sup> 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> 133 hours minimum; 49 hours must be 300-400 level.		

**Health Promotion Minor**

<b>Health Promotion Minor (17 hrs)</b>		
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 & Community Health	3
HLTH 420	Principles of Behavior Change and Health Counseling	3
HLTH 453	Program Planning and Evaluation in Health Education	3

**Kinesiology Minor**

<b>Kinesiology Minor (15 hrs)</b>		
KINE 101	Physical Fitness	1
KINE 208/	Motor Learning/Lab	2
KINE 209		/1
KINE 210-215	Pedagogical/Sport Activity Courses	2
KINE 225	Weight Training and Conditioning	1
EXSC 302	Exercise and Sports Injuries	2
SMGT 300	Introduction to Coaching	3
KINE	Elective (300-400 level)	3

## Department of Nursing

### Deanna C. Britt, R.N., B.S.N., M.S.N., Ph.D.

*Chair, Department of Nursing  
Professor of Nursing*

### Shanna Akers, R.N., A.D.N., B.S.N., M.S.N./M.B.A.

*Director, RN to BSN Program  
Assistant Professor of Nursing*

### Tonia Kennedy, B.S., M.S.N., Ed.D.

*Director, Generic BSN Program  
Associate Professor of Nursing*

### Sharon Kopis, R.N., A.S., B.S.N., M.S.N., Ed.D.

*Director, Doctoral Programs in Nursing  
Associate Professor of Nursing*

### Kimberly Little, B.S.N., M.S.N., Ph.D.

*Director, MSN Program  
Associate Professor of Nursing*

### Kathryn Miller, R.N., B.S.N., M.S.N.

*Director, Simulation and Clinical Readiness  
Assistant Professor of Nursing*

## Faculty

### RESIDENTIAL – FULL-TIME

*Professor*

Britt; Goodrich; Sanders

*Associate Professor*

Kennedy; Kopis; Little; Robinette

*Assistant Professor*

Akers, S.; Bridge; Clarke; Drohn; Gregory; Harker; Harvey;  
Highton; Hutchinson; Kail; Miller, K.; Mills; Page;  
Raspberry, T.; Turner; Woody

### DISTANCE EDUCATION – FULL-TIME

*Professor*

Miller, L.

*Assistant*

Brickhill; Jessee

*Instructor*

Baldwin; McCombie; Rawlins; Washburn

## PURPOSE

The purpose of the Liberty University Department 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 Department of Nursing is fully accredited by the Commission on Collegiate Nursing Education (CCNE), and is approved by the Virginia State Board of Nursing.

### APPLICATION TO THE DEPARTMENT 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.

**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 (54 hrs)****Courses in the Major (62 hrs)**

NURS 101 <sup>1</sup>	Introduction to Nursing – OR	1
NURS 105	Medical Terminology	1
NURS 115	Sciences of Nursing	3
NURS 200	Nursing Process Application	2
NURS 210	Health Assessment	3
NURS 221	Fundamentals of 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
<b>Choose one elective course (3 hrs) from the following:</b>		
NURS 316 <sup>1</sup>	Global Health Nursing Field Experience	3
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	Pain Management	
NURS 465	Advanced Strategies for the Critically Ill	
NURS 466	Advanced Critical Care II	
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
<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
<b>Additional requirements for major:</b>		
ATI Predictor Test		
<sup>1</sup> NURS 316 is an online course		
*“C” or better is required		
<b>TOTAL HOURS:</b> 134 hours minimum required; 51 hours must be 300-400 level		

**Department of Psychology****Daniel Logan, B.S., M.A., Ed.D.**

Chair, Department of Psychology  
Associate Professor of Psychology

**Marlene Carrilho, B.S., M.A.**

Chair, Department of Psychology  
Instructor of Psychology

**Kevin Conner, B.S., M.A., M.Div.**

Chair, Department of Psychology  
Instructor of Psychology

**Ester Warren, B.S., M.Ed., Ed.S.**

Chair, Department of Psychology  
Instructor of Psychology

**Faculty****RESIDENTIAL – FULL-TIME****Professor**

Anderson, L.; Gadomski; Jennings

**Associate Professor**

Barclay; Boothe; Brown, J.; Freyre; Logan; Scott; Sites

**Assistant Professor**

Cole; Donovan; Friberg; Magnuson; Vess; Warren, S.; Wilmouth

**Instructor**

Carrilho; Conner, K.; Warren, E.

**DISTANCE LEARNING – FULL-TIME****Assistant Professor**

Crawford; Geyer; Straub

**Instructor**

Baker; Bernard, J.; Bouman; Brown, J.K.; Bruce; Chamberlin; Clark, M.; Cobb; Cooper; Corsini, G.; Cox, T.; Curran; Deneen; Early, C.; Gibson; Hain; Harris, R.; Haynes; Johnson, H.; Kennedy, J.; Leadem, K.; Leadem, M.; Matz; Miraldi; Moroz; Neace; Nelson, R.; Peniche; Pinder; Pratt; Rife; Rogers, T.; Rosewell; Samms; Shimel; Sosin, D.; Starnes; Sullivan, D.; Thornhill, C.; Tyson; Varland; Weller; Wiedman; Williams, T.; Wilson, R.; Winn

**PURPOSE**

The Psychology Department provides a baccalaureate degree for both the resident and online programs. These programs seek both to transmit and expand knowledge, as well as to provide opportunities for research and service. The Department consists of a

community of persons who are voluntarily linked in the pursuit of knowledge, providing a reasoned presentation of the academic disciplines in relation to the Christian faith. The Department's purpose is to communicate Christian values, academic content and requisite skills—all of which prepare persons for a life-long process of learning and serving.

The purpose is carried out for resident students, all of whom have indicated their agreement with Liberty's purpose, through a rigorous academic program and a structured socio-religious environment. It is carried out for online students, who may or may not espouse Liberty's purpose, in a comparable academic program but without the socio-religious structure of the resident community.

### PSI CHI HONOR SOCIETY

*Advisors: Dr. Marilyn Gadowski 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 & 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.

### DANIEL'S PROGRAM

The Daniel's 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.

### 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.

#### 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.

#### Human Services Concentration

The student will be able to evaluate crisis intervention techniques and issues.

### 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.

#### Human Services Concentration

The Human Services concentration provides students with a foundation of practical skills to prepare them to enter the career force directly after graduation or to pursue a Master's degree in Social Work or Human Services. This concentration equips students with an understanding of various professional skills and research methods as well as training for counseling diverse populations.

**Programs of Study****Psychology Major (B.S.)****General Education: Core Competency Requirements (59-63 hrs)****Psychology Major Core (24 hrs)**

PSYC 255	Introduction to Research	3
PSYC 312	Social Psychology	3
PSYC 341	Psychology of Personality	3
PSYC 354	Statistics for the Social Sciences	3
PSYC 355	Statistics in Psychology	3
PSYC 430	Abnormal Psychology	3
PSYC 498	Senior Project – OR	3
PSYC 499	Internship	3
PSYC ____	Elective	3

**Concentration (24 hrs)****Counseling, Clinical, or Research Concentration****Concentration Courses (24 hrs)**

PSYC 351	Multicultural Counseling and Research Issues	3
PSYC 365	Psychological Foundations of Learning	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 380	Physiological Psychology	3
PSYC 401	History and Systems of Psychology	3
PSYC 421	Psychological Measurement	3
PSYC 440	Experimental Design in Research: Application and Construction	3
PSYC ____	Elective	3

**Directed Courses (Required) (1-10 hrs)\***

BIOL 102	Principles of Human Biology*	3
BIOL 104	Principles of Human Biology Lab	1
PSYC 101	General Psychology*	3
PSYC 210	Developmental Psychology*	3

**Free Electives (8-12 hrs)**

\* These approved General Education courses may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum required; 39 hours must be 300-400 level.

**Counseling and Human Development Concentration****Concentration Courses (24 hrs)**

PSYC 320	Behavior Management	
PSYC 365	Psychological Foundations of Learning	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 421	Psychological Measurement	3
PSYC ____	Elective	3

**Choose three courses (9 hrs) from the following:**

PSYC 221	Psychology of Childhood	
PSYC 231	Psychology of Adolescence	
PSYC 235	Psychology of Adulthood	
PSYC 336	Gerontology	

**Directed Courses (Required) (0-9 hrs)\***

BIOL 102	Principles of Human Biology	3
PSYC 101	General Psychology	3
PSYC 210	Developmental Psychology	3

**Free Electives (9-13 hrs) [6 hours must be upper level]**

\* These approved General Education courses may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum required; 36 hours must be 300-400 level.

**Human Services Concentration****Concentration Courses (24 hrs)****Choose one course (3 hrs) from the following:**

PSYC 221	Psychology of Childhood – OR	3
PSYC 231	Psychology of Adolescence – OR	
PSYC 235	Psychology of Adulthood	
PSYC 317	Crisis Intervention	3
PSYC 361	Marriage and Family	3
PSYC 371	Theories in Counseling and Psychotherapy	3
PSYC 405	Group Dynamics	3
PSYC 421	Psychological Measurement	3

**Choose one course (3 hrs) from the following:**

PSYC 351	Multicultural Counseling and Research Issues – OR	3
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**SOCI 340 Human Societies: A Global View****Choose one course (3 hrs) from the following:**

PSYC 305	Overview of Theory and Treatment of Substance Abuse – OR	3
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**PSYC 320 Behavior Management****Directed Courses (Required) (0-9 hrs)\***

BIOL 102	Principles of Human Biology	3
PSYC 101	General Psychology	3
PSYC 210	Developmental Psychology	3

**Free Electives (9-13 hrs)**

\* These approved General Education courses may be counted in the Core Competency Requirements

**TOTAL HOURS:** 120 hours minimum required; 39 hours must be 300-400 level.

**Psychology Minor****Psychology Minor (15 hrs)**

PSYC 101	General Psychology	3
PSYC 210	Developmental Psychology	3
PSYC	Electives (6 hours 300-400 level)	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	Introduction to Sociology	3
SOCI 201	Social Problems	3

**Choose three courses (9 hrs) (no more than two with PSYC prefix) from the following:**

SOCI 313	Social Organizations	
SOCI 340	Human Societies: A Global View	
SOCI 349	Sociology of Disability	
SOCI 497	Special Topics	
SOWK 200	Introduction to Social Work and Human Services	

PSYC 305	Substance Abuse	
PSYC 312	Social Psychology	
PSYC 317	Crisis Intervention	
PSYC 336	Gerontology	
PSYC 361	Marriage and Family	
PSYC 497	Special Topics	
PSYC 499	Internship	



## 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)

NURS 105	Medical Terminology	1
HLTH 105	Introduction to the Health Professions	3
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

**TOTAL HOURS:** 61 minimum; 15 hours must be completed through Liberty University (Online and/or Residential)

### Department of Nursing

#### PURPOSE

The purpose of the Liberty University Department 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 Department of Nursing is fully accredited by the Commission on Collegiate Nursing Education (CCNE), and is approved by the Virginia State Board of Nursing.

### 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 Requirements (43 hrs)<sup>1,2,3,4,5</sup>

###### Courses in the Major (61 hrs)

NURS 105 <sup>6</sup>	Medical Terminology	1
NURS 210 <sup>7</sup>	Health Assessment*	3
NURS 215 <sup>7</sup>	Pathophysiology	3
NURS 220 <sup>8</sup>	Advanced Nursing Communication	3
NURS 221 <sup>6</sup>	Fundamentals in Nursing	4
NURS 225	Research in Nursing	3
NURS 301 <sup>6</sup>	Strategies for Adult Health Care I	5
NURS 302 <sup>6</sup>	Strategies for Adult Health Care II	5
NURS 305 <sup>6</sup>	Pharmacology	2
NURS 306 <sup>6</sup>	Pharmacology II	2
NURS 325	Nursing Concepts	1
NURS 352 <sup>6</sup>	Caring for the Childbearing Family I	4
NURS 353 <sup>6</sup>	Caring for the Childbearing Family II	4
NURS 440 <sup>6</sup>	Strategies for Community Health Care	5
NURS 445	Population Health	3
NURS 460 <sup>6</sup>	Advanced Strategies for Adult Health Care	4
NURS 490 <sup>9</sup>	Leadership/Management in Nursing	3
NURS 491 <sup>9</sup>	Nursing Management	3
NURS 492 <sup>10</sup>	Advanced Concepts in Nursing Practice	3
<b>Support Courses (12 hrs)</b>		
BIOL 204 <sup>3,11</sup>	Microbiology for Nursing Professionals	4
BIOL 215 <sup>3,11</sup>	Human Anatomy and Physiology II	3
BIOL 216 <sup>3,11</sup>	Human Anatomy and Physiology II Lab	1
CHEM <sup>3,11,12</sup>	Chemistry Requirement	4
<b>Electives (4 hrs)</b>		
NURS 316 <sup>13</sup>	Global Health Nursing Field Experience	3

**NOTES:** Grades of "C" or higher for all courses in major; 2.50 GPA required

<sup>1-5</sup>See DCP for General Education Notes

<sup>6</sup>These courses will be satisfied automatically for RNs

<sup>7</sup>Completion of all Science classes is strongly recommended prior to taking NURS 210 & 215

<sup>8</sup> NURS 220 is the foundation course and must be taken as the first Nursing course
<sup>9</sup> It is highly recommended that NURS 440, 490, and 491 be taken after NURS 225
<sup>10</sup> All Nursing courses must be completed before taking the capstone course, NURS 492
<sup>11</sup> Prerequisite
<sup>12</sup> Chemistry may include CHEM 105, 107, 108, 121 or 122
<sup>13</sup> NURS 316 is an optional elective. Students are not required to take this course.
<b>TOTAL HOURS:</b> 120 minimum; 30 hours of upper-level courses; 50% (32 hrs) of major taken through Liberty University (Online and/or Residential)

## Department of Psychology

### PURPOSE

The Department of Psychology provides both baccalaureate and associate degrees. These programs seek both to transmit and expand knowledge, as well as to provide opportunities for research and service. The Department consists of a community of persons who are voluntarily linked in the pursuit of knowledge, providing a reasoned presentation of the academic disciplines in relation to the Christian faith. The Department’s purpose is to communicate Christian values, academic content and requisite skills—all of which prepare persons for a life-long process of learning and serving.

The purpose is carried out for resident students, all of whom have indicated their agreement with Liberty’s purpose, through a rigorous academic program and a structured socio-religious environment. It is carried out for online students, who may or may not espouse Liberty’s purpose, in a comparable academic program but without the socio-religious structure of the resident community.

### 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.)		
<b>General Education Requirements (42 hrs)</b>		
<b>Courses in the Major (39 hrs)</b>		
PSYC 210	<i>Developmental Psychology</i>	3
PSYC 221	<i>Psychology of Childhood</i>	3
PSYC 231	<i>Psychology of Adolescence</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 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 421	<i>Psychological Measurement</i>	3
PSYC 430	<i>Abnormal Psychology</i>	3

PSYC 499	<i>Internship</i>	3
<b>Elective Courses (39 hrs)</b> [3 hrs or more may be needed to fulfill upper level requirement]		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours of upper-level courses		

ADDICTIONS AND RECOVERY COGNATE		
<b>General Education Requirements (42 hrs)</b>		
<b>Core Courses (24 hrs)</b>		
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
<b>Additions and Recovery Cognate (15 hrs)</b>		
PSYC 305	<i>Overview of Treatment for Substance Abuse</i>	3
PSYC 306	<i>Advanced Treatment of Substance Abuse</i>	3
PSYC 307	<i>Treatment and Recovery</i>	3
PSYC 308	<i>Diagnosis and Treatment of Sexual Addiction</i>	3
PSYC 309	<i>Healthy Sexuality</i>	3
<b>Elective Courses (39 hrs)</b>		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours of upper-level courses		

CHRISTIAN COUNSELING COGNATE		
<b>General Education Requirements (42 hrs)</b>		
<b>Core Courses (24 hrs)</b>		
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
<b>Christian Counseling Cognate (15 hrs):</b>		
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>		
CCOU 301	<i>Christian Counseling for Marriage and Family</i>	9
CCOU 302	<i>Christian Counseling for Children</i>	
CCOU 304	<i>Christian Counseling for Women</i>	
CCOU 305	<i>Issues in Human Sexuality</i>	
<b>Elective Courses (39 hrs)</b> [3 hrs or more may be needed to fulfill upper level requirement]		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours of upper-level courses		

CRISIS COUNSELING COGNATE		
<b>General Education Requirements (42 hrs)</b>		
<b>Core Courses (24 hrs)</b>		
PSYC 210	<i>Developmental Psychology</i>	3
PSYC 255	<i>Intro 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
<b>Crisis Counseling Cognate (15 hrs)</b>		

CRIS 302	<i>Foundational Principles of Crisis Response</i>	3
CRIS 303	<i>Acute Stress, Grief and Trauma</i>	3
CRIS 304	<i>PTSD and Combat-Related Trauma</i>	3
CRIS 305	<i>Trauma Assessment and Intervention</i>	3
CRIS 306	<i>Complex Trauma and Disasters</i>	3
<b>Elective Courses (39 hrs)</b>		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours of upper-level courses		

### **LIFE COACHING COGNATE**

<b>General Education Requirements (42 hrs)</b>		
<b>Core Courses (24 hrs)</b>		
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
<b>Life Coaching Cognate (15 hrs)</b>		
LIFC 201	<i>Introduction to Life Coaching</i>	3
LIFC 202	<i>Advanced Skills in Life Coaching</i>	3
<b>Choose three courses (9 hrs) from the following:</b> 9		
LIFC 301	<i>Health and Wellness Coaching</i>	
LIFC 302	<i>Marriage Coaching</i>	
LIFC 303	<i>Financial Coaching</i>	
LIFC 304	<i>Leadership Coaching</i>	
<b>Elective Courses (39 hrs)</b> [3 hrs or more may be needed to fulfill upper level requirement]		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours of upper-level courses		

### **MILITARY RESILIENCE COGNATE**

<b>General Education Requirements (42 hrs)</b>		
<b>Core Courses (24 hrs)</b>		
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
<b>Military Resilience Cognate (15 hrs)</b>		
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 and Behavioral Health</i>	3
CRIS 302	<i>Foundational Principles of Crisis Response</i>	3
<b>Elective Courses (39 hrs)</b>		
<b>TOTAL HOURS:</b> 120 minimum; 30 hours of upper-level courses		

## **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 Requirements (39 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 ____	<i>Electives</i>	9

**TOTAL HOURS:** 60 minimum

### **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 course (3 hrs) from the following:</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 ____	<i>Any PSYC Course</i>	3
PSYC ____	<i>Upper Level Electives</i>	6

## **Liberty University en Español**

The School of Health Sciences also offers the Associate of Arts in Psychology 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/dcps>.

## *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***

<b>Health Sciences Certificate (18 hrs)</b>		
HLTH 105	<i>Introduction to Health Professions</i>	3
HLTH 216	<i>Personal Health</i>	3
HLTH 252	<i>Drugs in Society</i>	3
HLTH 330	<i>Human Nutrition</i>	3
HLTH 350	<i>Introduction to Public and Community Health</i>	3
HLTH 420	<i>Principles of Behavior Change and Health Counseling</i>	3

### ***Certificate in Healthcare Management***

<b>Healthcare Management Certificate (18 hrs)</b>		
BUSI 310	<i>Principles of Management</i>	3
BUSI 340	<i>Organizational Behavior</i>	3
HLTH 252	<i>Drugs in Society</i>	3
HLTH 349	<i>Public and Community Health for Business</i>	3
HLTH 419	<i>Wellness and Behavior Change Theories for Business</i>	3
HLTH 491	<i>Grantsmanship</i>	3

### ***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 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

#### **CERTIFICATE COMPLETION PLANS**

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

## School of Law – Online Programs

### Administration

**Mathew D. Staver, B.A., M.A., J.D.**

*Vice President, Liberty University*

*Dean, School of Law*

*Director, Liberty Center for Law and Policy*

*Professor of Law*

**Joseph M. Wiegand, B.A., M.A., J.D., LL.M.**

*Associate Dean for Internal Affairs and Online Programs, School of Law*

*Director, Paralegal Studies Program*

*Adjunct Assistant Professor of Law*

### Faculty

#### DISTANCE EDUCATION – FULL-TIME

*Assistant Professor*

Barber; Caruso; Chrisman; Kilgore; Matos-Serrano;

Patrick, S.; Todd; Wiegand

#### DISTANCE EDUCATION – PART-TIME

*Adjunct Instructor*

Campbell, M.; Curtis, B.; Dosio; Kontaxes

### 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 Requirements (45 hrs)

##### Courses in the Major (45 hrs) Core Courses (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

##### Choose five courses (15 hrs) from the following: 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 Requirements (39 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>	
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.		
<b>TOTAL HOURS:</b> 60 minimum		

### ***Liberty University en Español***

The School of Law also offers the Associate of Arts in Paralegal Studies online through Liberty University en Español. Visit the website at <http://www.liberty.edu/online/lue-inicio/> for additional information.

## ***Undergraduate Certificates***

The School of Law also offers an undergraduate certificate in Paralegal Studies 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>	

### **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*

**L. Lavon Gray, B.S., M.C.M., Ph.D.**

*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*

**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

### RESIDENTIAL – FULL-TIME

*Professor*

Ehrman; Hugo; Kerr; Kompelien; Wellman; Whaley

*Associate Professor*

Beavers, S.; Brennan, M.; Campbell; Chiarizzio; Foley, R.; Granger; Gray; Kim; Kinchen; Marsh; Rumrill; Schmal; Super; Suttles; Suzano

*Assistant Professor*

Damon; Greenawalt; Hahn; Jupin; Lewis, R.; Muller; Parker, W.; Randlett, P.; Spencer; Trombetta; Voelker

### 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 and Applied Music Studies* 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. Key to the mission of this department is the supervision of the performance and applied music studies in the Bachelor of Music, Bachelor of Arts and Bachelor of Science degrees.

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; 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.) Instrumental

#### General Education: Core Competency Requirements (53-57 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 (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
<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
<p>** 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</p> <p>* These courses are approved General Education courses and may be counted in the Core Competency requirements</p>		
<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; 41 hours must be 300-400 level.		

<b>Directed Courses (required) (3-12 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 (10 hrs) [must be upper level]</b>		
<p>** 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</p> <p>* These courses are approved General Education courses and may be counted in the Core Competency requirements</p>		
<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.		

**Music Major (B.S.) Instrumental**

<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Music Instrumental (51-53 hrs) Major Area (21 hrs)</b>		
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
<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 (30-32 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 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

**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**

<b>Music Major (B.A.) Vocal</b>		
<b>General Education: Core Competency Requirements (53-57 hrs)</b>		
<b>Liberal Arts Focus (18 hrs)</b>		
<b>Music Vocal (54-56 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 <sup>++</sup></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 182		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
MUSC 480, 481, or 482		1
<b>Musicianship (30-32 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 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>	
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> 128 hours minimum required; 41 hours must be 300-400 level.		

<b>Music Major (B.S.) Vocal</b>		
<b>General Education: Core Competency Requirements (59-63 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 <sup>++</sup></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 182		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>	
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 (10 hrs)* [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 (59-63 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
<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 2.0 for all MUSC courses		
<b>TOTAL HOURS:</b> 132 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 (59-63 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

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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> 129 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 (59-63 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 322	2
<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> 133 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 (59-63 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>	2
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
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> 131 hours minimum required; 47 hours must be 300-400 level.		

MUSC 252	<i>(SO)</i>	3
MUSC 351	<i>(JR)</i>	3
MUSC 352	<i>(JR)</i>	3
MUSC 451	<i>(SR)</i>	3
MUSC 452	<i>(SR)</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
+ 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> 133 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 (59-63 hrs)</b>		
<b>Woodwind, Bras, 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 <sup>+</sup> (Techniques)	2
MUSC 301,	305, or 308 <sup>+</sup> (Pedagogy)	3
MUSC 382,	383, or 384 <sup>+</sup> (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 332	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	<i>(FR)</i>	3
MUSC 251	<i>(SO)</i>	3

**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. Five Multi-discipline degrees are offered to the music student: B.M. in Artist Development; 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 these degrees 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

<b>Artist Development Major (B.M.)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Artist Development (73 hrs) Major Area (19 hrs)</b>		
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
<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, 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	
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; 51 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 (59-63 hrs)</b>		
<b>Leadership Communication (73 hrs) Major Area (18 hrs)</b>		
MUSC 302	<i>Dynamics of Leading Instrumental Music</i>	3
MUSC 303	<i>Dynamics of Leading Vocal Team and Ensemble</i>	3
COMS 325	<i>Interpersonal Communication</i>	3
COMS 330	<i>Small Group Communication</i>	3
COMS 345	<i>Persuasion</i>	3
COMS ____	(Leadership Elective)	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
+ Approved instrument		
++ Select between MUSC 179, 183, 184, 185, 187, or 194		
* 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; 45 hours must be 300-400 level.		

### 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

#### Music in World Cultures Major (B.M.)

##### General Education: Core Competency Requirements (60-64 hrs)

##### Music in World Cultures (73 hrs) Major Area (19 hrs)

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	Senior Artist or Worship Program	1
MUSC 498	Senior Recital	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	Music, Art, Worship and Culture	3
MUSC 313	History of Music and Worship	3
MUSC 314	Music in World Cultures	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> 133 hours minimum required; 40 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

<b>Songwriting Major (B.M.)</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Songwriting (73 hrs) Major Area (19 hrs)</b>		
MUSC 310	Principles of Arranging	3
MUSC 330	Music Technology I: Notation	3
MUSC 334	Music Technology II: Sequencing	3
MUSC 372	Christian Music Industry	3
MUSC 376	Principles of Songwriting I	2
MUSC 377	Principles of Songwriting II	1
MUSC 396	Junior Artist or Worship Program	1
MUSC 436	Christian Music Industry Seminar	1
MUSC 436	Christian Music Industry Seminar	1

MUSC 496	Senior Artist or Worship Program	1
<b>Music Core (30 hrs)</b>		
MUSC 105	Harmonic Practices and Theory I	3
MUSC 106	Harmonic Practices and Theory II	3
MUSC 107	Musicianship I	1
MUSC 108	Musicianship II	1
MUSC 201	Creative Worship	3
MUSC 202	Old/New Testament Music and Worship	3
MUSC 203	Commercial Music Theory and Harmonic Practices I	2
MUSC 204	Commercial Music Theory and Harmonic Practices II	2
MUSC 207	Musicianship III	1
MUSC 208	Musicianship IV	1
MUSC 315	Basic Conducting	2
MUSC 323	Leadership, Philosophy, Music and Organization	3
MUSC 360	Contemporary Improvisation Techniques	2
MUSC 423	Congregational Contextualization and Leadership	3
<b>Practical Internships (5 hrs)</b>		
MUSC 394	Practicum I	1
MUSC 395	Practicum II	1
MUSC 499	Internship	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 370	Private Songwriting	1
MUSC 370	Private Songwriting	1
MUSC 370	Private Songwriting	1
MUSC 370	Private Songwriting	1
MUSC 370	Private Songwriting	1
MUSC 498	Senior Recital	1
<b>Secondary</b>		
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
MUSC ___		1
<b>Directed Courses (required) (0-9 hrs)*</b>		
MUSC 200	Music, Art, Worship and Culture	3
MUSC 313	History of Music and Worship	3
MUSC 314	Music in World Cultures	3
MUSC 371	Survey of Songwriting	3
+ Select between MUSC 179, 183, 184, 185, 187, or 194		
* 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 2.0 for all MUSC courses		
<b>TOTAL HOURS:</b> 132 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 (59-63 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	or 317 <i>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.		
* 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 2.0 for all MUSC courses		
<b>TOTAL HOURS:</b> 133 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 (59-63 hrs)</b>	
<b>Choral Music (49-51 hrs)</b>	
<b>Supportive Courses in Music (16-18 hrs)</b>	
MUSC 105	Harmonic Practices and Theory I 3
MUSC 106	Harmonic Practices and Theory II 3
MUSC 107	Musicianship I 1
MUSC 108	Musicianship II 1
MUSC 203	or 205 2-3
MUSC 204	or 206 2-3
MUSC 207	Musicianship III 1
MUSC 208	Musicianship IV 1
MUSC 315	Basic Conducting 2
MUSC 316	Choral Conducting 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	Senior Recital 1
<b>Ensemble (7 hrs)</b>	
MUSC 180, 181, or 182	1
MUSC 180, 181, or 182	1
MUSC 180, 181, 182, or 179 <sup>+</sup>	1
MUSC 180, 181, 182, or 179 <sup>+</sup>	1
MUSC 480, 481, 482, or 479 <sup>+</sup>	1
MUSC 480, 481, 482, or 479 <sup>+</sup>	1
MUSC 480, 481, 482, or 479 <sup>+</sup>	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	Group Piano III 1
MUSC 244	Group Piano IV 1
MUSC 310	Arranging 3
MUSC 316	Choral Conducting 2
MUSC 330	Music Technology I: Notation 3
MUSC 360	Contemporary Improvisation Techniques 2
MUSC 364	Contemporary Styles Survey I 1
MUSC 304, 393, or 477	2-3

<b>Directed Courses (required) (0-12 hrs)*</b>		
MUSC 311	Music History (Antiquity – 1750)	3
MUSC 312	Music History (Since 1750)	3
MUSC 314	Music in World Cultures	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 (Secondary)	2
EDUC 235/236	Instructional Design: Secondary / Practicum	1/2
EDUC 240	Technology Practicum	2
EDUC 360	Foundations of Education	2
MUSC 210	Introduction to Music Education	1
MUSC 380	Instrumental Overview	2
MUSC 437/438	Elementary Music Methods and Materials / Practicum	2/1
MUSC 490/491	Secondary Music Methods and Materials / 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

<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:** 139 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 (59-63 hrs)</b>	
<b>Instrumental Music (51-54 hrs)</b>	
<b>Supportive Courses in Music (16-18 hrs)</b>	
MUSC 105	Harmonic Practices and Theory I 3
MUSC 106	Harmonic Practices and Theory II 3
MUSC 107	Musicianship I 1
MUSC 108	Musicianship II 1
MUSC 203	or 205 2-3
MUSC 204	or 206 2-3
MUSC 207	Musicianship III 1
MUSC 208	Musicianship IV 1
MUSC 315	Basic Conducting 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	Senior Recital 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 <sup>+</sup>	1
MUSC 184, 185, 187, 194, or 179 <sup>+</sup>	1

MUSC 484, 485, 487, 494, or 479 <sup>+</sup>	1
MUSC 183, 193, 483, 484, 485, 487, 493, 494, or 479 <sup>+</sup>	1
MUSC 183, 193, 483, 484, 485, 487, 493, 494, or 479 <sup>+</sup>	1
<b>Concentration (21-22 hrs)</b>	
MUSC 310 <i>Arranging</i>	3
MUSC 317 <i>Instrumental Conducting</i>	3
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 (Secondary)</i>	2
EDUC 235/ 236 <i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 240 <i>Technology Practicum</i>	2
EDUC 360 <i>Foundations of Education</i>	2
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
<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
<sup>+</sup> 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> 141 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.

HUMN 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.

#### Music Minor

##### Brass, Woodwind, or Percussion\*\* (18 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 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 (2 hrs)</i>	2
MUSC 363 <i>Percussion Techniques (2 hrs)</i>	2

\*\* Program has the additional requirement of attendance at 24 approved concerts and recitals. HUMN 101 or MUSC 103 must be completed for Core Competency requirement.

#### Music Minor

##### Liberal Arts\*\* (17 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 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. HUMN 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	
Ensemble	Two semesters of ensemble participation in the two performance areas	2

##### Specific area courses:

Keyboard:	MUSC 304 <i>Keyboard Pedagogy</i>	3
Strings:	MUSC 375 <i>String Pedagogy</i>	3
Voice:	MUSC 393 <i>Vocal Diction</i>	3
Guitar:	MUSC 477 <i>Guitar Pedagogy</i>	3

\*\* Program has the additional requirement of attendance at 24 approved concerts and recitals. HUMN 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.

### 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.

### Programs of Study

#### Music and Worship Major (B.S.)

**General Education: Core Competency Requirements (59-63 hrs)**

**Courses in the Major (68-73 hrs)**

**Harmonic Practices and Musicianship (16 hrs)**

MUSC 105	Harmonic Practices and Theory I	3
MUSC 106	Harmonic Practices and Theory II	2
MUSC 107	Musicianship I	1
MUSC 108	Musicianship II	1
MUSC 203	Commercial Music Theory and Harmonic Practices I	2
MUSC 204	Commercial Music Theory and Harmonic Practices II	2
MUSC 207	Musicianship III	1
MUSC 208	Musicianship IV	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>
Cinematic Arts**		
Pastoral Leadership		
Worship Technology		
Youth Ministry		
<b>Cognates:</b>		<b>15</b>
Biblical Studies		
Business		
Theatre Ministries		
Women's Ministries		
<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		
+Voice: MUSC 121, 221, 221, 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>		
<i>The following courses may be added to the B.S. in Music and Worship for a Concentration in Cinematic Arts:</i>		
BUSI 301	<i>Business Law</i>	3
CINE 305	<i>Editing</i>	3
CINE 497	<i>Introduction to Pro Tools 101</i>	3
COMS 333	<i>Video Production</i>	3
HUMN 301	<i>Film as Art</i>	3
THEA 320	<i>Directing</i>	3
<b>TOTAL HOURS:</b> 132 hours minimum required; at least 46 hours must be 300-400 level.		

<b>Pastoral Leadership Concentration (18 hrs)</b>		
<i>The following courses may be added to the B.S. in Music and Worship for a Concentration in Pastoral Leadership:</i>		
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>	3
PLED 350	<i>Pastoral Duties</i>	3
PLED 351	<i>Church Assimilation and Development</i>	3
PLED 421	<i>Homiletics I</i>	3
<b>TOTAL HOURS:</b> 130 hours minimum required; at least 35 hours must be 300-400 level.		

<b>Worship Technology Concentration (18 hrs)</b>		
<i>The following courses may be added to the B.S. in Music and Worship for a Concentration in Worship Technology::</i>		
ARTS 222	<i>Desktop Publishing</i>	3
COMS 220	<i>Mass Communication Writing</i>	3
COMS 223	<i>Audio and Video Basics</i>	3
<i>Select three courses from the following: (9 hrs)</i>		
COMS 333	<i>Video Production</i>	
COMS 334	<i>Audio Production</i>	
ARTS 340	<i>Publication Design</i>	
ARTS 341	<i>Graphic Design</i>	
ARTS 351	<i>Digital Imaging</i>	
<b>TOTAL HOURS:</b> 130 hours minimum required; at least 35 hours must be 300-400 level.		

<b>Youth Ministry Concentration (18 hrs)</b>		
<i>The following courses may be added to the B.S. in Music and Worship for a Concentration in Youth Ministry:</i>		
CHMN 201	<i>Introduction to Church Ministries</i>	3
CHMN 447	<i>Discipleship in Church Ministries</i>	3
YOUT 201	<i>Principles 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
<b>TOTAL HOURS:</b> 130 hours minimum required; at least 38 hours must be 300-400 level.		

## Cognates

<b>BIBLICAL STUDIES COGNATE (15 hrs)</b>		
<i>The following courses may be added to the B.S. in Music and Worship for a Cognate in Biblical Studies:</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 410	<i>Genesis</i>	3
BIBL 425	<i>Romans</i>	3
<b>TOTAL HOURS:</b> 127 hours minimum required; at least 41 hours must be 300-400 level.		

### **BUSINESS COGNATE (15 hrs)**

*The following courses may be added to the B.S. in Worship and Music Studies for a Cognate in Business:*

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:** 127 hours minimum required; at least 38 hours must be 300-400 level.

### **THEATRE MINISTRIES COGNATE (15 hrs)**

*The following courses may be added to the B.S. in Music and Worship for a Cognate in Theatre Ministries:*

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:** 127 hours minimum required; at least 35 hours must be 300-400 level.

### **WOMEN'S MINISTRIES COGNATE (15 hrs)**

*The following courses may be added to the B.S. in Music and Worship for a Cognate in Women's Ministries:*

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 Women in Ministry</i>	3
WMIN 387	<i>Methods of Teaching the Bible and Religion for Women</i>	3

**TOTAL HOURS:** 127 hours minimum required; at least 38 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/dcps>.

# School of Religion

## Administration

**Gabriel Etzel, B.S., M.A.R., M.Div., D.Min.**

*Acting 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*

### 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/dcps>.

## Department of Church Ministries

**Jonathan Geukgeuzian, B.S., M.R.E.**

*Chair, Department of Church Ministries  
Director, Center for Youth Ministries  
Assistant 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*

## Faculty

### RESIDENTIAL – FULL-TIME

*Professor*

Adams; Gutierrez, IV; Vandegriff

*Associate Professor*

Brennan, M.; Brown, R.

*Assistant Professor*

Geukgeuzian

### RESIDENTIAL – PART-TIME

*Adjunct Professor*

Dempsey, C.; Gilmer; Harcup; Scarlett; Willmington, M.

### PURPOSE

The Department of 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

## Church Ministries Major (B.S.)

The major in Church Ministries provides an undergraduate degree program for students who are specifically interested in pursuing vocational ministry. The core for this degree program will provide foundational studies and practical training for the broad field of church ministries, while the concentrations will allow students to specialize their skills in particular areas, including Adventure Leadership and Outdoor Ministry, Pastoral Leadership, Women's Ministries, Worship, and Youth Ministries.

### 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. Plan, organize, and develop Christian ministries.
4. Evaluate models of leadership and programs, as well as various philosophies of Christian ministries.

### Adventure Leadership and Outdoor Ministry Concentration

The student will be able to evaluate and demonstrate the skills necessary for constructing a ministry philosophy and programs for outdoor ministry from a biblical worldview.

### Women's Ministries Concentration

The student will be able to evaluate and demonstrate the skills necessary for evangelizing and discipling women in Christian ministry from a biblical worldview.

### Youth Ministries Concentration

The student will be able to evaluate and demonstrate the skills necessary for engaging and educating adolescents within their culture from a biblical worldview.

## Programs of Study

### Church Ministries Major (B.S.)

#### General Education: Core Competency Requirements (59-63 hrs)

#### Core Courses in the Major (30 hrs)

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>	2
CHMN 360	<i>Foundations of Ministry Programming</i>	3
CHMN 447	<i>Discipleship in Church Ministries</i>	3
CHMN 450	<i>Leadership and Management in Ministry</i>	3
CHMN 489	<i>Church Ministries Capstone</i>	3
GLST 200	<i>Introduction to Global Studies</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3

<b>Concentrations (18 hrs)</b>	
•	Adventure Leadership and Outdoor Ministry
•	Women's Ministries
•	Worship
•	Youth Ministries
<b>Cognate (12 hrs)</b>	
•	Worship
<b>Free Electives (9-13 hrs) [Concentrations]</b>	
<b>Free Electives (15-19 hrs) [Cognate]</b>	
*CHMN 300 is a one hour course that is repeated twice	
<b>TOTAL HOURS:</b> 120 hours minimum required	

## Concentrations

<b>Adventure Leadership and Outdoor Ministry Concentration</b>	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Core Courses in the Major (30 hrs)</b>	
<b>Concentration Courses (18 hrs)</b>	
ALOM 310	Adventure Leadership Foundations 3
ALOM 320	Adventure Leadership Programming 3
ALOM 360	Camping Ministry 3
ALOM 370	Managing the Christian Organization 3
ALOM 499	Internship/Practicum 3
HLTH 205	Accident Prevention and Care (First Aid) 3
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 38 hours must be 300-400 level.	

<b>Women's Ministries Concentration</b>	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Core Courses in the Major (30 hrs)</b>	
<b>Concentration Courses (18 hrs)</b>	
WMIN 220	Survey of Women's Ministries 3
WIMN 320	The Christian Woman 3
WMIN 330	The Role of the Christian Woman in Ministry 3
WMIN 387	Methods of Teaching the Bible and Religion for Women 3
WMIN 410	Leadership Development and Strategies for Women in Ministry 3
WMIN 499	Women's Ministry Internship 3
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 38 hours must be 300-400 level.	

<b>Youth Ministries Concentration</b>	
<b>General Education: Core Competency Requirements (59-63 hrs)</b>	
<b>Core Courses in the Major (30 hrs)</b>	
<b>Youth Ministries Concentration Courses (18 hrs)</b>	
YOUT 201	Survey of Youth Ministries 3
YOUT 301	Foundations of Youth Ministry 3
YOUT 350	Campus Ministry – OR – 3
YOUT 370	Managing the Christian Organization 3
YOUT 448	Contemporary Youth Communication 3
YOUT 460	Programs for Youth Ministry 3
YOUT 499	Youth Ministry Internship 3
<b>Free Electives (9-13 hrs)</b>	
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 38 hours must be 300-400 level.	

## Cognate

### WORSHIP COGNATE

**General Education: Core Competency Requirements (59-63 hrs)**

**Core Courses in the Major (30 hrs)**

**Cognate Courses (12 hrs)**

MUSC 201	Creative Worship	3
MUSC 202	Old and New Testament Music and Worship	3
MUSC 323	Leadership, Philosophy, Music and Organization	3
MUSC 423	Congregational Contextualization and Leadership	3
<b>Directed Courses (Required)</b>		
MUSC 200	Music, Art, Worship and Culture*	3
MUSC 313	History of Music and Worship*	3

\* These courses are approved General Education courses and may be counted in the Core Competency requirements.

**TOTAL HOURS:** 120 hours minimum required; at least 32 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

### Pastoral Leadership Major (B.S.)

**General Education: Core Competency Requirements (59-63 hrs)**

**Courses in the Major 45 hrs)**

BIBL 324	Pastoral Epistles	3
BIBL 350	Inductive Bible Study	3
BIBL 364	Acts	3
BIBL 425	Romans	3
BIBL 480	Hermeneutics	3
CHMN 201	Introduction to Church Ministries	3
PLED 201	Foundation to Pastoral Leadership	3
PLED 251	Church Planting and Development	3
PLED 301	Family Ministry in the Church	3
PLED 302	Staff Management and Relations in Pastoral Leadership	3
PLED 350	Pastoral Duties	3
PLED 351	Church Assimilation and Development	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
<b>Free Electives (12-16 hrs)</b> [6 hrs must be upper level]		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 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
BIBL 324	<i>Pastoral Epistles and Leadership Development</i>	3
PLED 350	<i>Pastoral Duties</i>	3
PLED 421	<i>Homiletics I</i>	3
PLED ____	Elective (300-400 level)	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>	3
YOUT 370	<i>Managing the Christian Organization</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*

### Faculty

#### RESIDENTIAL – FULL-TIME

*Associate Professor*

Alban, Sr.

*Assistant Professor*

Harper; Ritchey

### 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.

### Program of Study

Global Studies Major (B.S.)		
<b>General Education: Core Competency Requirements (60-64 hrs)</b>		
<b>Core Course in the Major (36 hrs)</b>		
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>	3
GLST 421	<i>Roman Catholicism– OR</i>	
GLST 425	<i>Animism– OR</i>	
GLST 431	<i>Introduction to Islam</i>	
GLST 385	<i>Career Missionary Preparation</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
<b>Approved Minor or Double Major (15-21 hrs)</b>		
Students will be required to obtain a minor or a double major		
<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 (5-9 hrs)</b>		
<b>Additional Requirements for Major:</b>		
Taylor-Johnson Assessment		
UCipher™ Graduate Assessment		
* 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 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
* Once 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*

### Faculty

#### RESIDENTIAL – FULL-TIME

*Distinguished Professor*

Hindson

*Professor*

Borland; Brindle; Fowler; Hartman; Leverett; Price; Willmington, H.

*Associate Professor*

Allen; Cleaver; Etzel; Fuhr; Smith, M.

*Assistant Professor*

Love

#### 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.

#### 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.)

**General Education: Core Competency Requirements (53-57 hrs)**

**Liberal Arts Focus: Language Requirements (12 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

**Integrative Studies (6 hrs)**

**Courses in the Major (42 hrs)**

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

**Bible Backgrounds (Select two courses) (6 hrs)**

BIBL 471	<i>Biblical Archaeology –OR</i>	3
BIBL 472	<i>New Testament Backgrounds – OR</i>	3
BIBL 473	<i>Old Testament Backgrounds</i>	3

**Old Testament Elective**

BIBL ____	<i>Select one course from:</i>	3
	BIBL 311, 314, 316, or 317	

**New Testament Elective**

BIBL ____	<i>Select one course from:</i>	3
	BIBL 323, 324, 330, or 364	

**Hebrew OR Biblical Theology (6 hrs)**

HBRW 201	<i>Hebrew Grammar I – AND</i>	3
HBRW 202	<i>Hebrew Grammar II</i>	3

**OR**

BIBL 460	<i>Old Testament Theology</i>	3
BIBL 461	<i>New Testament Theology</i>	3
GREK 401	<i>Greek Exegesis – OR</i>	3
BIBL ____	<i>Upper-level Elective</i>	
BIBL ____	<i>Upper-level Elective</i>	3

**Free Electives (3-7 hrs) [3 hrs must be upper level]**

**TOTAL HOURS:** 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.

#### 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 (53-57 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>Capstone Course</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>		
<b>TOTAL HOURS:</b> 120 hours minimum required		

**Concentrations**

<b>Biblical Languages Concentration</b>		
<b>General Education: Core Competency Requirements (53-57 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</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 (12-16 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>General Education: Core Competency Requirements (60-64 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</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 ____	Upper level Elective	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 (11-15 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>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</b>		
<b>Jewish Studies Concentration Courses (18 hrs)</b>		
BIBL 430	<i>History of Ancient Israel</i>	3
BIBL 431	<i>Israelology</i>	3
BIBL 432	<i>Messianic Prophecy</i>	3
BIBL 433	<i>The Jewish Temple in History and Prophecy</i>	3
BIBL 434	<i>General Studies in Israel Seminar</i>	3
CHHI 405	<i>History of Anti-Semitism</i>	
<b>Free Electives (12-16 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>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</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 (12-16 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

<b>Old Testament Concentration</b>		
<b>General Education: Core Competency Requirements (59-63 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</b>		
<b>Concentration Courses (18 hrs)</b>		
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
<b>Free Electives (12-16 hrs)</b>		
<b>TOTAL HOURS:</b> 120 hours minimum required; at least 42 hours must be 300-400 level.		

**Theology and Apologetics Concentration****General Education: Core Competency Requirements (59-63 hrs)****Core Courses in the Major (27 hrs)****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>Ecclesiology</i>	3
THEO 430	<i>Modern and Contemporary Theology</i>	3
APOL ____	CHHI / THEO Upper-level elective	3

**Free Electives (12-16 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)**

Biblical Backgrounds	3
BIBL Electives (300-400 level)	12

**Jewish Studies Minor****Jewish Studies Minor (15 hrs)**

BIBL 430	<i>History of Ancient Israel</i>	3
BIBL 431	<i>Israelology</i>	3
BIBL 432	<i>Messianic Prophecy</i>	3
BIBL 433	<i>The Jewish Temple in History and Prophecy</i>	3
CHHI 405	<i>History of Anti-Semitism</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 from one course from BIBL 323, 324, 330, or 364	3
BIBL ____	Choose one course from BIBL *425, 450, 471, or *480	3

\*Requires approval from Department Chair

**Old Testament Minor****Old Testament Minor (15 hrs)**

BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 461	<i>Old Testament Theology – OR</i>	3
BIBL ____	Old Testament Elective (300-400 level)	
BIBL 473	<i>Old Testament Backgrounds</i>	3
BIBL ____	Choose one course from BIBL 311, 314, 316, or 317	3
BIBL ____	Choose one course from BIBL 410, 450, 471, or *480	3

\*Requires approval from 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>Ecclesiology</i>	3
THEO 430	<i>Modern and Contemporary Theology</i>	3

**Associate of Arts in Religion**

In an effort to meet the educational needs of students who want a university degree, but who do not have desire to complete a four-year bachelor's program, the School of Religion offers the Associate of Arts Degree in Religion. Graduates of this program may transfer their courses into a bachelor's degree program at Liberty if they desire to continue their education.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in the basic biblical and theological concepts of the Bible
2. Analyze theological issues of the present culture.
3. Communicate effectively using appropriate research style and methods.

**Associate of Arts in Religion (A.A.)****General Education:****Core Competency Requirements (38-42 hrs)****Courses in the Major (24 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
BIBL / CHMN / GLST Elective		3
CHMN / YOUT / PLED Elective		3

**TOTAL HOURS:** 62 hours minimum required

## *School of Religion – Online Programs*

### **Administration**

**Gabriel Etzel, B.S., M.A.R., M.Div., D.Min.**

*Acting 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.**

*Chair, School of Religion  
Assistant Professor of Religion*

**Troy Temple, B.S., M.A., Ph.D.**

*Chair, School of Religion  
Professor of Religion*

### **Faculty**

#### **DISTANCE EDUCATION – FULL-TIME**

*Assistant Professor*

Allen, R.; Allen, D.; Allen, M.; Anthony; Babbitt, D.; Bandy; Barnett, W.; Benkert; Brewster; Brooks; Buchanan; Butler, C.; Campbell, J.; Carraway; Chandler III; Cobongs; Cox; Cramer; Daubert; Davis, T.; Dempsey, C.; Eiras; Epps; Faber; Gentry; Giese, R.; Gipson; Goad; Goard; Hall, J.; Hensley; Hood; Keiser; Kelly; Light, D.; Markley; Mason; Massey; Mathers; McGee, R.; Miller, C.; Moulton; Neipp; Nickens; Olarewaju; Owens; Powell; Rodriguez; Russell; Sailer; Scott, J.; Shultz, G.; Spotts; Swinson

*Instructor*

Allard; Allen, J.; Backert; Baird; Ballard; Barnes; Beauchamp; Bernard; Billingsley, C.; Billingsley, J.; Brinkley, T.; Brown, A.; Brown, D.; Brown, D. R.; Bryant, W.; Burroughs; Butler, J.; Carmody; Chapman; Chitwood, S.; Day; Diffey; Earley, C.; Earls; Edgell; Estes; Foster; Fowler, E.; Fuhr, J.; Gaston; Gifford, J.; Gillen, P.; Graham; Greene; Grooms; Gutierrez, T.; Hanson; Harriss; Heidt; Hughes, W.; Hunter; Jernigan, J.; Johnson, S.; Jones, B.; Kesler; Koontz, E.; Laird; Lakin, J.; Lambert, B.; Lay; Link; Lumadue; Lytle; Maashe-Mengueme; McGee, D.; McGorman; Mitchell, M.; Murphy, C.; Mutie; Naylor; Nix; Peterson; Porter, D.; Rader; Rick; Rickmond; Ross, T.; Samms; Samuel, K.; Schломann; Sheridan; Sisk; Sterling; Stone; Stonestreet; Tabor; Weems; White, A.; Whyte; Wicks

### **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 Requirements (48 hrs)**

##### **Core Courses in the Major (51 hrs)**

EDUC 200	<i>Principles of Education</i>	3
EDUC 205	<i>Learning Theory and Portfolio Development</i>	3
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 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>		<b>18</b>

\* Choose a BIBL or THEO course not already required in the Investigative Studies or Core.  
(BIBL 104 & 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>		
<b>General Education Requirements (48 hrs)</b>		
<b>Core Courses in the Major (51 hrs)</b>		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 364	<i>Acts</i>	3
BIBL 425	<i>Romans</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management – OR</i>	3
BUSI 409	<i>Non-Profit Management</i>	
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 340	<i>Organizational Behavior</i>	3
BUSI 342	<i>Human Resource Management – OR</i>	3
BUSI 411	<i>Operations Management</i>	
CHMN 387	<i>Methods of Teaching Bible and Religion</i>	3
CLED 300	<i>Biblical and Theological Foundations of Leadership</i>	3
CLED 365	<i>The Personal Development of the Leader</i>	3
CLED 489	<i>Capstone Seminar</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
BIBL/THEO*		15
<b>Electives (18 hrs)</b>		18
<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>		
<b>General Education Requirements (48 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</b>		
CHMN 201	<i>Introduction to Church Ministries</i>	3
GLST 200	<i>Introduction to Global Studies</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 364	<i>Acts</i>	3
BIBL 425	<i>Romans</i>	3
CHHI 301	<i>History of the Christian Church I</i>	3
CHMN 387	<i>Methods of Teaching Bible &amp; Religion</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
RLGN 489	<i>Capstone Seminar</i>	3
<b>Cognate Courses (15 hrs)</b>		15
<ul style="list-style-type: none"> <li>• Biblical and Theological Studies</li> <li>• Christian Counseling</li> <li>• Christian Ministries</li> </ul>		
<b>Electives (27 hrs)</b>		27
<b>TOTAL HOURS:</b> 120 minimum; 30 hours must be upper level		

**Cognates**

<b>BIBLICAL AND THEOLOGICAL STUDIES COGNATE</b>		
<b>General Education Requirements (48 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</b>		
<b>Biblical and Theological Studies Cognate (15 hrs)</b>		
THEO 313	<i>Person and Work of Christ – OR</i>	3
THEO 330	<i>Theology of the Family</i>	
<b>Choose two courses (6 hrs) from the following:</b>		6
BIBL 323	<i>John</i>	
BIBL 410	<i>Genesis</i>	
BIBL 450	<i>Daniel – Revelation</i>	
BIBL 471	<i>Biblical Archaeology</i>	
<b>Choose two courses (6 hrs) from the following disciplines not already required in the Core or the Cognate*:</b>		6
BIBL, CHHI, THEO		
<b>Free Electives (27 hrs)</b>		
* BIBL 104 & THEO 104 not approved electives		

<b>CHRISTIAN COUNSELING COGNATE</b>		
<b>General Education Requirements (48 hrs)</b>		
<b>Core Courses in the Major (27 hrs)</b>		
<b>Christian Counseling Cognate (15 hrs)</b>		
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>	
<b>Free Electives (27 hrs)</b>		

**CHRISTIAN MINISTRIES COGNATE**

<i>General Education Requirements (48 hrs)</i>	
<i>Core Courses in the Major (27 hrs)</i>	
<i>Christian Ministries Cognate (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>	27
Student may need 9 hours or more of upper level electives to fulfill 30 hour upper level requirement	
<b>TOTAL HOURS:</b> 120 minimum required; at least 30 hours must be upper level	

**Biblical Studies Minor**

<b>Biblical Studies Minor (15 hrs)</b>		
BIBL	Biblical Backgrounds	3
BIBL	Electives (300-400 Level)	12

**Church Ministries Minor**

<b>Church Ministries Minor (15 hrs)</b>		
CHMN 201	<i>Introduction to Church Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
PLED 450	<i>Leadership and Management of the Local Church</i>	3
<i>Choose two courses (6 hrs) from the following:</i>		
YOUT/CHLD/CHMN/PLED		

**Religion Major (A.A.)**

**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**

<b>Religion Major (A.A.) (24 hrs)</b>		
<i>General Education Requirements (33 hrs)</i>		
<i>Courses in the Major (24 hrs)</i>		
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/YOUT/PLED Elective		3
<i>Graduation Requirement (3 hrs)</i>		
CRST 290	<i>History of Life</i>	3
<b>TOTAL HOURS:</b> 60 minimum		

**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**

<b>Biblical Studies Certificate (18 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

**Certificate in Christian Ministry**

<b>Christian Ministry Certificate (18 hrs)</b>		
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 COMPLETION PLANS**

Certificate Completion Plans (CCP) can be accessed online at <http://www.liberty.edu/index.cfm?PID=27907>.

## 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.

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:

- 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/csar>.



## Willmington School of the Bible – Online Program

### Graduate of Theology Diploma (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.

### 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)

27

**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 – Diploma 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** *History of the Christian Church 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** *Pastoral Theology I* 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 II* 3 hours  
A continuation of PRTH 140. 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.

- 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 levels III and 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.

## Courses of Instruction

**ELIL 051 Grammar/Writing 1** 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 1** 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 2** 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 2** 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 3** 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 3** 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 4** 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 4** 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** 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 2** 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 1** 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 2** 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 2** 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 1** 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 2** 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.

## 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 YOUT 360** 3 hours

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/Senior 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

Development of the 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 Design*** 3 hours  
**FACS 113**

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.

**ARTS 201 *History of Art*** 3 hours

An overview of a variety of references from ancient art through the present. Emphasis on vocabulary development with special emphasis on methods of critical analysis of works of art. Students are responsible for maintenance of portfolio of assignments. This portfolio will be used for class discussion periodically and turned in at the end of the semester.

**ARTS 211 *Drawing I*** 3 hours

Introduction to the rendering in pencil of simple subjects with attention to problems of edges/contours, positive/negative space, sighting/perspective, proportion, and light/shade. (Formerly ARTS 210)

**ARTS 222 *Desktop Publishing*** 3 hours

The ability to type and knowledge of the computer keyboard is required. Desktop publishing skills and/or topics including a brief history of typography and printing; theory, principles, and procedures of typography; rudimentary design principles; page layout software features that specify type, format style sheets, design grid, tool palettes, permit modification of graphics and text files. Production of desktop publishing projects, including simple

components generated either by replication or by creation. Acquisition of a working knowledge of a professional page layout program. Introductory use of a scanner.

**ARTS 223 *Typography*** 3 hours

Prerequisites: ARTS 222

The study of type as a tool and a design element. Type identification, text and display usage, and actual letterform design.

**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 300 *Art as Communication*** 3 hours

This course will introduce students to the communicative function and proactive of visual imagery (traditional and digital) and exploration of the ways in which such images are constructed through various practices, technologies and knowledge. A critical approach is taken towards 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, such as consumers of teachers, across a range of contexts including the workplace and website.

**ARTS 301 *Basic Photography*** 3 hours

Introduction to the techniques of taking and processing black and white photographs with consideration of the composition of both still and moving photography. Techniques of taking color transparencies for use in slide and slide-tape presentations, including title boards, graphics, and other imaging techniques. Legal and ethical implications discussed. Portfolio preparation. 35mm camera with interchangeable lens required. (Formerly COMS 301).

**ARTS 303 *History of Graphic Design*** 3 hours

This course is designed to give students a broad overview of the diverse and rich history in the development of graphic design. The lectures will provide a survey of the major movements of the field from the perspective of the social and political realities from which they developed.

**ARTS 310 *Drawing II*** 3 hours

Prerequisites: ARTS 211

Intermediate level of study of compound subjects in pencil, charcoal, and ink, continued attention to problems of ARTS 210. (Formerly ARTS 210)

**ARTS 321 *Painting I*** 3 hours

Introduction to painting. Panel and canvas preparation, exercises exploring color properties, modeling of tone and illumination. (Formerly ARTS 320)

**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 in design concepts, terminology, sculpture history, processes and techniques.

**ARTS 332 *Digital Illustration*** 3 hours

A professional drawing program and color theory to create drawings and illustrations for the printed page of the Internet. Production techniques. Training in a professional drawing software program and "paint-type" program. Portfolio preparation and presentation.

**ARTS 340 *Publication Design*** 3 hours

Prerequisite: ARTS 222

This design course is for the student who wants to work in the field of newspapers, magazines, advertising, or public relations. It is an introduction to the terminology for newspaper production and covers basic design principles: typography, copy fitting, cropping, layout, photo sizing, use of art, and printing processes. Design and

production of a newspaper will be required. The students will work on other projects such as a brochure, a newspaper, and web pages. Students will use software to create final projects. Portfolio preparation.

**ARTS 341 *Graphic Design*** 3 hours

Prerequisites: ARTS 222, 332

Theory and application of graphic design principles, creative typography, layout, digital illustration, introductory image handling, and printing processes. Application, extension, and integration of skills learned in prerequisite courses. Design and production of basic projects for the printed page. Critiquing of designs. Students taking ARTS 341 cannot take ARTS 340. Portfolio presentation. (Formerly COMS 341)

**ARTS 351 *Digital Imaging*** 3 hours

Prerequisite: ARTS 222

Importing digitized images into the computer via a scanner, a digital camera, or the Internet. Then modifying the digitized art and preparing it for electronic media or the printed page through electronic re-press techniques, such as black and white t1 targeting; color corrections; rotating, scaling, and cropping photographs; retouching; selecting color models; making color separations; and trapping. Training in a professional image-editing program.

**ARTS 361 *Digital Photography*** 3 hours

Advanced imaging techniques utilizing photography and layout software. The course focuses on proficiency in working with equipment and software combined with creativity to produce quality portfolio pieces.

**ARTS 371 *Advanced Graphics*** 3 hours

Prerequisites: ARTS 222, 332, 341, 351

Advanced study in graphic design, which integrates desktop publishing, digital illustration, digital imaging, page layout, and pre-press techniques with emphasis on the design process from visualization to production. Design and production of major projects for print including an extensive business identity package and a magazine project produced through both individual and group work. Critiquing designs. Portfolio preparation and presentation. (Formerly COMS 371)

**ARTS 400 *Travel Study*** 3 hours

Prerequisite: ARTS 201

Travel to various destinations for study of art, architecture and culture.

**ARTS 401 *Illustration/Cartooning*** 3 hours

This course explores a full range of current commercial illustration methods and techniques utilizing the following media: pencil, pen, and ink, watercolor, and collage.

**ARTS 420 *Painting II*** 3 hours

Prerequisite: ARTS 321

The use of paints in the modeling of tone and illumination of chromatic studies with emphasis on individual creative development on the part of the student.

**ARTS 430 *Sculpture II*** 3 hours

Prerequisite: ARTS 330

The creation of sculpture in a variety of media on a larger, more ambitious scale than Sculpture 1 and the exploration of more sophisticated sculptural techniques and processes.

**ARTS 461 *Advanced Digital Photography*** 3 hours

Prerequisite: ARTS 361

Advanced imaging techniques utilizing photography, and layout software. The course focuses upon proficiency in working with equipment and software combined with creativity to produce quality portfolio pieces.

**ARTS 472 *Interactive Multimedia*** 3 hours

Prerequisites: ARTS 351

Study of both visual media design concepts and site management for web development. Practical experience in the

preparation of digital materials on the development of standards to evaluate the presentation of information with these tools. Training in industry-standard digital media and multimedia authoring programs guided by principles of design, including graphic design and user interface design. (Formerly COMS 472)

**ARTS 473 *2D/3D Graphics and Animation*** 3 hours

Prerequisites: ARTS 351

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, characters, and environments. Advanced training in industry standard 2D and 3D programs guided by principles of design.

**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.

**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

A senior-level course to aid students in their upcoming transfers from the college setting to the professional setting. Topics and issues related to professional practices for graphic designers and studio artists will include: relationships with clients, design firms, and employees, as well as freelancing, working as an independent contractor, resources on starting and operating a small graphic design studio, careers in graphic design and studio art, professional organizations, portfolio presentation, grants, gallery representation, private dealer sales, and the personal studio. (Formerly COMS 492)

**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 *Internship*** 1 to 6 hours

Completion of a minimum of 24 hours of Visual Communication Arts courses other than COMS 101 and written consent of the department chair; 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.

**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 makers 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 full-time 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.

<b>ATHL 044</b>	<b>Golf</b>	1 hour
Participation in intercollegiate competition in golf.		
<b>ATHL 045</b>	<b>Tennis</b>	1 hour
Participation in intercollegiate competition in tennis.		
<b>ATHL 055</b>	<b>Wrestling</b>	1 hour
Participation in intercollegiate competition in wrestling.		
<b>ATHL 056</b>	<b>Lacrosse</b>	1 hour
Participation in intercollegiate competition in lacrosse.		
<b>ATHL 058</b>	<b>Women's Field Hockey</b>	1 hour
Participation in intercollegiate competition in field hockey.		
<b>ATHL 200</b>	<b>Cheerleading</b>	1 hour
Membership in the University cheerleading squad.		

**ATHLETIC TRAINING**

<b>ATTR 200</b>	<b>Introduction to Athletic Training</b>	3 hours
An introduction to the profession of athletic training. Topics also include basic methods of care, treatment, and rehabilitation of athletic injuries.		
<b>ATTR 210</b>	<b>Principles of Athletic Training</b>	3 hours
Introduction of Basic Athletic Training. Topics include: pre-participation exam; modalities; and prevention. Laboratory experiences are provided.		
<b>ATTR 221</b>	<b>Clinical Education I</b>	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.		
<b>ATTR 225</b>	<b>Clinical Kinesiology for Health Professionals</b>	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.		
<b>ATTR 226</b>	<b>Clinical Kinesiology for Health Professionals Laboratory</b>	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		
<b>ATTR 299</b>	<b>Internship</b>	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.		
<b>ATTR 300</b>	<b>Lower Extremity Injury Evaluation</b>	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.		
<b>ATTR 301</b>	<b>Lower Extremity Injury Evaluation Laboratory</b>	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.		
<b>ATTR 302</b>	<b>Upper Extremity Injury Evaluation</b>	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.		
<b>ATTR 303</b>	<b>Upper Extremity Injury Evaluation Laboratory</b>	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.		
<b>ATTR 305</b>	<b>Emergency Care for Athletic Training</b>	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.		
<b>ATTR 306</b>	<b>Emergency Care for Athletic Training Laboratory</b>	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.		
<b>ATTR 310</b>	<b>Therapeutic Modalities in Athletic Training</b>	3 hours
Prerequisites: ATTR 305, 306		
A study of theories and principles of uses of different modalities to enhance the healing of injuries. Lab experiences included.		
<b>ATTR 311</b>	<b>Therapeutic Modalities Laboratory</b>	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.		
<b>ATTR 320</b>	<b>Clinical Education II</b>	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.		
<b>ATTR 321</b>	<b>Clinical Education III</b>	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, has a lab fee, 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** 1 hour

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 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. Student 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 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 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*** 2 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 an 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  
(Three hours lecture; three 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 History and Prophecy* 3 hours  
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

## 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 207 *General Botany*** 4 hours

(3 hours lecture; 3 hours lab)

Prerequisite: BIOL 200 "C" or better; or BIOL 224 "C" or better

A survey of the diversity of organisms in the Prokaryote, Fungi, Protista, and Plantae kingdoms. Emphasis is placed upon the

morphology, physiology, anatomy, taxonomy, reproduction and phylogeny of plants. Restricted to Biology and pre-professional students.

**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

(Offered every semester) (3 hours lecture; 3 hours lab)

Prerequisites: BIOL 208 "C" or better; or BIOL 224 "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 224 "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 320 Introduction to Entomology** 4 hours  
(3 hours lecture; 3 hours lab)

Prerequisites: BIOL 208 "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 215/216

A study of the micro-structure and function of the human body with emphasis on biochemistry, cell physiology, and organismal pathology.

**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. (Effective Spring 2013)

**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 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 455 Molecular Techniques** 3 hours  
(1 hours 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 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 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 Applications and Communications** 3 hours

Prerequisites: 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)

**BMIS 208 Application Programming** 3 hours

Prerequisite: (BMIS 200 or CSCI 110) and BUSI 201; minimum grade of “C”

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; 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; 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 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

Prerequisites: BMIS 200 or CSCI 110; minimum grade of “C”

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

Prerequisites: BMIS 208 with a minimum grade of “C” and (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/ 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)

**BMIS 341 Information Security Planning** 3 hours

Prerequisite: BMIS 335; minimum grade of “C”

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/ ENGS 375 Introduction to Human-Computer Interaction** 3 hours

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.

**BMIS 405/ BUSI 405 Business and Economic Forecasting** 3 hours

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 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/ Introduction to Probability and Statistics MATH 201** 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 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 of 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 retire 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 or permission of professor

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 or permission of professor

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 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:** 3 hours

*Origins and Outcomes*

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 413 Foundations of Project Management** 3 hours

Prerequisite: BUSI 411

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.

**BUSI 414 Project Management I** 3 hours

Prerequisite: BUSI 413

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 414

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 415

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 420 *Investments*** 3 hours  
Prerequisites: BUSI 320 or consent of instructor

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 or permission of professor

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 or permission of professor

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* 2 hours

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* 2 hours

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. (Implementation: Spring 2013)

### 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. (Implementation: Spring 2013)

### 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.

**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 2014)

**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. (Available Fall 2014)

**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. (Available Fall 2014)

**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. (Available Fall 2014)

**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. (Available Fall 2014)

**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 2014)

**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.

### 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.) Must be repeated for a total of two hours.

**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 305 Editing** 3 hours

Prerequisites: COMS 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 Film Production** 6 hours

Prerequisites: COMS 323, CINE 202, 203, 305, 352, THEA 320, COMS 333, HUMN 301

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 352 Alternative Distribution Analysis** 3 hours

Prerequisites: COMS 323, CINE 202, 203; Program Director waiver, if needed

This course is designed to teach students how the full scope of the entertainment industry: film, animation, television, and games converge to bring products to market within a broad scope of diverse delivery platforms. Emerging industry trends will also be addressed.

**CINE 353 Feature Screenwriting** 3 hours

Prerequisites: COMS 323, CINE 202, 203, 305, 352, THEA 320, COMS 333, HUMN 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 400 Feature Pre-Production** 6 hours

Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353 THEA 320, COMS 333, 345, HUMN 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 402 *Feature Production*** 6 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353 THEA 320, COMS 333, 345, HUMN 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 451 *Post-Production*** 3 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301, 435

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.

**CINE 452 *Post Visual Effects*** 3 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301, 435

Visual Effects (VFX) are any effects digitally created or enhanced for a movie, TV, or video game production. Learn how to keep the audience focused on the story through well executed VFX making the impossible appear real.

**CINE 453 *Feature Distribution and Marketing*** 4 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301, 435

Study all major facets of the entertainment industry, from core business strategies to the artistic principles that drive the creation of new intellectual properties. Also studied are the economic models that determine whether projects get launched and the technology used to bring projects to fruition.

**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.

**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 America 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 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 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  
(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.

### 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

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 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 110 *Introduction to Mass Communication*** 3 hours

An overview of the role of print and electronic media in the dissemination of information to a mass audience.

**COMS 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.

**COMS 220 *Mass Communication Writing*** 3 hours

Prerequisites: COMS 110 and a grade of "C" or better in ENGL 101 or advanced standing on the English placement test.

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.

**COMS 224 *Fundamentals of Audio Production*** 3 hours

Prerequisites: COMS 110, 220

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.

**COMS 225 *Fundamentals of Video Production*** 3 hours

Prerequisites: COMS 110, 220

This course will introduce the fundamentals of training in digital video production, editing, software operation, use of cameras, lighting, and microphones.

**COMS 234 *Copy Editing*** 3 hours

Prerequisites: COMS 110 and completion of COMS 220 with a grade of "C" or better

A writing course that emphasizes advanced grammar skills, copy editing, and proofreading, as well as reporting and headline writing, tease and tag writing, legal and ethical considerations, and minimal attention to layout and design.

**COMS 298 *Communications Workshop*** 1–6 hours  
 Prerequisite: Permission of the instructor  
 A course designed for non-majors and community members who wish to broaden their horizons with introductions to subjects such as Desktop Publishing.

**COMS 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.

**COMS 307 *Principles of Advertising and Public Relations*** 3 hours  
 Prerequisites: COMS 110 and 220  
 This survey course examines the principles and theory of both Public Relations and Advertising to help the student better recognize in which discipline he or she is better suited. Special emphasis will be given to the theory and practices, while less time is devoted to the actual production (writing) of advertising and public relations communications.

**COMS 315 *Oral Interpretation*** 3 hours  
 (Offered fall semester)  
 Study and practice of the art of using speech to communicate literature to an audience.

**COMS 323 *Scriptwriting for Visual Media*** 3 hours  
 Prerequisites: COMS 110 and 220  
 A study of writing for television and Internet distribution. Student will learn dramatic and documentary writing techniques and develop scripts in both genres.

**COMS 324 *Announcing*** 3 hours  
 Prerequisite: COMS 101  
 An introduction to the practice of announcing and pronunciation with the development of individual vocal skills and microphone technique in broadcast. Intensive practical experience in developing individual announcing ability and critiquing announcers.

**COMS 325 *Interpersonal Communication*** 3 hours  
 (Offered fall semester)  
 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.

**COMS 330 *Small Group Communication*** 3 hours  
 (Offered fall semester)  
 Study and practice of the theories and methods of group communication.

**COMS 333 *Video Production*** 3 hours  
 Prerequisites: COMS 110, 220, and 223  
 A study of the theory and practice in planning, directing and producing various video productions with emphasis on skill development and production techniques.

**COMS 334 *Audio Production*** 3 hours  
 (Offered fall semester)  
 Prerequisites: COMS 110, 220, and 223  
 Intensive, practical experience in planning, coordinating, directing and producing various audio productions for broadcast.

**COMS 335 *Argumentation*** 3 hours  
 Prerequisite: 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.

**COMS 345 *Persuasion*** 3 hours  
 Prerequisite: COMS 101  
 (Offered spring semester)  
 Analysis and practice of techniques used to change attitudes, beliefs, and behavior in various communication contexts.

**COMS 346 *Advertising Copywriting and Design*** 3 hours  
 Prerequisites: COMS 110, 220, 307, ARTS 222  
 An introduction to advertising writing techniques for commercial, public service and direct marketing organizations with experience in various types of electronic and print media. Portfolio preparation.

**COMS 354 *News Writing*** 3 hours  
 (Offered fall semester)  
 Prerequisites: COMS 110, 220, and 234  
 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.

**COMS 355 *Organizational Communication*** 3 hours  
 (Offered spring semester)  
 Prerequisite: 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.

**COMS 356 *Direct Marketing Communication*** 3 hours  
 (Offered spring semester)  
 Prerequisites: COMS 110, 220, and 307  
 A study of the principles and strategies of direct and interactive marketing communication, including the writing and design of direct mail, telemarketing scripts, direct-response advertising, and digital media.

**COMS 357 *Public Relations Writing*** 3 hours  
 Prerequisites: COMS 110, 220, 234, 307; ARTS 222, 340  
 This course builds upon the news writing techniques taught in COMS 220 and COMS 234 and the principles of advertising and public relations taught in COMS 307, while orienting the student toward the types of written products generated by public relations professionals. This advanced course will refine a student's writing skills while playing close attention to the various formats such as press releases, media advisories, crisis plans, press kits, etc.

**COMS 360 *Professional Communication*** 3 hours  
 Prerequisite: COMS 101  
 This course will integrate principles of persuasive and informative speaking into professional contexts and will integrate written and oral communication through the preparation and delivery of formal presentation, both individually and corporately. The course emphasizes various types of presentations, and organizational communication functioning.

**COMS 365 *Worship Leadership as an Art of Communication*** 3 hours  
 (Offered spring semester)  
 The contemporary worship leader occupies a unique role in the local church and faces several challenges requiring successful communication. This course prepares the leader to meet such challenges through training in the practical arts and theories of communication. Students learn how relevant areas within intra-personal, interpersonal, small group, organizational, and public communication theory ought to be combined into a comprehensive art of worship leadership as they serve and guide others who aspire to worship God in spirit and truth. A special emphasis is placed

upon connecting issues of tradition and innovation to the communication practices of today's worship leader.

**COMS 367 *Public Relations Strategies*** 3 hours  
Prerequisites: COMS 110, 220, 234, 307, 357; ARTS 222, 340

A comprehensive study of public relations strategy, decision-making and program planning featuring a case-study approach to learning.

**COMS 369 *Chronicle 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.

**COMS 373 *Editorial and Opinion Writing*** 3 hours  
(Offered fall semester)

Prerequisites: COMS 110, 220 and completion of COMS 234 with a grade of C or better

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.

**COMS 374 *Magazine Writing and Editing*** 3 hours  
(Offered spring semester)

Prerequisites: COMS 110, 220, and 234

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.

**NOTE:** Although 1 credit per semester, students need 3 hours of a COMS practicum.

**COMS 385 *Avid Editing Practicum*** 1 hour

This course provides practical hands-on experience in the area of editing, specifically Avid editing. Students will gain experience in various styles and types of editing and production skills, as well as practical experiences in editing various types of projects.

**COMS 386 *Video Production Practicum (Around Liberty in 90 Seconds)*** 1 hour

Prerequisite: COMS 110, 220, 473

Implemented to accommodate the Chancellor's desire that *Around Liberty* be produced by Liberty University digital media students in the COMS 473 TV News Production course. An opportunity for students to gain practical experience in using the theoretical knowledge gained in other Communication Studies classes.

**COMS 387 *Forensic Practicum*** 1 hour

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.

**COMS 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.

**COMS 390 *Champion Practicum*** 1 hour

Prerequisites: COMS 110 and 220

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.)

**COMS 391 *Champion Advertising Design Practicum*** 1 hour  
Prerequisites: ARTS 222, either ARTS 332, 340 or 341, and ARTS 210

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.

**COMS 392 *Novice Radio Practicum*** 1 hour  
Prerequisites: COMS 101, 110, and 220

This course provides practical hands-on experience in the day to day operation of the radio station. Students will gain experience in on-air and production skills as well as an overview of broadcast programming and operations.

**COMS 393 *Television Practicum*** 1 hour  
Prerequisites: COMS 110, 220, 223 and 333

Practicum for broadcast-oriented students using on-campus TV facilities.

**COMS 394 *Advanced Radio Practicum*** 1 hour

Prerequisites: COMS 101, 110, 220, 223, 334, 392, and knowledge of how to use the audio equipment in the studio.

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.

**COMS 395 *Debate Practicum*** 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.

**COMS 396 *Radio (90.9 The Light) and TV (Channel 19)*** 1 hour

Advertising Sales Practicum

Prerequisite: COMS 220

A practical hands-on experience in raising support for noncommercial radio and TV through sales.

**COMS 397 *Advertising/PR Agency Practicum*** 1 hour

Prerequisites: COMS 110, 220, 307, ARTS 222 and either 340 or the set of ARTS 210, 332, 341

While priority will be given to Advertising/PR concentration students, this course is open as an elective to students majoring in Business Administration with the Marketing Cognate or to Sport Management majors.

Students will work in support of the Advertising and Public Relations agency operated in the Department of Communication Studies under the wing of the Advertising/PR concentration. Students must enroll in this class if they plan to compete in Ad Team or Public Relations Student Society of America (PRSSA) contests. This practicum gives students the experience needed prior to getting an internship or a job in advertising or public relations or marketing or management.

**COMS 398 *Scriptwriting for Visual Media Practicum*** 1 hour

Prerequisites: COMS 110, 220 and 323

Practicum in writing for visual media. Different genres will be addressed from semester to semester.

**COMS 399 *Ad Team*** 1 hour

Prerequisite: Permission of the instructor

**COMS 454 *Radio News Production*** 3 hours

Prerequisites: COMS 101, 110, 220, and 324

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.

**COMS 455 *Communication Theory*** 3 hours  
(Offered fall semester)  
Prerequisites: COMS 101 and 210  
A study of modern theories of communication with application to various contexts of speech communication.

**COMS 464 *Media Applications*** 3 hours  
This integrated studies course is for non-COMS majors or for Communication Studies majors who are not going to take COMS 472. This course is a practical study of the preparation of visual media: basic digital presentation tools, basic web design, and/or interactive multi-media. Students will develop the ability to research, analyze, and evaluate visual communication methods and to integrate technology within traditional disciplines.

**COMS 465 *Rhetorical Theory*** 3 hours  
(Offered spring semester)  
Prerequisites: COMS 101 and 210  
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.

**COMS 473 *TV News Production*** 3 hours  
Prerequisites: All majors: COMS 110, 220; Broadcast concentration: COMS 223, 333; Journalism concentration: COMS 101, 324, 454; Digital Media concentration: COMS 224, 225  
A study of the theory and practice of writing and preparing news copy and packages for TV broadcast.

**COMS 474 *Advanced Audio Production*** 3 hours  
(Offered spring semester)  
Prerequisites: COMS 101, 110, 220, 324 and 334  
Writing and production of dramatic and documentary programs for radio and Internet distribution. Portfolio development.

**COMS 475 *Criticism of Public Address*** 3 hours  
(Offered fall semester)  
Prerequisites: COMS 101 and 210  
The investigation of public address through historical and rhetorical critical methods. Focus on the development of competent critics through oral and written presentations.

**COMS 482 *Specialized Publications*** 3 hours  
(Offered spring semester)  
Prerequisites: COMS 110, 220, 234, 354; ARTS 222, 340  
A hands-on approach that allows students to experience the print publication process from the development of an idea through distribution. Students will be responsible for creating the content and design of a publication. Publication management principles will be studied including the costs of publishing, employee relations, logistics of deadlines and distribution, advertising and subscriptions. Portfolio preparation.

**COMS 483 *Advanced Video Production*** 3 hours  
(Offered spring semester)  
Prerequisites: All majors: COMS 110, 220, 323, 333; Broadcast concentration: COMS 223 Digital Media concentration: COMS 224 and 225  
Writing and production of dramatic and documentary programs for television and Internet distribution. Portfolio development.

**COMS 484 *Communication Law and Ethics*** 3 hours  
Prerequisites: Junior status and ENGL 101  
A study of the historical development and present status of U.S. Communication law and FCC regulations as well as contemporary codes of media ethics.

**COMS 485 *Investigative Reporting*** 3 hours  
(Offered spring semester)  
Prerequisites: COMS 110, 220, 234, and 354  
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.

**COMS 486 *Media Bias*** 3 hours  
An examination of manipulation and bias in mainstream American media. This course provides students with the New Media exposure necessary to combat the social engineering of mainstream journalism, thereby contributing to a more vibrant and balance national dialogue.

**COMS 488 *Survey of Media Business Practices*** 3 hours  
(Offered spring semester)  
Prerequisite: Senior status  
This course is designed to give the student an understanding of the many tasks and duties involved in a media production or delivery business. This will be accomplished via lectures, discussion, individual case study assignments, and, if possible, guest lecturers.

**COMS 489 *Communication Campaigns*** 3 hours  
Prerequisites: COMS 110, 220, 234, 307, and either 346 and 356, or 357 and 367; ARTS 222, 340, or permission from the instructor.

An in-depth study of the research, planning, development and message creation for complete multi-media communications campaigns, integrating all marketing promotion techniques including advertising, public relations, direct marketing and sales promotions.

**COMS 490 *Crisis Communication*** 3 hours  
Prerequisite: Senior status  
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.

**COMS 495 *Directed Research*** 1-3 hours  
Prerequisite: As determined by the instructor

**COMS 496 *Workshop in Communication*** 1-3 hours  
Prerequisite: As determined by the instructor

**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.

**COMS 498 *Senior Portfolio*** 3 hours  
Prerequisites: Senior status and permission of instructor

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.

**COMS 499 *Internship*** 1-6 hours  
Prerequisites: Junior or Senior status and required GPA; not more than one (1) CSER behind.

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.

### 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/ BMIS 310 Web Architecture and Development** 3 hours

Prerequisite: BMIS 208 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/ BMIS 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.

**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

Prerequisite: CSCI/BMIS 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; 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 Interaction** 3 hours

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. (Formerly ENGS 375).

**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 course is the final capstone course that focuses on Internet technologies. The student will work in teams in the programming Internet technologies projects. 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.

**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.

**ECONOMICS**

(Formerly ECNC)

**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** *Collaboration in Special Education* 2 hours

Prerequisites: EDUC 220 or PSYC 345; EDSP 323 (can be taken concurrently) to be taken concurrently with EDSP 364 or 365

This course will prepare special educators for planning with general educators for determining strategies that promote successful integration of children with disabilities into the general classroom.

**EDSP 364** *Collaboration in Special Education 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 classroom setting of students with learning disabilities and emotional disorders.

**EDSP 365** *Collaboration 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 special education community setting of individuals with learning disabilities and emotional disorders.

**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 Teacher Licensure 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 (Secondary)* 2 hours

Prerequisites: EDUC 125 (*may be taken concurrently*)

This course is designed to prepare teacher candidates training for secondary level teaching in developing differentiated teaching and learning strategies for the reading, thinking, and study skills required in secondary subject 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 Teacher Licensure 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 *Instructional Design: Secondary*** 1 hour

Prerequisites: EDUC 125\*, 220 or 221\*, admission to Teacher Licensure 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. Field experience required.

**EDUC 236 *Instructional Design Practicum: Secondary*** 2 hours

Prerequisite: Admission to Teacher Licensure Program; to be taken concurrently with EDUC 235

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. Field experience required.

**EDUC 240 *Introduction to Applied Educational Technology Practicum*** 2 hours

Prerequisites: 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 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Teacher Licensure 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 Secondary Teaching Methods** 2 hours  
(Offered fall semester only)  
Prerequisites: Admission to Teacher Licensure Program; EDUC 235/236  
Secondary Teaching Methods is a generic course. Teacher candidates will be expected to meet competencies associated with effective teaching, 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 Secondary Teaching Methods Practicum** 1 hour  
(Offered fall semester only)  
Prerequisite: Admission to Teacher Licensure 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 Secondary Measurement and Evaluation** 3 hours  
Prerequisite: Admission to Teacher Licensure 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 Secondary Curriculum Fundamentals** 2 hours  
Prerequisite: Admission to Teacher Licensure Program; EDUC 235/236; to be taken concurrently with EDUC 436  
Curriculum defines the motivation for programs and instruction used in teaching. Secondary 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 Secondary Curriculum Fundamentals Practicum** 1 hour  
Prerequisite: Admission to Teacher Licensure Program; EDUC 235/236; to be taken concurrently with EDUC 435

Experiences in demonstrating and evaluating 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. Prerequisite: ELTC 201.

**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**

**ENGC 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.

**ENGC 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.

**ENGC 401 Micro Computer Design** 3 hours  
Prerequisite: ENGC 301 with a minimum grade of “C”

Topics presented in ENGC 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.

**ENGC 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.

**ENGC 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.

**ENGC 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 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.

**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 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)

**ENGE 495 Directed Research** 1-6 hours

Prerequisites: 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.

**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; 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: \*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 and ENGR 210; 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: 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 495 Directed Research** 1-6 hours

Prerequisite: Written permission of the chairman of the department in area of concentration and consent of instructor

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.

**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

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.

**NOTE: Prerequisites for all further English courses include ENGL 101, 102 and the general education course in literature.**

### **ENGL 303 *English Romanticism*** 3 hours

A history of the romantic movement in England; a study of some prose and a particular emphasis upon the major poetry. Research paper required.

### **ENGL 310 *Children’s Literature*** 3 hours

A critical interpretation of literature for children and young adults. Research paper required.

### **ENGL 311 *The English Novel*** 3 hours

A study of the technique and historical development of the novel of England from its beginning to the close of the 19th century. 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 321 *Victorian Period*** 3 hours

A study of the poetry and non-fictional prose published between 1830 and 1900. 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 339 *Early American Literature*** 3 hours

A study of the major writers in the period 1620-1800, such as: Bradstreet, Edwards, Taylor, Franklin, Jefferson and others. Research paper required.

### **ENGL 340 *The American Renaissance*** 3 hours

A study of the major writers of the American Renaissance: Hawthorne, Melville, Emerson, Thoreau and others. Research paper required.

### **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 342 *The American Novel*** 3 hours

A study of the major trends in the novel in America from its beginnings to the close of the 19th century. Research paper required.

### **ENGL 344 *American Modernism*** 3 hours

This course will focus on American literature during the period between the World Wars (1914-1945) with a special emphasis on the Modernism movement. Research paper required.

### **ENGL 347 *Southern Renaissance*** 3 hours

This course will be a study of the works of the period of American Literature which has been labeled the Southern Renaissance, covering Southern writers from the mid 1920s through the early 1960s. 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 351 *Creative Writing: Poetry*** 3 hours  
Instruction in the fundamentals of writing the modern poem with emphasis on theme, imagery, figurative language and other devices. Weekly writing assignments and individual analyses are assigned.
- ENGL 352 *Creative Writing: Fiction*** 3 hours  
Instruction in the fundamentals of writing the modern short story with emphasis on theme, plot, characterization, scene setting and dialogue. Weekly writing assignments and individual analyses are required.
- ENGL 360 *Christian Fantasy Literature*** 3 hours  
This course provides a critical interpretation of Christian fantasy literature. Students will read selected texts by Christian writers from the 19<sup>th</sup> through the 21<sup>st</sup> centuries, making application to the struggle between good and evil. Research paper required.
- 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 400 *Seminar in Literature*** 3 hours  
A study of selected works or authors, providing the student an opportunity to enrich his knowledge and appreciation of literature and to study its relationship to the ideas and problems of life. Research paper required.
- ENGL 401 *Seminar in Writing*** 3 hours  
A study of selected masterful styles of writing as background for the development of one's own style.
- ENGL 402 *Modern Novel*** 3 hours  
A study of major trends in the American, English and continental novel from 1900, with special emphasis upon the novel as a literary and artistic form. Research paper required.
- ENGL 403 *Milton*** 3 hours  
A study of Milton's poetry and major prose with attention also given to the relevant historical and biographical contexts and to the major 20th century critical statements. 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 410 *Classical Epic*** 3 hours  
A study of *The Iliad* and *The Odyssey* of Homer and *The Aeneid* of Virgil.
- ENGL 419 *Methods and Materials in the Teaching of English*** 2 hours  
Prerequisite: Admission to Teacher Licensure 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 422 *Modern Drama*** 3 hours  
Extensive reading in modern drama beginning with the works of Ibsen. Research paper required.
- ENGL 432 *Modern Poetry*** 3 hours  
A survey of contemporary American and British poetry with particular emphasis upon the various aspects of the poetic movement of the present. Research paper required.
- 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 437 *African-American Literature*** 3 hours  
The course is a study of selected works of African-American literature, including prose, poetry, and drama, from the 17th century through the present (including the vernacular tradition) introducing students to the cultural, historical, and literary contexts of African-American literature. Research paper required.
- ENGL 438 *Women's Literature*** 3 hours  
This course is a survey of works written by women from the medieval period through the present, with an emphasis on women writers of Western civilization. The literary genres covered include a broad range of literary forms: devotional literature, essay, epistle, public address, poetry, non-fiction narrative, short story, and the novel. 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 443 *Elizabethan Literature*** 3 hours  
A study of the representative writers of the English Renaissance from More to Jonson with special emphasis on the Christian humanists. Research paper required.
- ENGL 452 *Chaucer*** 3 hours  
A study of the *Canterbury Tales* and some of the shorter poems of Chaucer. Research paper required.
- ENGL 456 *Advanced Studies in World Literature*** 3 hours  
The course provides an examination of some of the world's literary masterpieces from antiquity to the modern day with particular emphasis on those with superb English versions. The course encourages interdisciplinary research in historical, sociological, anthropological, psychological, religious, and literary studies in the scrutiny of these diverse literary works. 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.
- 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 463 *Seventeenth Century English Literature*** 3 hours  
A study of the principal writers of the 17th century, other than Milton. Research paper required.



**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.

**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 270 Technical Writing for Engineers** 3 hours

Prerequisite: ENGL 102 or MUSC 200, and COMS 101; minimum grade of “C”

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. (Formerly ENGR 101)

**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 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 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 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.

**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 207 or ENVR 215 or 320 with a grade of “C” or better

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.

### 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

Prerequisites: EXSC 310, First Aid and CPR Certification and Junior status

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 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: 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: 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: 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: 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: 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

Prerequisite: 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/Co-requisites: Exercise Science major; EXSC 433, 460, and Senior status

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: 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 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.

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**

**NOTE: FACS 103 is a prerequisite for all other FACS courses.**

**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 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 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  
(4 hours lecture; 2 hours lab)

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 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 325 *Psycho-Social Aspects of Clothing*** 3 hours  
 Study of the cultural, social, economic, psychological and physical factors which influence clothing decisions.

**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 365 *Daycare Administration*** 3 hours  
 Prerequisite: FACS 260  
 Functions and responsibilities involved in developing and implementing daycare programs for children and adults.

**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 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 425 *Design and Construction II*** 3 hours  
 (4 hours lecture; 2 hours lab)  
 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 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 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.

**NEW STUDENT SEMINAR**

**FRSM 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.

**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  
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 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 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 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 489 *Field Practicum*** 3 hours

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. Extra costs above tuition and fees apply.



**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 elementary level. Extensive aural/oral practice will occur in the classroom and in the language laboratory.

**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 Twentieth Century 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, or 222  
 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 310** *American Colonial History* 3 hours  
 Prerequisite: HIUS 221  
 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  
 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  
 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  
 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: Three hours of American History Survey  
 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 or 222  
 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  
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  
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, Ethnic, 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 or 222  
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 or 222  
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 19th century; revolutionary trends in the 20th century. (Formerly HIWD 472)
- 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  
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  
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

Prerequisite: Junior/Senior status or consent of instructor

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

(Offered spring semester)

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.

**HUMANITIES**

**HUMN 101 Humanities in 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.

**HUMN 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.

**HUMN 495 Directed Research** 1 to 3 hours

**HUMN 497 Special Topics in Humanities** 1 to 3 hours

**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 Career 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.

**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.

**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 110, 480+ on SAT Math, or 19+ 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** 2 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 BUSI 230** 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.

**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 Teacher Licensure 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. (Formerly CLST 100)

**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.

**MUSC 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.**

**MUSC 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)

**MUSC 121 Voice (Freshman)** 1 or 3 hours  
Private lessons in singing, based on department policies. Admission by audition. (Formerly WMUS 125)

**MUSC 122 Voice (Freshman)** 1 or 3 hours  
Prerequisite: MUSC 121  
Continuation of MUSC 121, private lessons in singing, based on department policies.

**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 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)

**MUSC 192 *Percussion Ensemble I*** 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.

**MUSC 193 *Chamber Music Ensemble I*** 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.

**MUSC 194 *Wind Ensemble I*** 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.

**MUSC 200 *Music, Art, Worship and Culture*** 3 hours

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)

**MUSC 201 *Creative Worship*** 3 hours

Prerequisite: MUSC 200.

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)

**MUSC 202 *Old and New Testament*** 3 hours

***Music and Worship***

(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)

**MUSC 203 *Commercial Music Theory and*** 2 hours

***Harmonic Practices I***

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)

**MUSC 204 *Commercial Music Theory and*** 2 hours

***Harmonic Practices II***

(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)

**MUSC 205 *Chromatic Harmony*** 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.

**MUSC 206 *Chromatic Harmony II*** 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.

**MUSC 207 *Muscianship III*** 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)

**MUSC 208 *Muscianship IV*** 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)

**MUSC 210 *Introduction to Music Education*** 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.

**MUSC 213 *Survey of Popular and Jazz. Music*** 3 hours

***Literature***

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.

**MUSC 220 Group Voice II** 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)

**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 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 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, string 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 330 *Music Technology I: Notation*** 2 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 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 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 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 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 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 resources 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.

<p><b>MUSC 407 <i>Solo Vocal Literature</i></b> 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)</p> <p><b>MUSC 408 <i>Vocal Pedagogy</i></b> 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.</p> <p><b>MUSC 411 <i>Marching Band Techniques</i></b> 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.</p> <p><b>MUSC 420 <i>Group Voice IV</i></b> 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)</p> <p><b>MUSC 421 <i>Voice (Senior)</i></b> 1 or 3 hours Prerequisite: MUSC 322 Continuation of MUSC 322, private lessons in singing, based on department policies. May be repeated as needed.</p> <p><b>MUSC 422 <i>Voice (Senior)</i></b> 1 or 3 hours Prerequisite: MUSC 421 Continuation of MUSC 421, private lessons in singing, based on department policies. May be repeated as needed.</p> <p><b>MUSC 423 <i>Congregational Contextualization and Leadership</i></b> 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)</p> <p><b>MUSC 436 <i>Christian Music Industry Seminar</i></b> 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)</p> <p><b>MUSC 437 <i>Elementary Music Methods and Materials</i></b> 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.</p>	<p><b>MUSC 438 <i>Elementary Music Methods and Materials Practicum</i></b> 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.</p> <p><b>MUSC 440 <i>Ethnic Music Seminar</i></b> 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)</p> <p><b>MUSC 441 <i>Private Piano (Senior)</i></b> 1 or 3 hours Prerequisite: MUSC 342 Continuation of private lessons in piano or organ, based on department policies. (Formerly WMUS 445)</p> <p><b>MUSC 442 <i>Private Piano (Senior)</i></b> 1 or 3 hours Prerequisite: MUSC 441 Continuation of private lessons in piano or organ, based on department policies. May be repeated as needed.</p> <p><b>MUSC 450 <i>Group Guitar IV</i></b> 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)</p> <p><b>MUSC 451 <i>Guitar, Strings, Brass, Woodwinds Percussion (Senior)</i></b> 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)</p> <p><b>MUSC 452 <i>Guitar, Strings, Brass, Woodwinds Percussion (Senior)</i></b> 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.</p> <p><b>MUSC 470 <i>Opera Workshop I: Opera Production</i></b> 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.</p> <p><b>MUSC 471 <i>Opera Workshop II: Opera Scenes</i></b> 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.</p> <p><b>MUSC 477 <i>Guitar Pedagogy</i></b> 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</p>
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lessons. Students also survey proven pedagogical approaches to guitar instruction.

**MUSC 479 *Classical Guitar Ensemble II*** 1 hour  
Prerequisite: Two semesters of MUSC 179  
Continuation of MUSC 179.

**MUSC 480 *University Chorale II*** 1 hour  
Prerequisite: Two semesters of MUSC 180  
Continuation of MUSC 180.

**MUSC 481 *Concert Choir II*** 1 hour  
Prerequisite: Two semesters of MUSC 180, 181 and/or 182  
Continuation of MUSC 181.

**MUSC 482 *Chamber Singers II*** 1 hour  
Prerequisite: Two semesters of MUSC 180, 181 and/or 182  
Continuation of MUSC 182.

**MUSC 483 *Jazz Ensemble II*** 1 hour  
Prerequisites: Fall Audition; 2 semesters of MUSC 183  
Continuation of MUSC 183.

**MUSC 484 *Marching Band II*** 1 hour  
Prerequisite: Two semesters of MUSC 184 and/or 185  
Continuation of MUSC 184.

**MUSC 485 *Symphony Orchestra II*** 1 hour  
Prerequisite: Two semesters of MUSC 184, 194, and/or 185  
Continuation of MUSC 185.

**MUSC 486 *Brass Choir II*** 1 hour  
Prerequisite: Two semesters of MUSC 186  
Continuation of MUSC 186.

**MUSC 487 *University Band II*** 1 hour  
Prerequisite: Two semesters of MUSC 187 or other major instrumental ensemble, such as MUSC 184 or 194  
Continuation of MUSC 187.

**MUSC 488 *Woodwind Choir II*** 1 hour  
Prerequisite: Two semesters of MUSC 188  
Continuation of MUSC 188.

**MUSC 489 *Supervised Praise and Worship Ensemble*** 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)

**MUSC 490 *Secondary Music Methods and Materials*** 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.

**MUSC 491 *Secondary Music Methods and Materials Practicum*** 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.

**MUSC 492 *Percussion Ensemble II*** 1 hour  
Prerequisite: Two semesters in MUSC 192  
Continuation of MUSC 192.

**MUSC 493 *Chamber Music Ensemble II*** 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 spring 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.

## 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

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 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  
(2 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 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 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 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, or 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: PSYC 101 or 210 and 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 101 or 210; PSYC 354; and 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: None

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, co-morbid 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 or 210 or SOCI 200, and 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.

**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 *Officiating in Athletics*** 2 hours

(Offered in spring semester)

A study of rules, game procedures, methods and practice in officiating athletic activities.

**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

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 Human Services* 3 hours

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 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 Teacher Licensure 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.

**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 Teacher Licensure 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 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.

**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.

<p><b>THEA 260 <i>Introduction to Theatrical Design</i></b> 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.</p> <p><b>THEA 299 <i>Internship</i></b> 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.</p> <p><b>THEA 300 <i>Play Production II</i></b> 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.</p> <p><b>THEA 310 <i>Acting II</i></b> 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.</p> <p><b>THEA 312 <i>Script Analysis</i></b> 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.</p> <p><b>THEA 320 <i>Directing</i></b> 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.</p> <p><b>THEA 340 <i>Makeup Design</i></b> 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.</p> <p><b>THEA 350 <i>Writing for the Stage</i></b> 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.</p> <p><b>THEA 352 <i>Writing for Church Drama</i></b> 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.</p> <p><b>THEA 360 <i>Costume Design</i></b> 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.</p> <p><b>THEA 370 <i>Scenic Design</i></b> 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.</p>	<p><b>THEA 380 <i>Lighting Design</i></b> 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.</p> <p><b>THEA 390 <i>Stage Accents</i></b> 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.</p> <p><b>THEA 400 <i>Play Production III</i></b> 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.</p> <p><b>THEA 410 <i>Drama in the Church: History and Practice</i></b> 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.</p> <p><b>THEA 411 <i>Stage and Theater Management</i></b> 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.</p> <p><b>THEA 420 <i>Acting III</i></b> 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.</p> <p><b>THEA 422 <i>Classical Acting</i></b> 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.</p> <p><b>THEA 440 <i>Stage Movement</i></b> 3 hours (Offered fall semester) Prerequisites: THEA 220, 310, successful completion of Sophomore Hearing An advanced acting workshop concentrating on movement peculiar to this genre, specifically for movement concentrated performances in musical theatre and Shakespeare.</p> <p><b>THEA 450 <i>Musical Theatre Performance</i></b> 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.</p> <p><b>THEA 460 <i>Advanced Musical Theatre Performance</i></b> 3 hours (Offered spring semester, even-numbered years) Prerequisites: THEA 211 or 212, 220, 250, 310, 420, 450, successful completion of Sophomore Hearing</p>
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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: THEA 211 or 212, 220, 250, 310, 312; successful completion of Sophomore Hearing

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, 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 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 Ecclesiology** 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 495 Directed Research** 1 to 3 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.

## WOMENS 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  
Prerequisites: Junior/Senior 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 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 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 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/Senior 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.

### 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.

### ARTS

**ARTS 222 Desktop Publishing** 3 hours

The ability to type and knowledge of the computer keyboard is required. Desktop publishing skills and/or topics including a brief history of typography and printing; theory, principles, and procedures of typography; rudimentary design principles; page layout software features that specify type, format style sheets, design grid, tool palettes, permit modification of graphics and text files. Production of desktop publishing projects, including simple Components generated either by replication or by creation. Acquisition of a working knowledge of a professional page layout Program. Introductory use of a scanner.

**ARTS 351 Digital Imaging** 3 hours

Prerequisite: ARTS 222

Importing digitized images into the computer via a scanner, a digital camera, or the Internet. Then modifying the digitized art and preparing it for electronic media or the printed page through electronic re-press techniques, such as black and white t1 targeting; color corrections; rotating, scaling, and cropping photographs; retouching; selecting color models; making color separations; and trapping. Training in a professional image-editing program.

**ARTS 472 Interactive Multimedia** 3 hours

Prerequisites: ARTS 351

Study of both visual media design concepts and site management for web development. Practical experience in the preparation of digital materials on the development of standards to evaluate the presentation of information with these tools. Training in industry-standard digital media and multimedia authoring programs guided by principles of design, including graphic design and user interface design.

**ARTS 473 2D/3D Graphics and Animation** 3 hours

Prerequisites: ARTS 351

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, characters, and environments. Advanced training in industry standard 2D and 3D programs guided by principles of design.

**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.

### 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 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.

**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*

Prerequisites: 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)

**BMIS 208 Application Programming** 3 hours  
Prerequisite: (BMIS 200 or CSCI 110) and BUSI 201; minimum grade of “C”

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; 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; 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 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  
Prerequisites: BMIS 200 or CSCI 110; minimum grade of “C”

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  
Prerequisites: BMIS 208 with a minimum grade of “C” and (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  
Prerequisite: BMIS 330

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 CSCI 111

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/ BUSI 405 Business and Economic Forecasting** 3 hours

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

Prerequisites: 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

Prerequisites: 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 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 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 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

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 of 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 retiree 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 or permission of professor

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 or permission of professor

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 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 413 Foundations of Project Management** 3 hours

Prerequisite: BUSI 310 or consent of instructor

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.

**BUSI 414 Project Management I** 3 hours

Prerequisite: BUSI 413

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 413

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 413

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/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. (Formerly ISYS 340)

**BUSI 420 *Investments*** 3 hours  
Prerequisites: BUSI 320 or consent of instructor

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*** 3 hours  
***/Employee Benefits***

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 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 Entrepreneurship*** 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

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

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

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 464 *International Market Integration and Trade Agreements*** 3 hours

Prerequisite: BUSI 303 or permission of professor

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 or permission of professor

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.

**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 CEST 101 and 102.

**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.

**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 exegesis 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.

**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 America 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 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 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

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 110** *Introduction to Mass Communication* 3 hours

An overview of the role of print and electronic media in the dissemination of information to a mass audience.

**COMS 220** *Mass Communication Writing* 3 hours

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.

**COMS 307** *Principles of Advertising and Public Relations* 3 hours

Prerequisite: COMS 110

This survey course examines the principles and theory of both Public Relations and Advertising to help the student better recognize in which discipline he or she is better suited. Special emphasis will be given to the theory and practices, while less time is devoted to the actual production (writing) of advertising and public relations communications.

**COMS 345** *Persuasion* 3 hours

Analysis and practice of techniques used to change attitudes, beliefs, and behavior in various communication contexts.

**COMS 356** *Direct Marketing Communication* 3 hours

Prerequisites: COMS 110, 220 and 307

A study of the principles and strategies of direct and interactive marketing communication, including the writing and design of direct mail, telemarketing scripts, direct-response advertising, and digital media.

## CRISIS COUNSELING

**CRIS 302** *Foundational Principles of Crisis Response* 3 hours

Prerequisites: 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

Prerequisites: 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 Disasters: 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, the 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

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. (Fall 2014)

**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. (Fall 2014)

**CSCI 351 *Information Security Planning*** 3 hours

Prerequisite: CSCI/BMIS 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; cryptography.

**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. (Fall 2014)

**CSCI 416 *AITE Capstone*** 3 hours

Prerequisites: CSCI 405; minimum grade of “C”

This course is the final capstone course that focuses on Internet technologies. The student will work in teams in the programming Internet technologies projects. The teams will give both written and oral presentations to their clients. (Fall 2014)

**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.

**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 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 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 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

Prerequisites: EDUC 205

A supervised field experience related to the field of education. May be repeated to a maximum of six hours.

**ENGLISH****ENGL 100 *Basic Composition*** 3 hours

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.

### 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.

### 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 207 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 207 or ENVR 215 or 320 with a grade of "C" or better

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.

### 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.

### 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

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 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. (Formerly ICST 338)

**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 220 American Government** 3 hours

The issues, interest and institutions of American politics, emphasizing the struggle between liberalism and conservatism.

**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 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 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. implementation strategies.

**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 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 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.

**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 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.

**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.

**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 252 *Drugs in Society*** 3 hours

An examination of alcohol, tobacco and other drugs effects upon individual, school and community.

**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 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.

**HUMANITIES**

**HUMN 101 *Humanities in 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.

**INDIVIDUALIZED/INTERDISCIPLINARY STUDIES**

**INDS 400 *Knowledge Synthesis for Career 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.

**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 learners' 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.

**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.

**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 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 a required intensive held on the Liberty University Campus.

**NURS 215 Pathophysiology** 3 hours

Prerequisite: BIOL 211; 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)

**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 101, 105, 115, 200, 210, 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 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 490 *Leadership/Management in Nursing*** 3 hours

Prerequisites: NURS 220; RN License in good standing

Health Care organizations and the leadership/ management skills required in various nursing care delivery systems are explored in this course. Emphasis is in the leadership roles of the nurse as an individual and a group member. While caring for groups of patients and individuals, students will explore a variety of nursing roles such as associate nurse, primary nurse, medication administrator and patient caregiver. 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 office practice 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 PLAW 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 of 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 or 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 including interviewing, preparing documents including Schedules for Chapter 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

Prerequisites: 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

Prerequisites: PLAW 350

This course is designed to assist you in gaining a broad understanding of employment law and legal issues that impact the workplace. Students will survey the various sources of employment law including federal and state law. 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 limited to, the hiring process, discrimination, wage and hour, benefits, freedom in the workplace, disability, discharge, and retirement.

**PLAW 405 Administrative Law** 3 hours

Prerequisites: 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

Prerequisites: 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 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 450 Leadership and Management of the Local Church** 3 hours

This course is designed to teach the student the basic organization necessary for an effective local church ministry. Emphasis is placed on the development of biblical management and leadership skills.

**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, 210, 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 or 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 or 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: PSYC 101 or 210 and 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

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 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 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 or 210 or SOCI 200, and 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 Seminar* 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.

**RELIGIOUS STUDIES****RLGN 489** *Religious Studies Capstone* 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.

**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.

**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)



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D. Phil., F.I.B.A.**

August 2005

*Distinguished Professor of Biblical Studies and Religion*

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October 2010

*Distinguished Professor of Church History and Intercultural Studies*

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May 2002

*Distinguished Professor of Evangelism*

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August 1994

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May 2003

*Distinguished Professor of History*

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May 1999

*Distinguished Professor of Systematic Theology*

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B.B.A., University of Chattanooga; M.B.A., Stanford University; Ph.D., University of Arkansas. 1991–2000

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B.B.A., M.B.A., Ph.D., Georgia State University. 1997–2004

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*Professor Emeritus*

B.S., M.Ed., Georgia State University; Ed.D., Liberty University. 1999–2004

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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

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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

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A.B., The College of Idaho; M.A., University of Southern California; Ph.D., Michigan State University. 1974–1993

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*Professor Emeritus of Education*

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*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

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A.D.N., Kellogg Community College; B.S.N., Liberty University; M.S.N., Ph.D., University of Virginia. 1989–2010

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*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., Lynchburg College. Ed.S., Lynchburg College, Th.M., The Southern Baptist Theological Seminary, D.Min., Liberty Baptist Theological Seminary. At LU from 1978-1994; 2012-present.

**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)

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*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.

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*Dean, Helms School of Government*

*Associate Professor of Government*

B.A., Northeast Louisiana University; M.A., J.D., Regent University. At LU since 2008.

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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.

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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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B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2010. (D)

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B.A., Tennessee Temple University; Th.M., Dallas Theological Seminary; D.Min., Gordon-Conwell Theological Seminary; Ph.D., University of Notre Dame. At LU since 2013.

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*Associate Professor of Digital Media and Communication Arts*

B.A., Asbury College; M.Div., M.A., Methodist Theological School in Ohio; Ed.D., Nova University. At LU since 1977.

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*Lecturer of Developmental Mathematics*

B.S., M.Ed., Liberty University. At LU since 2004.

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*Instructor of Philosophy*

B.S., M.A., Liberty University. At LU since 2009. (D)

**Amburgey, Stephen; B.S., M.A.R., M.R.E.**

*Assistant Professor of the Bruckner Learning Center*

B.S., Liberty University; M.A.R., M.R.E., Liberty Baptist Theological Seminary. At LU since 2000.

**Amos, Christopher; B.S., M.S.**

*Assistant Professor of Sport Management*

B.S., M.S. Liberty University; doctoral studies at United States Sports Academy. At LU since 2012.

**Anderson, Larry D.; B.A., M.A.B.S., M.Ed., Ph.D.**

*Professor of Psychology*

B.A., Azusa Pacific University; M.A.B.S., Dallas Theological Seminary; M.Ed., Ph.D., North Texas State University. At LU since 1988.

**Andrew, Lane; B.S., M.S., Ph.D.**

*Assistant Professor of Mathematics*

B.S., University of Colorado-Denver; M.S., University of Denver; Ph.D. University of Northern Colorado. At LU since 2007. (D)

**Angle, Michelle; B.S., M.S.**

*Instructor of Education*

B.S., Concord University; M.S., Longwood University. At LU since 2009. (D)

**Anthony, Joey T.; B.A., M.Div., D.Min.**

*Assistant Professor of Religion*

B.A., Bluefield College; M.Div., Southeastern Baptist Theological Seminary; D.Min., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Anthony, Kimberly; B.S., M.S.**

*Instructor of Business*

B.S., East Carolina University; M.S., Mary Baldwin College. At LU since 2010. (D)

**Arbo, Matthew B.; B.A., M.A., M.Th., Ph.D.**

*Assistant Professor of Philosophy*

B.A., M.A., Liberty University; M.Th., Ph.D., University of Edinburgh (UK). At LU since 2007. (D)

**Atwell, William; B.S., M.S.**

*Instructor of American Sign Language*

B.S., Tennessee Temple University; M.S., Lamar University. At LU since 2013.

**Aucoin, Brent J.; B.A., M.A., Ph.D.**

*Assistant Professor of History*

B.A., Louisiana State University; M.A., Miami University - Ohio; Ph.D., University of Arkansas. At LU since 2009. (D)

**Austin-Moore, Shanté; B.A., M.Ed., Ph.D.**

*Assistant Professor of Education*

B.A., University of Virginia; M.Ed., Regent University; Ph.D., Capella University. At LU since 2005.

**Ayres, Brenda; B.A., M.A., Ph.D.**

*Professor of English*

B.A., M.A., University of South Alabama; Ph.D., University of Southern Mississippi. At LU since 2003.

**Babb, Danielle; B.S., M.B.A., Ph.D.**

*Assistant Professor of Computational Sciences*

B.S., University of California at Riverside; M.B.A., University of Redlands; Ph.D., Capella University. At LU since 2006. (D)

**Babbitt, David; B.S., Th.M., Ed.D.**

*Assistant Professor of Religion*

B.S., Texas A&M University; Th.M., Dallas Theological Seminary; Ed.D., University of South Dakota. At LU since 2008. (D)

**Babcock, Michael; B.A., M.F.A., Ph.D.**

*Professor of Humanities*

B.A., M.F.A., University of North Carolina; Ph.D., University of Minnesota. At LU since 1997.

**Backert, Christopher J.; B.S., M.Div.**

*Instructor of Religion*

B.S., Philadelphia Biblical University; M.Div., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Bae, Kyung K.; B.S., M.S., Ph.D.**

*Associate Professor of Engineering*

B.S., Yonsei University, Seoul, South Korea; M.S., Ph.D., Virginia Polytechnic Institute and State University. At LU since 2007.

**Baggett, David; B.A., M.Div., Ph.D.**

*Professor of Philosophy*

B.A., University of Michigan, Dearborn; M.Div., Asbury Theological Seminary; Ph.D., Wayne State University. At LU since 2006.

**Baggett, Marybeth; B.S., M.A., Ph.D.**

*Associate Professor of English*

B.S., Liberty University; M.A. Longwood University; Ph.D. Indiana University of Pennsylvania. At LU since 2003.

**Bailess, Shelly D.; B.S., M.A.**

*Instructor of History*

B.S., M.A., Liberty University. At LU since 2011. (D)

**Baird, James; B.S., Th.M.**

*Instructor of Religion*

B.S., University of Oklahoma; Th.M., Dallas Theological Seminary. At LU since 2010. (D)

**Baker, Laura; B.S., M.S.**

*Instructor of Business*

B.S., Missouri State University; M.S., Regis University. At LU since 2010. (D)

**Baker, Steven E.; B.S., M.A.**

*Instructor of Psychology*

B.S., University of Maryland; M.A., Liberty University. At LU since 2009. (D)

**Baldwin, Tamara; B.S.N., M.S.N.**

*Instructor of Nursing*

B.S.N., Arkansas State University; M.S.N., University of Arkansas; doctoral studies at Liberty University. At LU since 2010. (D)

**Ballard, Jordan P.; B.S., M.Div., Th.M.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary; Th.M., Dallas Theological Seminary. At LU since 2009. (D)

**Bandy, Alan S.; B.A., M.Div.**

*Instructor of Religion*

B.A., Clear Creek Baptist Bible College; M.Div., Mid-America Baptist Theological Seminary. At LU since 2007. (D)

**Barber, J. Matt; B.S., M.A., J.D.**

*Assistant Professor of Paralegal Studies*

B.S., Colorado Christian University; M.A., J.D., Regent University. At LU since 2008. (D)

**Barclay, Timothy; B.S., M.A., Ph.D.**

*Associate Professor of Psychology*

B.S., M.A., Liberty University; Ph.D., Walden University. At LU since 2008.

**Barnes, Terry; B.A., M.A.**

*Instructor of Religion*

B.A., Rockhurst University; M.A., Calvin Theological Seminary. At LU since 2010. (D)

**Barnett, William L.; B.A., M.A.R., D.Min., Ph.D.**

*Assistant Professor of Religion*

B.A., Belmont University; M.A.R., Life Bible College; D.Min., Liberty Baptist Theological Seminary; Ph.D., New Orleans Baptist Theological Seminary. At LU since 2010. (D)

**Barrett, Perry; B.S., M.Ed.**

*Instructor of Business*

B.S., The Florida State University; M.Ed., Delta State University. At LU since 2007. (D)

**Beam, Andrea P.; B.S., M.A.T., Ed.S., Ed.D.**

*Director, Secondary Education*  
*Associate Professor of Education*

B.S., Old Dominion University; M.A.T., Norfolk State University; Ed.S., Ed.D., George Washington University. At LU since 2009.

**Beauchamp, Lance T.; B.A., M.Div.**

*Assistant Professor of Religion*

B.A., Stetson University; M.Div., New Orleans Baptist Theological Seminary. At LU since 2006. (D)

**Beavers, Lynnnda S.; B.A., M.A., Ph.D.**

*Associate Professor of Digital Media and Communication Arts*

B.A., Emory & Henry College; M.A., Ph.D., University of Kentucky. At LU since 1996.

**Beavers, Sean; B.M., M.M., D.M.**

*Chair, Department of Applied Music Studies*  
*Coordinator for Instrumental Program, School of Music*  
*Associate Professor of Music*

B.M., University of Texas at Austin; M.M.; D.M., Florida State University. At LU since 2007.

**Bebernitz, Holly; B.A., M.A.**

*Instructor of History*

B.A., Bob Jones University; M.A., University of North Florida. At LU since 2007. (D)

**Beck, Jennifer; B.S., M.Acc.**

*Instructor of Business*

B.S., University of West Florida; M.Acc., University of South Florida. At LU since 2007. (D)

**Beck, W. David; B.A., M.A., Ph.D.**

*Professor of Philosophy*

B.A., Houghton College; M.A., Trinity Evangelical Divinity School; Ph.D., Boston University; additional graduate study at the University of Rhode Island. At LU since 1978.

**Bell, Bruce K.; B.A., M.A., Ph.D.**

*Associate Dean, College of General Studies*  
*Professor of Business and Communication Studies*

B.A., M.A., Penn State; Ph.D., Walden University. At LU since 1996.

**Bell, James A.; B.S., M.S.A.**

*Instructor of Business*

B.S., M.S.A., University of South Alabama. At LU since 2011. (D)

**Bell, Kevin; B.S., M.B.A.**

*Instructor of Business*

B.S., York College of the City; M.B.A., Southeastern University. At LU since 2010. (D)

**Bell, Stephen J.; B.A., M.A.**

*Assistant Professor of English*

B.A., Wheaton College; M.A., University of Virginia; doctoral studies at Indiana University of Pennsylvania. At LU since 2007.

**Bellows, David D.; B.S., M.A.R.**

*Coordinator of Academic Success, Center for Academic Support and Advising Services*  
*Instructor of Education*

B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary. At LU since 2010.

**Bengds, Melissa D.; B.S., M.Ed.**

*Instructor of Education*

B.S., Winthrop University; M.Ed., University of Virginia. At LU since 2006. (D)

**Benkert, Todd A.; B.M., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.M., Belmont University; M.Div., Ph.D., Southern Baptist Theological Seminary. At LU since 2006. (D)

**Benoit, Debra; B.S., M.A., M.A.T.S., D.Min.**

*Assistant Professor of Family and Consumer Sciences*

B.S., Lynchburg Baptist College; M.A., Liberty University; M.A.T.S., D.Min., Liberty Baptist Theological Seminary. At LU since 2010.

**Bernard, Justin; B.S., M.A.R., M.R.E.**

*Instructor of Psychology*

B.S., Liberty University; M.A.R., M.R.E., Liberty Baptist Theological Seminary. At LU since 2010. (D)

**Bernard, Lindsay K.; B.S., M.A.R.**

*Instructor of Religion*

B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary. At LU since 2011. (D)

**Beveridge, Ruth; B.S., M.Ed.**

*Instructor of Education*

B.S., M.Ed., Liberty University. At LU since 2009. (D)

**Billingsley, Clyde C.; B.S., M.Div.**

*Instructor of Religion*

B.S., University of Tennessee; M.Div., Southwestern Baptist Theological Seminary. At LU since 2006. (D)

**Billingsley, Judy K.; B.A., M.R.E.**

*Instructor of Religion*

B.A., Wayland Baptist University; M.R.E., Southwestern Baptist Theological Seminary. At LU since 2006. (D)

**Black; Ellen Lowrie, B.S., M.Ed., Ed.D.**

*Professor of Education*

B.S., Eastern Mennonite University; M.Ed., East Texas State University; Ed.D. Temple University; additional graduate work at Harvard University Graduate School of Education. At LU from 1988-1999; 2005-present.

**Blais, Mark; B.A., B.S., D.P.M.**

*Professor of Biology*

B.A., Assumption College; B.S., D.P.M., Dr. William M. Scholl College of Podiatric Medicine and Surgery. At LU since 2006.

**Blank, Bradley; B.S., M.B.A., FAA COMM, INST, CFI, CFII, A&P**

*Assistant Professor of Aeronautics*

B.S., Clemson University; M.B.A., Liberty University. At LU since 2009.

**Blankenship, Stephanie; B.A., M.A.**

*Assistant Professor of Spanish*

B.A., M.A., Marshall University. At LU since 2006.

**Blosser, Phillip; B.S., M.S., Ph.D.**

*Associate Professor of Sport Management*

B.S., Liberty University; M.S., Baylor University; Ph.D., Virginia Polytechnic Institute and State University. At LU since 2002.



**Bonebright, Amy E.; B.S., M.A.**

*Assistant Professor of Digital Media and Communication Arts*  
B.S., Liberty University; M.A., Regent University. At LU since 2006.

**Boothe, Barbara A.; B.S., M.A., Ed.D.**

*Associate Professor of Psychology*  
B.S., M.A., Ed.D., Liberty University; additional graduate work at Lynchburg College and the University of Virginia. At LU since 1977.

**Borland, James A.; B.A., M.Div., Th.M., Th.D.**

*Professor of Biblical Studies and Theology*  
B.A., Los Angeles Baptist College; M.Div., Los Angeles Baptist Theological Seminary; Th.M., Talbot Theological Seminary; Th.D., Grace Theological Seminary. At LU since 1977.

**Boto, Julie E.; B.B.A., M.B.A.**

*Instructor of Business*  
B.B.A., Grand Canyon University; M.B.A., Pepperdine University. At LU since 2007. (D)

**Bouman, Timothy; B.A., M.A.**

*Instructor of Psychology*  
B.A., M.A., Liberty University. At LU since 2006. (D)

**Bowers, Stephen; B.S., M.A., Ph.D.**

*Professor of Government*  
B.S., M.A., Ph.D., University of Tennessee. At LU since 2006.

**Bowman, Paul J.; B.A., M.A.**

*Instructor of History*  
B.A., Lee University; M.A., University of Memphis. At LU since 2006. (D)

**Boyce, Jeffrey; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*  
B.S., Michigan Technical University; M.B.A., Ashland University; Ph.D., Capella University. At LU since 2007. (D)

**Bradshaw, L. Daniele; B.A., M.Ed., Ph.D.**

*Assistant Professor of Education*  
B.A., M.Ed., University of Florida; Ph.D., University of North Carolina. At LU since 2012.

**Bragg, Jack R.; B.S., M.A.**

*Instructor of Criminal Justice*  
B.S., M.A., University of Texas-Arlington. At LU since 2009. (D)

**Brasher, Neal; B.A., M.F.A.**

*Assistant Professor of Theatre Arts*  
B.A., Samford University; M.F.A., University of Alabama. At LU since 2004.

**Brennan, Michael S.; B.M., M.M., D.M.**

*Associate Professor of Worship and Guitar*  
B.M., M.M., California State University at Fullerton; D.M., Northwestern University. At LU since 2007.

**Brennan, Monica Rose; B.S., Adv. Cert., M.A.R., D.Min.**

*Director, Center for Women's Ministries*  
*Associate Professor of Women's Ministries*  
B.S., Wingate University; Adv. Cert., Southeastern Baptist Theological Seminary; M.A.R., D.Min., Liberty Baptist Theological Seminary. At LU since 2004.

**Brewster, Paul L.; B.A., M.Div., Ph.D.**

*Assistant Professor of Religion*  
B.A., University of Arkansas; M.Div., New Orleans Baptist Theological Seminary; Ph.D., Southeastern Baptist Theological Seminary. At LU since 2010. (D)

**Brickhill, Cherie; B.A., B.S.N., M.S.N., Ed.D.**

*Assistant Professor of Nursing*  
B.A., B.S.N., M.S.N., University of Virginia; Ed.D., Liberty University. At LU since 2009. (D)

**Bridge, Diane; R.N., B.S.N., M.S.N.**

*Assistant Professor of Nursing*  
B.S.N., Indiana University of Pennsylvania; M.S.N., University of Phoenix. At LU since 2008.

**Brigman, Craig; B.S., M.B.A.**

*Assistant Professor of Information Technology*  
B.S., University of Phoenix; M.B.A., Keller Graduate School of Management. At LU since 2013.

**Brindle, Wayne A.; B.A., Th.M., Th.D.**

*Professor of Biblical Studies*  
B.A., Kansas Wesleyan University; Th.M., Th.D., Dallas Theological Seminary. At LU since 1981.

**Brinkley, Thomas D.; B.A., M.Div.**

*Instructor of Religion*  
B.A., University of North Carolina; M.Div., Southeastern Baptist Theological Seminary. At LU since 2009. (D)

**Britt, Deanna C.; R.N., B.S.N., M.S.N., Ph.D.**

*Chair, Department of Nursing*  
*Professor of Nursing*  
R.N., Louise Obici School of Nursing; B.S.N., Liberty University; M.S.N., University of Virginia; Ph.D., Virginia Polytechnic and State University. At LU since 1987.

**Brooks, Page M.; B.S., Th.M., M.Div., Ph.D.**

*Assistant Professor of Religion*  
B.S., Auburn University; Th.M., M.Div., Ph.D., New Orleans Baptist Theological Seminary. At LU since 2006. (D)

**Brophy, Timothy R.; B.S., M.S., Ph.D.**

*Associate Professor of Biology*  
B.S., Liberty University; M.S., Marshall University; Ph.D., George Mason University. At LU since 2004.

**Brown, Aulton B.; B.A., M.Div.**

*Assistant Professor of Religion*  
B.A., Free Will Baptist Bible College; M.Div., Covenant Theological Seminary. At LU since 2009. (D)

**Brown, Corina; B.S., M.S., Ph.D.**

*Assistant Professor of Chemistry*  
B.S., Polytechnic Institute of Bucharest; M.S., Ph.D., University of Northern Colorado. At LU since 2013.

**Brown, Daniel; B.A.E., M.Div.**

*Instructor of Religion*  
B.A.E., North Carolina State University; M.Div., Southeastern Baptist Theological Seminary – Wake Forest, NC. At LU since 2012. (D)

**Brown, Daniel D.; B.S., ATC**

*Approved Clinical Preceptor*  
*Assistant Athletic Trainer*  
B.A., Western Carolina University. At LU since 2009.

**Brown, David A.; B.A., M.A.R., M.Div., D.Min.**

*Assistant Professor of Religion and Instructional Design*  
B.A., Baptist Bible College; M.A.R., M.Div., D.Min., Liberty Baptist Theological Seminary. At LU since 1996.

**Brown, Dudley E.; B.A., M.Div.**

*Instructor of Religion*  
B.S., Colorado State University; M.Div., Trinity International University. At LU since 2010. (D)

**Brown, Janet; B.S., M.A., Ph.D.**

*Associate Professor of Psychology*  
B.S., M.A., Ph.D., Liberty University. At LU since 2004.

**Brown, Janet K.; B.S., M.A.**

*Instructor of Psychology*  
B.S., M.A., Liberty University. At LU since 2010. (D)

**Brown, Philip G.; B.S., M.A.T.**

*Instructor of History*  
B.S., Phillips University; M.A.T., New Mexico State University. At LU since 2013. (D)

**Brown, Richard S.; B.S., M.A.R., D.Min.**

*Associate Professor of Youth Ministries*  
B.S., Liberty University; M.A.R., D.Min., Liberty Baptist Theological Seminary. At LU since 2003.

**Brown, Tammy K.; B.S., M.B.A.**

*Instructor of Business*  
B.S., M.B.A., Liberty University. At LU since 2009. (D)

**Brubaker, Eric; B.S., M.S., Ed.D.**

*Associate Chair, Department of Health Professions*  
*Director, Kinesiology Program*  
*Assistant Professor of Health Professions*  
B.S., Liberty University; M.S., Emporia State University; Ed.D., Liberty University. At LU since 2007.

**Bruce, Sally; B.S., M.A.**

*Instructor of Psychology*  
B.S., Slippery Rock University; M.A., Western Seminary. At LU since 2008. (D)

**Bruno, Heidi L.; B.S., M.S.A.**

*Instructor of Business*  
B.S., University of Florida; M.S.A., Florida Atlantic University. At LU since 2009. (D)

**Brunson, Kendrick; B.A., M.B.A., D.B.A.**

*Associate Professor of Business*  
B.A., Carson-Newman College; M.B.A., Wake Forest University; D.B.A., Northcentral University. At LU since 2006.

**Bryant, William D.; B.B.A., M.Div.**

*Instructor of Religion*  
B.B.A., Valdosta State College; M.Div., Southern Baptist Theological Seminary. At LU since 2010. (D)

**Buchanan, Joseph; A.A., M.Div., D.Min.**

*Assistant Professor of Religion*  
A.A., Eastern Gateway Community College; M.Div., D.Min., Liberty Baptist Theological Seminary. At LU since 2012. (D)

**Buck, Catherine; B.S., M.B.A.**

*Assistant Professor of Business Management Information Systems*  
B.S., M.B.A., Liberty University. At LU since 2008.

**Buck, Rick; Th.G., B.S., M.A.R., M.Div.**

*Assistant Professor of Biblical Studies*  
Th.G., Liberty Bible Institute; B.S., University of Wisconsin-Stevens Point; M.A.R., M.Div., Liberty Baptist Theological Seminary. At LU since 1992.

**Buckner, James R.; B.S., M.A.**

*Instructor of Criminal Justice*  
B.S., Middle Tennessee State University; M.A., Central Oklahoma State University. At LU since 2007. (D)

**Bullock, Renae; B.S., M.Ed.**

*Instructor of Biology*  
B.S., Liberty University; M.Ed., University of Maryland College Park. At LU since 2013.

**Bunker, Cindy; B.S., D.V.M.**

*Assistant Professor of Biology*  
B.S., Tennessee Technological University; D.V.M., Auburn University. At LU since 2009. (D)

**Burgess, Bradley N.; B.S., M.A.R.**

*Instructor of Religion*  
B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Burgess, Heather E.; B.S., M.S.**

*Instructor of Information Technology*  
B.S., Liberty University; M.S., Capella University. At LU since 2013. (D)

**Burroughs, Christopher D.; B.S., Th.M.**

*Instructor of Religion*  
B.S., Indiana State University; Th.M., Dallas Theological Seminary. At LU since 2010. (D)

**Butler, Christopher C.; B.S., M.Div., D.Min.**

*Assistant Professor of Religion*  
B.S., Western Kentucky University; M.Div., Luther Rice College and Seminary; D.Min., Midwestern Baptist College. At LU since 2009. (D)

**Butler, Joseph E.; B.S., M.Div.**

*Instructor of Religion*  
B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2008. (D)

**Buzzy, George; B.B.A., J.D.**

*Professor of Government*  
B.B.A., James Madison University; J.D., George Mason University School of Law. At LU since 2003.

**Cabellero, Betsey; B.S., M.Ed.**

*Instructor of Information Technology and Modern Languages*  
B.S., Liberty University; M.Ed., Regent University. At LU since 2012. (D)

**Calland, David R.; B.S., M.B.A., Ph.D.**

*Chair, School of Business*  
*Associate Professor of Business*  
B.S., M.B.A., Liberty University. Ph.D., Capella University. At LU since 2006.

**Campbell, John; B.B.A., M.Div., D.Min.**

*Assistant Professor of Religion*  
B.B.A., The College of William and Mary; M.Div., Southeastern Baptist Theological Seminary; D.Min., Luther Rice College and Seminary. At LU since 2006. (D)

**Campbell, Patricia; B.A., M.A.**

*Associate Professor of Music*

B.A., Lynchburg College; M.A., University of Maryland. At LU since 1985.

**Cannon, Stacy V.; B.A., M.F.A.**

*Assistant Professor of Studio and Digital Arts*

B.A., Coastal Carolina University; M.F.A., Radford University. At LU since 2006.

**Cargo, Sharon E.; B.S., M.S., D.V.M.**

*Assistant Professor of Biology*

B.S., Ohio State University; M.S., Institute for Creation Research; D.V.M., Ohio State University. At LU since 2009. (D)

**Carmody, Duane D.; B.A., M.Div.**

*Instructor of Religion*

B.A., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2009. (D)

**Carraway, George W.; B.A., Th.M., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.A., Southeastern College; Th.M., M.Div., Ph.D., Southern Baptist Theological Seminary. At LU since 2006. (D)

**Carrilho, Marlene; B.S., M.A.**

*Chair, Department of Psychology*

*Instructor of Psychology*

B.S., M.A., Liberty University; doctoral studies at Liberty University. At LU since 2011.

**Cartwright, John B.; B.S., M.A.R., M.Div.**

*Chair, School of Religion*

*Assistant Professor of Religion*

B.S., Liberty University; M.A.R., M.Div., Liberty Baptist Theological Seminary. At LU since 2010.

**Caruso, Suzanne F.; B.S., M.B.A, J.D.**

*Associate Dean for External Affairs, School of Law*

*Assistant Field Instructor*

*Assistant Professor of Paralegal Studies*

B.S., M.B.A., Liberty University; J.D., Liberty University School of Law. At LU since 2009.

**Castello, Franklin L.; B.A., Th.M., M.Div.**

*Instructor of Religion*

B.A., Appalachian Bible College; Th.M., M.Div., New Orleans Baptist Theological Seminary. At LU since 2009. (D)

**Chamberlin, Brandi J.; B.S., M.A.**

*Instructor of Psychology*

B.S., Liberty University; M.A., Cincinnati Christian University; doctoral candidate at Liberty University. At LU since 2008. (D)

**Chandler III, William T.; B.A., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.A., Western Kentucky University; M.Div., Ph.D., Southern Baptist Theological Seminary. At LU since 2006. (D)

**Chapman, William R.; B.S., M.R.E.**

*Instructor of Religion*

B.S., Liberty Baptist College; M.R.E., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Chavarria, Marlo; B.S., M.S.**

*Instructor of Business*

B.S., M.S., University of South Florida. At LU since 2010. (D)

**Chiarizzio, Kevin; B.M., M.M., D.M.A.**

*Associate Professor of Music*

B.M., University of Memphis; M.M., University of Illinois; D.M.A., University of Illinois. At LU since 2004.

**Chitwood, Benjamin; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Theological Seminary. At LU since 2007. (D)

**Chrisman, Rodney D.; B.B.A., J.D.**

*Professor of Law*

B.B.A., Eastern Kentucky University; J.D., University of Kentucky College of Law. At LU since 2005.

**Churchill, John P.; B.S., M.B.A.**

*Instructor of Business*

B.S., M.B.A., Indiana Wesleyan University. At LU since 2008. (D)

**Clark, Mendy; B.S., M.A.**

*Instructor of Psychology*

B.S., Randolph Macon College; M.A., Liberty University. At LU since 2007. (D)

**Clarke, Mary; B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.S.N., M.S.N., Liberty University. At LU since 2006.

**Claxton, Russ; B.S., M.Ed., Ed.S., Ed.D.**

*Chair, School of Education*

*Assistant Professor of Education*

B.S., Liberty University; M.Ed., West Georgia University; Ed.S., University of Georgia; Ed.D., Liberty University. At LU since 2009.

**Cleaver, Ken; B.A., Th.M., Ph.D.**

*Associate Professor of Church History and Theology*

B.A., Bryan College; Th.M., Dallas Theological Seminary; Ph.D., Trinity Evangelical Divinity School. At LU since 2005.

**Coates, Ardith; B.S., M.S., M.R.E.**

*Lecturer in English*

B.S., M.S., Jacksonville State University; M.R.E., New Orleans Baptist Seminary. At LU since 1997.

**Cobb, Kristi L.; B.S., M.A.**

*Instructor of Psychology*

B.S., Houghton College; M.A., Liberty University; doctoral studies at Liberty University. At LU since 2006. (D)

**Cobb, Michael A.; A.A.S., B.A., M.L.S., M.A.**

*Electronic Resources Librarian*

*Jerry Falwell Library*

A.A.S., Belleville Area College; B.A., Liberty University; M.L.S., University of Illinois Champaign-Urbana; M.A., Parkland College. At LU since 1995.

**Cobongs, Bitrus B.; B.A., M.Div., S.T.M.**

*Instructor of Religion*

B.A., JOS Evangelical Theological Seminary (Nigeria); M.Div., Nairobi International School of Theology (Kenya); S.T.M., Dallas Theological Seminary. At LU since 2010. (D)

**Cole, Juanita J.; B.S., M.S.W.**

*Assistant Professor of Psychology*

B.S., Liberty University; M.S.W., Florida International University. At LU since 1999.

**Coleman, Thomas Andrew; B.S., M.Ed.**

*Assistant Professor of Sport Management*  
B.S., M.Ed., Liberty University. At LU since 2010.

**Conner, Heather Jamaica; B.S., M.Ed.**

*Instructor of English*  
B.S., M.Ed., Liberty University. At LU since 2007. (D)

**Conner, Kevin W., B.S., M.A., M.Div.**

*Chair, Department of Psychology*  
*Instructor of Psychology*  
B.S., M.A., Liberty University; M.Div., Liberty Baptist Theological Seminary; doctoral candidate at Liberty University. At LU since 1999.

**Conner, Terrence; B.S., M.A.**

*Chair, School of Business*  
*Assistant Professor of Business*  
B.S., M.A., Liberty University. At LU since 2007.

**Cook, Ginny C.; B.S., M.S.**

*Instructor of Mathematics*  
B.S., State University of New York Stonybrook; M.S., North Carolina State University. At LU since 2008. (D)

**Cook, James S.; B.S., M.A., Ph.D.**

*Associate Professor of Mathematics*  
B.S., N.C. State University; M.A., State University of New York; Ph.D., N.C. State University. At LU since 2008.

**Cooper, Jessica A.; B.A., M.A.**

*Instructor of Psychology*  
B.A., Meredith College; M.A., Southeastern Baptist Theological Seminary; graduate studies at Liberty University. At LU since 2008. (D)

**Cooper, Linda Nell; B.S., M.A.**

*Chair, Department of Theatre Arts*  
*Associate Professor of Theatre Arts*  
B.S., Liberty University; M.A., Hollins University; doctoral candidate, University of Virginia; additional studies at the College of William & Mary. At LU since 1991.

**Cops, Jesse G.; B.A., ATC**

*Approved Clinical Preceptor*  
*Assistant Athletic Trainer*  
B.A., Azusa Pacific University. At LU since 2006.

**Corsini, Georgianna; B.S., M.A.**

*Instructor of Psychology*  
B.S., University of Georgia; M.A., Liberty University. At LU since 2008. (D)

**Corsini, Kevin; B.B.A., Th.M., Ph.D.**

*Administrative Dean for Graduate Programs*  
*Associate Professor of Counseling*  
B.B.A., University of Georgia; Th.M. Dallas Theological Seminary; Ph.D., Liberty University. At LU since 2006.

**Corum, Richard; B.A., M.S., D.B.A.**

*Assistant Professor of Business*  
B.A., College of St. Francis; M.S., National Louis University; D.B.A., Nova Southeastern University. At LU since 2006. (D)

**Cox, Joel; A.S., B.S., M.S., Ed.D.**

*Assistant Professor of Criminal Justice*  
A.S., B.S., Old Dominion University; M.S., Troy University; Ed.D., Nova Southeastern University. At LU since 2011.

**Cox, Kathryn; B.A., M.S.L.S.**

*Research Assistance Librarian*  
B.A., University of Richmond; M.S.L.S., Catholic University of America. At LU since 2005.

**Cox, Stuart; A.A.S., B.S., M.A.R., M.Div., D.Min.**

*Assistant Professor of Religion*  
A.A.S., Alamance Community College; B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary; M.Div., Liberty Baptist Theological Seminary; D.Min., Liberty Baptist Theological Seminary. At LU since 1990. (D)

**Cox, Trilby; B.S., M.A.**

*Instructor of Psychology*  
B.S., Mississippi College; M.A., University of California, Los Angeles. At LU since 2009. (D)

**Cramer, Gary; B.S., Th.M., D.Min.**

*Assistant Professor of Religion*  
B.S., Liberty University; Th.M., D.Min., Dallas Theological Seminary. At LU since 2012. (D)

**Crane, Erin R.; A.A., B.A., M.S.L.S.**

*Electronic Books Librarian*  
*Jerry Falwell Library*  
A.A., Northern Virginia Community College; B.A., University of Mary Washington; M.S.L.S., University of North Carolina. At LU since 2011.

**Crawford, Arthur; B.S., M.S., Ph.D**

*Assistant Professor of Psychology*  
B.S., University of Oklahoma; M.S., University of Nebraska; Ph.D., Colorado State University. At LU since 2011. (D)

**Curlee, Scotty; B.S., M.B.A.**

*Assistant Professor of Cinematic Arts*  
B.S., Liberty University; M.B.A., Averett University. At LU since 2012.

**Curran, Bonnie S.; B.S., M.A.**

*Instructor of Psychology*  
B.S., M.A., Liberty University. At LU since 2008. (D)

**Curran, Shaun; A.A., B.A., M.A.**

*Instructor of English and Information Technology*  
A.A., Bunker Hill Community College; B.A., University of Massachusetts, Boston; M.A., National University. At LU since 2010. (D)

**Curtis, Carl; B.A., M.A., Ph.D.**

*Professor of English*  
B.A., Texas A & M University; M.A., Ph.D., University of Dallas. At LU since 2001.

**Damon, Betty Melinda; B.S., M.A., Ed.S.**

*Assistant Professor of Voice and Commercial Music*  
B.S., Liberty University; M.A., Winthrop University; Ed.S., Liberty University; doctoral studies at Liberty University. At LU since 2013.

**Dantas, Timoteo; B.S., M.B.A.**

*Instructor of Business*  
B.S., M.B.A., Liberty University. At LU since 2010. (D)

**Daubert, Russell; B.A., M.A., Ed.D.**

*Assistant Professor of Religion*  
B.A., Cedarville College; M.A., University of Arkansas; Ed.D., Nova Southeastern University. At LU since 2010. (D)

**Davis, Don Cameron; B.F.A., M.F.A.**

*Associate Professor of Studio and Digital Arts*

B.F.A., Marshall University; M.F.A., Radford University. At LU since 1985.

**Davis, Michael A.; B.A., M.A., Ph.D.**

*Associate Professor of History*

B.A., University of Central Arkansas; M.A., University of Central Arkansas; Ph.D., University of Arkansas. At LU since 2005.

**Davis, Thomas N.; B.S., M.Div., Ed.D.**

*Assistant Professor of Religion*

B.S., Lancaster Bible College; M.Div., Grace Theological Seminary; Ed.D., Nova Southeastern University. At LU since 2009. (D)

**Davy, Randall D.; B.S., M.S., Ph.D.**

*Director of Chemistry*

*Professor of Chemistry*

B.S., Case Western Reserve University; M.S., Bowling Green State University; Ph.D., Texas A&M University. At LU since 1990.

**Day, Kimberly J.; B.S., M.L.S.**

*Resource Sharing Librarian*

*Jerry Falwell Library*

B.S., Liberty University; M.L.S., Southern Connecticut State University. At LU since 1987.

**Day, Oscar W.; B.A., M.Div.**

*Instructor of Religion*

B.A., Park University; M.Div., New Orleans Baptist Theological Seminary. At LU since 2009. (D)

**DeBoer, Jennifer L.; B.A., M.A., J.D.**

*Assistant Professor of Criminal Justice*

B.A., Hope College; M.A., University of Colorado; J.D., Valparaiso University School of Law. At LU since 2005. (D)

**Dempsey, Claudia E.; B.S., M.A., D.Min.**

*Assistant Professor of Religion*

B.S., Liberty University; M.A., D.Min., Regent University. At LU since 2010. (D)

**Deneen, Susan; B.S., M.A., Ed.S.**

*Instructor of Psychology*

B.S., Rhodes College; M.A., Ed.S., University of Memphis. At LU since 2007. (D)

**Detwiler, Charles R.; B.S., M.S., Ph.D.**

*Professor of Biology*

B.S., Houghton College; M.S., Bucknell University; Ph.D., Cornell University. At LU since 1991. (D)

**Dew, Jamie K.; B.S., M.Div., Ph.D.**

*Assistant Professor of Philosophy*

B.S., Toccoa Falls College; M.Div., Ph.D., Southeastern Baptist Theological Seminary. At LU since 2008. (D)

**Dewhurst, William A.; B.S., M.A.**

*Instructor of Communication Studies*

B.S., M.A., Liberty University. At LU since 2010. (D)

**DeWitt, David A.; B.S., Ph.D.**

*Chair, Department of Biology and Chemistry*

*Director, Center for Creation Studies*

*Professor of Biology*

B.S., Michigan State University; Ph.D., Case Western Reserve University. At LU since 1996.

**DeWitt, Kristina L.; B.S., M.Ed., Ed.D.**

*Assistant Professor of Education*

B.S., Mary Washington College; M.Ed., University of Mary Washington; Ed.D., George Mason University. At LU since 2009.

**Diffey, Daniel; B.A., M.Div.**

*Instructor of Religion*

B.A., University of Central Missouri; M.Div., Southern Baptist Theological Seminary. At LU since 2012.

**Dinsmore, David; B.S., M.E., Ed.D.**

*Professor of Mathematics/Physics*

B.S., U.S. Military Academy, West Point; M.E., University of California at Berkeley; Ed.D., Liberty University. At LU since 1998.

**Dixon, Mary M.; B.A., M.A., M.F.A.**

*Assistant Professor of English*

B.A., Hastings College; M.A., University of Nebraska-Lincoln; M.A., M.F.A., University of Notre Dame. At LU since 2006. (D)

**Dolan, Kristi; B.S., M.Ed.**

*Instructor of Mathematics*

B.S., Liberty University; M.Ed., University of Virginia. At LU since 2013. (D)

**Donahoo, David; B.S., M.S.**

*Dean, School of Engineering and Computational Sciences*

*Assistant Professor of Information Systems*

B.S., Wayland Baptist University; M.S., Air Force Institute of Technology. At LU since 2009.

**Donald, Donna; B.A., M.A.**

*Assistant Professor of History*

B.A., Liberty University; M.A., University of North Carolina, Greensboro; doctoral studies at George Mason University. At LU since 2001.

**Donovan, Sundi; B.S., M.A.**

*Assistant Professor of Psychology*

B.S., M.A., Liberty University. At LU since 2001.

**Donovan, Thomas W.; B.S., M.Div.**

*Instructor of Humanities*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Doran, Nicole E.; B.A., D.M.A.**

*Assistant Professor of Humanities*

B.A., D.M.A., Cincinnati College. At LU since 2007. (D)

**Douglass, Michelle D.; B.S., M.S.**

*Instructor of Biology*

B.S., Liberty University; M.S., University of Nebraska. At LU since 2009. (D)

**Dow, Virginia; B.A., M.A.**

*Instructor of English*

B.A., Cedarville University; M.A. Liberty University; doctoral studies at Indiana University of Pennsylvania. At LU since 2012.

**Downie, Rachel A.; B.A., M.A.**

*Instructor of English*

B.A., B.A., St. Vincent College; M.A., California University of Pennsylvania. At LU since 2010. (D)

**Drohn, Lucinda; A.B.A., B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.A., Cleary College; B.S.N., Liberty University; M.S.N., University of Texas Health Science Center. At LU since 2002.

**Duby, David; B.S., M.S., Ph.D., PMP**

*Chair, School of Business*

*Associate Professor of Business*

B.S., M.S., Pensacola Christian College; Ph.D., Regent University. At LU since 2005.

**Duck, Brandon M.; B.A., M.S., Ph.D.**

*Assistant Professor of Business*

B.A., University of Miami (Florida); M.S., Syracuse University; Ph.D., University of Central Florida. At LU since 2008. (D)

**Dudley, Stephen J.; B.S., M.A.**

*Instructor of Mathematics*

B.S., Liberty University; M.A., Western Governor's University. At LU since 2007. (D)

**Duff, Herbert W.; B.A., M.S.**

*Instructor of Criminal Justice*

B.A., Hampden Sydney College; M.S., Longwood University. At LU since 2006. (D)

**Dull, Jeffrey M.; B.S., M.S.L.S.**

*Liberty University Online Research Assistance Librarian*

*Jerry Falwell Library*

B.S., Liberty University; M.S.L.S., Clarion University. At LU since 1997.

**Dunn, Randall S.; B.A., M.Ed., Ed.D.**

*Director, Educational Technology*

*Assistant Professor of Education*

B.A., M.Ed., James Madison University; Ed.D., University of Bath, United Kingdom. At LU since 2005.

**Dunnagan, Amanda J.; B.A., M.A., Ed.D.**

*Assistant Professor of English*

B.A., University of Kentucky; M.A., Western Kentucky University; Ed.D., Argosy University. At LU since 2009. (D)

**Eaken, Stephen; B.S., M.D.**

*Assistant Professor of Exercise Science*

B.S., Geneva College; M.D., Temple University Medical School. At LU since 2013.

**Earley, Cathy, B.S., M.A.**

*Instructor of Psychology*

B.A., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2011. (D)

**Earley, Christopher; A.A., B.A., M.A.R., M.Div.**

*Instructor of Religion*

A.A., Campbell University; B.A., Saint Leo University; M.A.R., Liberty Baptist Theological Seminary, M.Div., Liberty Baptist Theological Seminary. At LU since 2010. (D)

**Earley, David B.; B.S., M.Div., D.Min.**

*Associate Professor of Pastoral Ministries*

B.S., Liberty University; M.Div., D.Min., Liberty Baptist Theological Seminary; additional doctoral studies at Asbury Theological Seminary. At LU since 2006. (D)

**Earls, Joshua R.; B.S., M.A.**

*Instructor of Religion*

B.S., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2009. (D)

**Edgell, David M.; B.A., M.Div.**

*Instructor of Religion*

B.A., Criswell College; M.Div., Southeastern Baptist Theological Seminary. At LU since 2010. (D)

**Edgerton, Angela; B.A., M.A.**

*Instructor of Psychology*

B.A., University of North Carolina, Wilmington; M.A., Liberty University. At LU since 2013. (D)

**Edginton (Vallillee), Vilma; B.S., M.S., Ph.D.**

*Assistant Professor of Business*

B.S., University of Guelph; M.S., Wayne State University; Ph.D., Claremont Graduate University. At LU since 2010. (D)

**Edman, Edward; B.F.A., M.A.**

*Associate Professor of Studio and Digital Arts*

B.F.A., University of Connecticut-Storrs; M.A., University of Baltimore. At LU since 2005.

**Ehrhorn, Scott; B.S., M.B.A.**

*Assistant Professor of Business*

B.S., United States Coast Guard Academy; M.B.A., University of Maryland; doctoral studies at Northcentral University. At LU since 2005.

**Ehrman, David; B.M., M.M.**

*Professor of Music*

*Keyboard Area Coordinator*

B.M., M.M., University of Cincinnati-Conservatory; additional graduate work at University of North Carolina. At LU from 1976–1992; 1993–present.

**Eiras, Michael; B.A., M.R.E., D.Min.**

*Assistant Professor of Religion*

B.A., Tennessee Temple University; M.R.E., Grand Rapids Theological Seminary; D.Min., Grand Rapids Theological Seminary. At LU since 2010. (D)

**Ellett, Tracy T.; M.A.**

*Instructor of Communication Studies*

M.A., Duquesne University. At LU since 2013. (D)

**Epps, Jason; B.S., B.S., M.Div., M.A., D.Min.**

*Assistant Professor of Religion*

B.S., Lee University; B.S., University of Utah; M.Div., Golden Gate Baptist Theological Seminary; M.A., Biola University; D.Min., Midwestern Baptist Theological Seminary. At LU since 2011. (D)

**Erickson, Robert; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., Embry-Riddle Aeronautical University; M.B.A., Baker College; Ph.D., Regent University. At LU since 2007. (D)

**Estes, Jon L.; B.A., M.Div.**

*Instructor of Religion*

B.A., Dallas Baptist University; M.Div., Southeastern Baptist Theological Seminary. At LU since 2010. (D)

**Etzel, Gabriel; B.S., M.A.R., M.Div., D.Min.**

*Associate Dean, School of Religion*

*Associate Professor of Religion*

B.S., Indiana Wesleyan University; M.A.R., M.Div., D.Min., Liberty Baptist Theological Seminary. At LU since 2004.

**Eubank, Terri; B.S.**

*Lecturer of Developmental Mathematics*

B.S., Liberty University. At LU since 2004.

**Ezzo, John A., Captain US Army (USAR); B.S.**

*Senior Military Science Instructor*

B.S., Liberty University. At LU since 2009.

**Faber, Timothy T.; B.A., M.Div., D.Min.**

*Assistant Professor of Religion*

B.A., Southwest Baptist University; M.Div., Luther Rice College and Seminary; D.Min., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Fabich, Andrew; B.S., Ph.D.**

*Assistant Professor of Biology*

B.S., The Ohio State University; Ph.D., University of Oklahoma. At LU since 2011.

**Fanning, Don; B.A., M.A., M.Div., D.Min.**

*Professor of Global Studies*

B.A., Bob Jones University; M.A., Pensacola Christian College; M.Div., Capital Bible Seminary; D.Min., Dallas Theological Seminary. At LU since 2001.

**Farver, Linda; B.S., M.Ed., D.A.**

*Professor of Health Professions*

B.S., Frostburg State University; M.Ed., D.A., Middle Tennessee State University; additional graduate work at University of Virginia. At LU 1977–2002; 2003–present.

**Ferdon, Gai; B.A., M.A., Ph.D.**

*Associate Professor of Government*

B.A., Indiana Wesleyan University; M.A., Regent University; Ph.D., University of Leicester. At LU since 2007.

**Fesmire, Thomas W.; B.A., M.A., M.L.I.S.**

*Head, Cataloging and Metadata Service*

*Jerry Falwell Library*

B.A., Wheaton College; M.A., Wheaton Graduate School; M.L.I.S., University of North Carolina. At LU since 1998.

**Finke, Barry; B.S., M.S., ATC**

*Approved Clinical Preceptor*

*Senior Assistant Athletic Trainer*

B.S., M.S., University of Tennessee-Chattanooga. At LU since 2006.

**Fischer, Kahlib J.; B.A., M.A., Ph.D.**

*Associate Professor of Government*

B.A., Oral Roberts University; M.A., Ph.D., Regent University. At LU since 2006.

**Fletcher, Van; B.A., M.A., M.F.A.**

*Associate Professor of Cinematic Arts*

B.A., M.A., Marshall University; M.F.A., Florida State University. At LU since 2013.

**Florence, Annette M.; B.S., M.P.H., Dr.P.H.**

*Director, Health Promotion Program*

*Associate Professor of Health Professions*

B.S., Michigan State University; M.P.H., Dr.P.H., Loma Linda University, School of Public Health. At LU since 2012.

**Florence, James E.; B.S., M.A., M.P.H., Dr.P.H., M.A.T.S.**

*Professor of Health Professions*

B.S., California Baptist College; M.A., M.P.H., Dr.P.H., Loma Linda University, School of Public Health; M.A.T.S., Southern Baptist Theological Seminary. At LU since 2012.

**Floyd, Kendra, B.S., M.S.A.**

*Instructor of Business*

B.S., M.S.A., Liberty University. At LU since 2009. (D)

**Foley, Chris; B.A., B.Ed., M.A., Ph.D.**

*Associate Professor of Modern Languages*

B.A., University of Saskatchewan; B.Ed., Le Collège Universitaire de Saint-Boniface; M.A., George Mason University; M.A., Ph.D., University of Manitoba. At LU since 1995.

**Foley, Ruth; B.A., B.Ed., M.M., D.M.A.**

*Associate Professor of Music*

A.R.C.T., University of Toronto; A.M.S., University of Saskatchewan; L.M.M., University of Manitoba; B.A., B.Ed., University of Winnipeg; M.M., University of North Dakota; D.M.A., University of Nebraska-Lincoln. At LU since 1992.

**Foreman, Mark W.; B.M.Ed., M.A.B.S., M.A., Ph.D.**

*Professor of Philosophy and Religion*

B.M.Ed., Westminster Choir College; M.A.B.S., Dallas Theological Seminary; M.A., Ph.D., University of Virginia. At LU since 1990.

**Foster, Richard N.; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Foust, Anne; B.S., M.L.S.**

*Cataloging Librarian*

*Jerry Falwell Library*

B.S., Baptist Bible College; M.L.S., State University of New York. At LU since 2007.

**Fowler, Donald L.; B.A., M.Div., Th.M., Th.D.**

*Professor of Biblical Studies*

B.A., Pillsbury Baptist Bible College; M.Div., Th.M., Th.D., Grace Theological Seminary. At LU since 1998.

**Fowler, Erica L.; B.S., M.A.**

*Instructor of Religion*

B.S., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Fox, Jeffery; B.L.S., M.S., M.B.A., Ph.D.**

*Assistant Professor of Criminal Justice*

B.L.S., Mary Washington College; M.S., Virginia Commonwealth University; M.B.A., Ph.D., Northcentral University. At LU since 2012. (D)

**Foy, Major Robert; US Army, B.A., M.A.**

*Instructor of Military Science*

B.A., Johnson State; M.A., Webster University. At LU since 2002.

**Francis, Joseph W.; B.S., Ph.D.**

*Assistant Professor of Mathematics*

B.S., Michigan State University; Ph.D., Wayne State University. At LU since 2007. (D)

**Franz, Gerald P.; B.A., M.A., M.Div., D.Min., Ph.D.**

*Assistant Professor of History*

B.A., The Citadel; M.A., State University of New York - Cortland; M.Div., Calvary Bible College; D.Min., Faith Evangelical Lutheran Seminary; Ph.D., Regent University. At LU since 2007. (D)

**Freyre, Fabio; B.S., M.A., Ed.D., D.Min.**

*Associate Professor of Psychology*

B.S., M.A., Liberty University; Ed.D., Argosy University; D.Min., Liberty Baptist Theological Seminary. At LU since 2003.

**Friberg, Brianne L.; B.S., M.S., Ph.D.**

*Assistant Professor of Psychology*

B.S., Mary Washington College; M.S., Ph.D., University of Wisconsin. At LU since 2010.

**Fritz, Sara; B.S., M.Ed.**

*Instructor of Education*

B.S., Liberty University; M.Ed., Lynchburg College. At LU since 2005. (D)

**Fuhr, Jessil B.; B.S., M.A.R.**

*Instructor of Religion*

B.S., Universidad Dr. Rafael Belloso Chacin (Venezuela); M.A.R., Liberty Baptist Theological Seminary. At LU since 2008. (D)

**Fuhr, R. Alan; B.A., M.A., M.Div., Th.M.**

*Director of Biblical Studies Programs*

*Associate Professor of Religion*

B.A., Appalachian Bible College; M.A., Multnomah Biblical Seminary; M.Div., Th.M., Liberty Baptist Theological Seminary. At LU since 2004.

**Fulp, Alan; B.S., M.A.R., Ph.D.**

*Associate Professor of Chemistry*

B.S., Western Carolina University; M.A.R., Liberty Baptist Theological Seminary; Ph.D., North Carolina State University. At LU since 2013.

**Fyock, James; B.A., M.A., Ed.D.**

*Assistant Professor of Education*

B.A., Texas A&M University; M.A., Central Michigan University; Ed.D., Liberty University. At LU since 2012. (D)

**Gadomski, Marilyn L.; A.B., M.A., Ph.D.**

*Professor of Psychology*

A.B., Marshall University; M.A., West Virginia College of Graduate Studies; Ph.D., Virginia Polytechnic Institute and State University. At LU since 1991.

**Gage, Matthew; B.S., M.S., Ph.D., ATC**

*Clinical Coordinator, Athletic Training Program*

*Associate Professor for Health Professions*

B.S., University of Northern Iowa; M.S., Eastern Kentucky University; Ph.D., Brigham Young University. At LU since 2012

**Galley, Benjamin; B.S., M.S., ATC, PES**

*Approved Clinical Preceptor*

*Assistant Athletic Trainer*

B.S., Liberty University; M.S. California University (PA). At LU since 2012.

**Garber, Christine; B.S., M.S.**

*Instructor of Mathematics*

B.S., Liberty University; M.S., James Madison University. At LU since 2011. (D)

**Garber, Paul K.; B.S., M.A.R., M.Div.**

*Instructor of Humanities*

B.S., Liberty University; M.A.R., M.Div., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Garzon, Mary; B.S., M.S., Ph.D.**

*Assistant Professor of Education*

B.S., M.S., Radford University; Ph.D., Jacksonville Theological Seminary. At LU since 2007. (D)

**Gaston, Aaron M.; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Gaumer, Christopher; B.A., M.F.A.**

*Assistant Professor of English*

B.A., Liberty University; M.F.A., Hamline University. At LU since 2009. (D)

**Gawinski, Barry; B.A., M.F.A.**

*Assistant Professor of Theatre Arts*

B.A., College of St. Scholastica; M.F.A., University of Wisconsin-Madison. At LU since 2012.

**Geffken, Andrew; B.S., M.F.A.**

*Assistant Professor of Theatre Arts*

B.A., Liberty University; M.F.A., Regent University. At LU since 2011.

**Gentry, Timothy M.; B.S., M.Div., D.Min.**

*Assistant Professor of Religion*

B.S., East Central University; M.Div., Southwestern Baptist Theological Seminary; D.Min., Golden Gate Baptist Theological Seminary. At LU since 2009. (D)

**George, John; B.S., M.A., M.B.A., Ph.D.**

*Professor of Business*

B.S., U.S. Military Academy, West Point; M.A., Liberty University; M.B.A., Ph.D., University of Alabama. At LU since 1990.

**Gerstner, Kornel; B.A., M.A.**

*Assistant Professor of Digital Media and Communication Arts*

B.A., Moody Bible Institute; M.A., Liberty University. At LU since 2009.

**Geukgeuzian, Jonathan A.; B.S., M.R.E.**

*Chair, Department of Church Ministries*

*Director, Center for Youth Ministries*

*Assistant Professor of Church Ministries*

B.S., Liberty University; M.R.E., Liberty Baptist Theological Seminary. Doctoral studies at Southern Baptist Theological Seminary. At LU since 2006.

**Geyer, Jennifer S.; B.S., M.A., Ph.D.**

*Assistant Professor of Psychology*

B.S., Liberty University; M.A., Bowling Green State University; Ph.D., Northcentral University. At LU since 2006. (D)

**Gibson, Michael; B.S., M.S.**

*Assistant Professor of Mathematics*

B.S., M.S., Ohio State University. At LU since 2007.

**Gibson, Rebecca S.; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2010. (D)

**Giese, Ronald L.; B.S., M.A., Ph.D.**

*Assistant Professor of Religion*

B.S., Liberty University; M.A., Ph.D., University of Wisconsin-Madison. At LU since 2007. (D)

**Gifford, James D.; B.A., M.Div.**

*Instructor of Religion*

B.A., West Virginia University; M.Div., Liberty Baptist Theological Seminary. At LU since 2007. (D)



**Gillen, Alan; B.A., M.S., Ed.D.**

*Professor of Biology*

B.A., Washington and Jefferson College; M.S., Ohio State University; Ed.D., University of Houston. At LU since 2004.

**Gillen, Patrick S.; B.S., M.A., M.A.R.**

*Instructor of Religion*

B.S., Liberty University; M.A., Southeastern Baptist Theological Seminary; M.A.R., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Gipson, James W.; B.A., M.Div., Th.M., Th.D.**

*Assistant Professor of Religion*

B.A., Tennessee Temple University; M.Div., New Orleans Baptist Theological Seminary; Th.M., Th.D., North Florida Theological Seminary. At LU since 2010. (D)

**Givens, Charity L.; B.A., M.A.**

*Instructor of English*

B.A., M.A., Liberty University. At LU since 2009. (D)

**Glaze, Ruth; B.S., M.Ed., Ph.D.**

*Professor of Family and Consumer Sciences*

B.S., Southwest Baptist University; M.Ed., Mississippi College; Ph.D., Florida State University. At LU since 2010.

**Glaze, M. Stephen; B.A., M.A., Ph.D.**

*Professor of Studio and Digital Arts*

B.A., M.A., Mississippi College; Ph.D., Florida State University. At LU since 2010.

**Goad, Keith; B.S., M.A.R., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary; M.Div., Southern Baptist Theological Seminary – Wake Forest, NC. At LU since 2012. (D)

**Goard, Brian L.; B.B.A., M.Div., M.A.R., Ph.D.**

*Assistant Professor of Religion*

B.B.A., Radford University; M.Div., M.A.R., Liberty Baptist Theological Seminary; Ph.D., The Southern Baptist Theological Seminary. At LU since 2006. (D)

**Godwin, Jeffrey L.; B.S., M.S.**

*Instructor of Criminal Justice*

B.S., University of North Carolina; M.S., Capella University. At LU since 2012. (D)

**Goldin, Mike; B.S., M.S., Ph.D.**

*Assistant Professor of Chemistry*

B.S., Western Michigan University; M.S., Michigan State University; Ph.D., Mendeleev University of Chemical Technology of Russia. At LU since 2008.

**Gomes, Ruth; B.S., M.S.**

*Assistant Professor of Family and Consumer Sciences*

B.S., Framingham State College; M.S., Indiana State University. At LU since 1996.

**Goodrich, Cynthia; R.N., B.S.N. M.S.N., Ed.D.**

*Professor of Nursing*

B.S.N., Russell Sage College; M.S.N., University of Virginia; Ed.D., Sarasota University; Gerontology Graduate Certificate, Lynchburg College. At LU since 1996.

**Goodwin, Michelle; B.S., M.Ed., Ed.D.**

*Associate Dean, Licensure Programs, School of Education*

*Associate Professor of Education*

B.S., Liberty University; M.Ed., Ed.D., University of Virginia. At LU since 2001.

**Graham, Michael T.; B.S., M.Div., S.T.M., Th.M.**

*Instructor of Religion*

B.S., Liberty University; M.Div., S.T.M., Th.M., Liberty Baptist Theological Seminary. At LU since 2010. (D)

**Graham, Silvia G.; B.A., M.A., Ed.D.**

*Assistant Professor of Spanish*

B.A., University of Texas at San Antonio; M.A., Ed.D., Texas A & M University. At LU since 2013. (D)

**Granger, Linda; B.A., M.M.**

*Vocal Area Coordinator*

*Associate Professor of Music*

B.A., Hollins College; M.M., James Madison University. At LU since 1984.

**Grant, James; B.A., M.A.**

*Instructor of Modern Languages*

B.A., University of Georgia; M.A., New York University, Madrid, Spain. At LU since 2004. (D)

**Gray, L. Lavon; B.S., M.C.M., Ph.D.**

*Associate Dean, Center for Music and Worship*

*Chair, Department of Music and Worship*

*Associate Professor of Worship Studies*

B.S., University of Southern Mississippi; M.C.M., New Orleans Baptist Theological Seminary; Ph.D., Southwestern Baptist Theological Seminary. At LU since 2012.

**Grayson, Mary Beth; B.S., M.A.**

*Assistant Professor of Mathematics*

B.S., Liberty University; M.A., University of Pittsburgh. At LU since 1993.

**Green, S. Denise; B.S., M.A.**

*Assistant Director of the Bruckner Learning Center for Academics*

*Instructor of the Bruckner Learning Center*

B.S., University of Tennessee; M.A., Liberty University. At LU since 1999.

**Greenawalt, Mark; B.M., B.M.E., M.M., D.M.A.**

*Assistant Professor of Worship and Voice*

B.M., B.M.E., Baldwin-Wallace College-Conservatory; M.M., University of Illinois at Champaign; D.M.A., Shenandoah University Conservatory of Music. At LU since 2009.

**Greene, William V.; B.A., Th.M., M.Div.**

*Instructor of Religion*

B.A., Columbia Bible College; Th.M., Southeastern Baptist Theological Seminary; M.Div., The Master's College. At LU since 2009. (D)

**Gregorio, Sergio; B.A., J.D.**

*Assistant Professor of Business*

B.A., Syracuse University; J.D., Howard University School of Law. At LU since 2007. (D)

**Gregory, Linda; R.N., A.D.N., B.S.N., M.S.N.**

*Assistant Professor of Nursing*

A.D.N., St. Clair Community College; B.S.N., Liberty University; M.S.N., University of Virginia. At LU since 1990.

**Gribbin, William G.; B.S., M.Ed., Ph.D.**

*Professor of English*

B.S., M.Ed., Edinboro University of Pennsylvania; Ph.D., Pennsylvania State University. At LU since 1980.

**Griffioen, Kathy J., B.S., Ph.D.**

*Assistant Professor of Creation Studies*

B.S., Liberty University; Ph.D., George Washington University. At LU since 2013. (D)

**Grooms, Nathan P.; B.S., M.A.R., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.A.R., M.Div., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Gutierrez, Tammy L.; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Gutierrez, IV, Ben; A.A., B.S., M.A.R., M.Div., Ph.D.**

*Administrative Dean for Undergraduate Programs*

*Professor of Religion*

A.A., B.S., Liberty University; M.A.R., M.Div., Liberty Baptist Theological Seminary; Ph.D., Regent University. At LU since 2001.

**Habermas, Gary R.; B.R.E., M.A., Ph.D.**

*Co-Chair, Department of Philosophy*

*Distinguished Research Professor of Apologetics and Philosophy*

B.R.E., William Tyndale College; M.A., University of Detroit; Ph.D., Michigan State University. At LU since 1981.

**Hahn, David M.; B.M.Ed., M.M.**

*Assistant Professor of Worship and Technology*

B.M.Ed., Nyack College; M.M., Temple University. At LU since 2008.

**Hähnlen, Sharon B.; B.S., M.A., Ed.D.**

*International Student Advisor*

*Associate Professor of Modern Languages*

B.S., Iowa State University; M.A., L'Universite de Neuchatel; Ed.D., Liberty University. At LU since 1981.

**Hain, Frank; B.B.A., M.B.A., M.Div., J.D.**

*Instructor of Psychology*

B.B.A., M.B.A., University of Wisconsin; M.Div., Liberty University; J.D., Marquette University Law School. At LU since 2012. (D)

**Hall, Jerry D.; B.S., M.A.R., S.T.D., Ph.D.**

*Assistant Professor of Religion*

B.S., Liberty Baptist College; M.A.R., Liberty Baptist Theological Seminary; S.T.D., Bethany Bible College and Theological Seminary; Ph.D., Regent University. At LU since 2008. (D)

**Ham, Myoungsoo Andy; B.S., M.S., Ph.D.**

*Associate Professor of Engineering*

B.S., Kyonggi University at Suwon, South Korea; M.S., University of Texas; Ph.D., Arizona State University. At LU since 2013.

**Hammersmith, W. Kyle; B.S., M.Ed.**

*Lecturer in English*

B.S., Liberty University; M.Ed., Ohio State University. At LU since 2006.

**Hammet, Beverlin; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., Hunter College of the City University of New York; M.B.A., University of Durham; Ph.D., Capella University. At LU since 2010. (D)

**Hamren, Kelly; B.A., M.A.**

*Instructor of English*

B.A., M.A., Liberty University. At LU since 2006.

**Hansen, Connie; B.S., M.Ed.**

*Assistant Professor of the Bruckner Learning Center*

B.S., Liberty University; M.Ed., Lynchburg College. At LU since 1995.

**Hanson, Nehemiah P.; B.A., M.R.E., M.Div.**

*Instructor of Religion*

B.A., Liberty University; M.R.E., M.Div., Liberty Baptist Theological Seminary. At LU since 2010. (D)

**Hardin, Monica J.; B.S.Ed., M.A., Ph.D.**

*Chair, College of General Studies*

*Assistant Professor of History*

B.S.Ed., Ouachita Baptist University; M.A., Ph.D., Florida State University. At LU since 2010.

**Harker, Emilee; R.N., B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.S.N., Radford University; M.S.N., Duke University. At LU since 2008.

**Harper, Ashley; B.S., M.S.**

*Instructor of Business*

B.S., Southeastern Louisiana University; M.S., Louisiana State University. At LU since 2007. (D)

**Harper, Melody; B.A., M.S.W., M.A.**

*Chair, Department of Global Studies*

*Assistant Professor of Global Studies*

B.A., Samford University; M.S.W., University of Alabama – Tuscaloosa; M.A., Union University. At LU since 2013.

**Harris, Kyle J.; B.S., M.S., M.Ed.**

*Instructor of Biology*

B.S., Liberty University; M.S., University of Nebraska Kearney; M.Ed., Liberty University. At LU since 2008. (D)

**Harris, Mark R.; B.A., M.A., Ph.D.**

*Director, Master of Arts in English*

*Associate Professor of English*

B.A., M.A., Kutztown University of Pennsylvania; Ph.D., Lehigh University. At LU since 2003.

**Harris, Rhonda G.; B.S., M.A.**

*Instructor of Psychology*

B.S., Lynchburg College; M.A., Liberty University. At LU since 2010. (D)

**Harriss, Craig A.; B.A., , M.Div., M.A.**

*Instructor of Religion*

B.A., Mid-South Bible College; M.Div., Mid-America Baptist Theological Seminary; M.A., Grace Theological Seminary. At LU since 2007. (D)

**Hart, David; B.S., M.A.R.**

*Director of Advising*

*Assistant Professor of the Bruckner Learning Center*

B.S., M.A.R., Liberty University. At LU since 1995.

**Hart, Michael J.; B.S. M.S., M.A.R., Ed.D.**

*Chair, Business Management Information Systems*

*Associate Professor of Business Management Information Systems*

B.S., M.A.R., Ed.D., Liberty University; M.S., Minot State University. At LU since 2012.

**Hartman, Harvey D.; B.A., M.Div., Th.M., Th.D.**

*Professor of Biblical Studies*

B.A., Calvary Bible College; M.Div., Th.M., Th.D., Grace Theological Seminary; additional study at the Hebrew Union College-Nelson Glueck School of Archaeology (Israel). At LU since 1977.

**Harvey, Jerry; R.N., B.S., M.S.N.**

*Assistant Professor of Nursing*

B.S., University of Southern Mississippi; M.S.N., Wright State University. At LU since 2007.

**Hassenpflug, Amy; B.A., M.A.**

*Instructor of English*

B.A., College of William and Mary; M.A., University of Virginia. At LU since 2006. (D)

**Hasty, Kristin; B.S.**

*Instructor of Developmental Mathematics*

B.S., Liberty University. At LU since 2011. (D)

**Hawkins, Ronald E.; B.A., M.Div., Ed.S., D.Min., Ed.D.**

*Vice President for Academic Affairs and Vice Provost*

*Professor of Counseling and Practical Theology*

B.A., Barrington College; M.Div., Gordon-Conwell Theological Seminary; Ed.S., Lynchburg College; D.Min., Westminster Theological Seminary; Ed.D., Virginia Polytechnic Institute and State University; additional graduate work at Tweksbury State Hospital and Worcester State Hospital. Licensed Professional Counselor. At LU 1978–1995; 2000 to present.

**Hayes, Scott M.; B.F.A., M.F.A.**

*Associate Dean, School of Communication and Creative Arts*

*Associate Professor of Theatre Arts*

B.F.A., University of California, Santa Barbara; M.F.A., Florida State University. At LU since 2013.

**Haynes, William; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2008. (D)

**Heady, Emily W.; B.A., M.A., Ph.D.**

*Dean, College of General Studies*

*Professor of English*

B.A., Ohio State University; M.A., Ph.D., Indiana University. At LU since 2005.

**Heckman, Merle; B.S., M.B.A.**

*Instructor of Business*

B.S., Hyles-Anderson College; M.B.A., Keller Graduate School of Management. At LU since 2007. (D)

**Hedrick, Marc; B.S., M.S.Ed., J.D.**

*Assistant Professor of Criminal Justice*

B.S., M.S.Ed., Southern Illinois University; J.D., Regent University School of Law. At LU since 2006. (D)

**Heidt, Philip R.; B.A., Th.M.**

*Instructor of Religion*

B.A., Liberty University; Th.M., Dallas Theological Seminary. At LU since 2009. (D)

**Heisey, Kevin; B.A., M.A., Ph.D.**

*Associate Professor of Sport Management*

B.A., Franklin and Marshall; M.A., University of Central Missouri; Ph.D., German Sport University. At LU since 2011.

**Henderson, C. Anna; B.S., M.S., Ph.D., R.D., C.H.E.S.**

*Associate Professor of Health Professions*

B.S., Albright College; M.S., Ph.D., Pennsylvania State University. At LU since 2012.

**Hensley, Mark R.; B.S., M.A.R., Ed.D.**

*Assistant Professor of Religion*

B.S., Hardin Simmons University; M.A.R., Ed.D., Southwestern Baptist Theological Seminary. At LU since 2010. (D)

**Heppding, William Fred; B.A., M.A.**

*Instructor of History*

B.A., Mars Hill College; M.A., James Madison University. At LU since 2008. (D)

**Hereford, Vicki; A.S., B.A., M.B.A.**

*Instructor of Business*

A.S., Florida State College at Jacksonville; M.A., M.B.A., University of North Florida. At LU since 2012. (D)

**Hetrick, Amy E.; B.S., M.S.**

*Instructor of Biology*

B.S., Liberty University; M.S., University of Idaho. At LU since 2009. (D)

**Hicks, Melanie A.; B.S., M.B.A., D.B.A.**

*Director of Accreditation for the School of Business*

*Co-Chair, Department of Accounting, Finance, and Economics*

*Professor of Accounting*

B.S., Liberty University; M.B.A., Brenau University; D.B.A., Argosy University. At LU since 2005.

**Hicks, Scott; B.S., M.B.A., Ph.D.**

*Dean, School of Business*

*Associate Professor of Business*

B.S., Liberty University; M.B.A., Liberty University; Ph.D., Northcentral University. At LU since 2006.

**Highton, Mary; R.N., B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.S.N., M.S.N., Liberty University. At LU since 2008.

**Hill, Matthew S.; B.S., M.A., Ph.D.**

*Assistant Professor of History*

B.S., Columbia International University; M.A., Ph.D., Georgia State University. At LU since 2010. (D)

**Hindson, Edward E.; B.A., M.A., Th.M., Th.D., D.Min., D.Phil., F.I.B.A.**

*Distinguished Professor of Biblical Studies and Religion*

B.A., William Tyndale College; M.A., Trinity Evangelical Divinity School; Th.M., Grace Theological Seminary; Th.D., Trinity Graduate School of Theology; D.Min., Westminster Theological Seminary; D.Phil., University of South Africa; Fellow of the International Biographical Association (Cambridge, England); additional graduate study at Acadia University (Nova Scotia, Canada). At LU 1974–1986; 1996–present.

**Hines, Charles R.; B.A., M.A., M.Ed.**

*Instructor of Humanities*

B.A., Baptist Bible College; M.A., Old Dominion University; M.Ed., Virginia Commonwealth University. At LU since 2007. (D)

**Hinkson, Craig; B.S., M.A.T.S., M.A., Ph.D.**

*Professor of Theology and Philosophy*

B.S., Kansas State University; M.A.T.S., Bethel Seminary; M.A., Ph.D., University of Chicago Divinity School. At LU since 1997.

**Hinton, Jimmy; B.S., M.B.A., D.B.A.**

*Assistant Professor of Business*

B.S., Jacksonville State University, M.B.A., Georgia State University; D.B.A., Argosy University. At LU since 2009. (D)

**Hirschman, David; Th.B., M.A.R., M.Div., D.Min.**

*Associate Dean, Liberty University Baptist Theological Seminary  
Assistant Professor of Religion*

Th.B., Baptist International Bible College; M.A.R., M.Div., D.Min., Liberty Baptist Theological Seminary. At LU since 2010.

**Hobson, Stephanie A.; B.A.**

*Instructor of English*

B.A., Liberty University. At LU since 2009. (D)

**Hoinsky, Theresa E.; B.S., L.A.T.**

*Approved Clinical Instructor*

*Assistant Athletic Trainer*

B.S., Liberty University. At LU since 2010.

**Holbrook, Charles R.; B.S., M.S.**

*Instructor of Mathematics*

B.S., Athens State University; M.S., Alabama A & M University. At LU since 2008. (D)

**Holder, David; B.S., M.Ed., Ph.D.**

*Assistant Professor of Education*

B.S., Liberty University; M.Ed., Ph.D., University of North Texas. At LU since 2008.

**Hollis, Jennifer Anne.; B.S., M.S.**

*Instructor of Mathematics*

B.S., M.S., Syracuse University. At LU since 2010. (D)

**Holloway, Hope; B.S.**

*Lecturer of Developmental Mathematics*

B.S., Liberty University. At LU since 2004.

**Holt, Angela; B.S., M.B.A.**

*Assistant Professor of Information Technology*

B.S., M.B.A., Liberty University. At LU since 2008.

**Holt, Travis; B.A., M.A.**

*Instructor of English*

B.A., M.A., Liberty University. At LU since 2011.

**Honeycutt, Will; B.S., M. Div., D.Min.**

*Assistant Director of Christian/Community Service*

*Assistant Professor of Biblical Worldviews*

B.S., Liberty University; M. Div. Liberty Baptist Theological Seminary; D.Min., Trinity Evangelical Divinity School. At LU since 1995.

**Hood, Kenneth; B.A., M.Div., D.Min.**

*Assistant Professor of Religion*

B.A., Central Wesleyan College; M.Div., New Orleans Baptist Theological Seminary; D.Min., Erskine College. At LU since 2006. (D)

**Horne, Sarah E.; B.S., M.A., M.S., Ed.S.**

*Instructor of English*

B.S., M.A., M.S., Longwood University; Ed.S., Liberty University. At LU since 2010. (D)

**Horton, David; B.S.E., M.S.E., Ed.D.**

*Professor of Health Professions*

B.S.E., M.S.E., University of Central Arkansas; Ed.D. University of Arkansas. At LU since 1978.

**House, Jon; B.S., Ed.M., Ed.D.**

*Associate Professor of Health Professions*

B.S., Liberty University; Ed.M., Temple University. Ed.D., Argosy University. At LU since 2001.

**Howard, Matalie; B.S., M.S.**

*Assistant Professor of Family and Consumer Sciences*

B.S., Liberty University; M.S., University of North Carolina, Greensboro. At L.U. 1988-1996; 2004-present.

**Howell, Daniel; B.S., Ph.D.**

*Professor of Biology*

B.S., Old Dominion University; Ph.D., Virginia Polytechnic Institute and State University. At LU since 2003.

**Hubbard, Randall; B.S., M.S., Ph.D.**

*Professor of Biology*

B.S., M.S., Ph.D., Iowa State University. At LU since 2006.

**Huff, Deborah; B.A., M.B.A.**

*Advisor to Champion*

*Associate Professor of Digital Media and Communication Arts*

B.A., Morehead State University; M.B.A., Xavier University. At LU since 1995.

**Hughes, William; B.A., M.Div., Th.M.**

*Instructor of Religion*

B.A., Leavell College; M.Div., New Orleans Baptist Theological Seminary; Th.M., New Orleans Baptist Theological Seminary. At LU since 2010. (D)

**Hugo John W.; B.Mus., M.M., M.M., D.M.A.**

*Chair, Department of Music*

*Professor of Music*

B.Mus., Houghton College; M.M., New England Conservatory; M.M., D.M.A., Arizona State University. At LU since 1988.

**Hulshof, Chris H.; B.S., M.A.R., M.R.E., M.Div.**

*Assistant to the Associate Dean, School of Religion*

*Assistant Professor of Religion*

B.S., Liberty University; M.A.R., M.R.E., M.Div., Liberty Baptist Theological Seminary. At LU since 2012.

**Hunter, Robert; B.A., M.A.R**

*Instructor of Religion*

B.A., M.A.R., Liberty University. At LU since 1998. (D)

**Hutchinson, Jennifer; B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.S.N., M.S.N., University of Virginia. At LU since 2009.

**Imel, Phillip W.; B.S., M.B.A.**

*Instructor of Business*

B.S., M.B.A., Morehead State University. At LU since 2008. (D)

**Isaac, Lily S.; B.A., M.A., Ph.D.**

*Assistant Professor of English*

B.A., M.A., Bangalore University (India); Ph.D., Banarast Hindu University (India). At LU since 2009. (D)

**Isaac, Samuel; B.A., M.A., B.E.D., Ph.D.**

*Assistant Professor of English*

B.A., M.A., Madurai Kamaraj University (India); B.E.D., Jamia Millia Islamia University (India); Ph.D., Banarast Hindu University (India). At LU since 2009. (D)

**Isaacs, Gary; B.S., Ph.D.**

*Assistant Professor of Biology*

B.S., Liberty University; Ph.D. Cornell University. At LU since 2009.

**Isaacson, Timothy; B.S., M.A.**

*Instructor of Studio and Digital Arts*

B.S., Liberty University; M.A., Savannah College of Art and Design. At LU since 2011.

**Jackson, Glenn C.; B.S., M.S., Ed.D.**

*Assistant Professor of Biology*

B.S., M.S., George Mason University; Ed.D., University of Virginia. At LU since 2007. (D)

**Jennings, Dennis L.; B.A., M.A., Ph.D.**

*Professor of Psychology*

B.A., Butler University; M.A., Ph.D., Stanford University. At LU since 2004.

**Jernigan, Joseph W.; B.S., M.A.R., M.Div.**

*Instructor of Religion*

B.S., West Virginia University Institute of Technology; M.A.R., M.Div., Liberty Baptist Theological Seminary. At LU since 2009. (D)

**Jernigan, Ralph; A.A., B.A., M.A., M.R.E.**

*Assistant Professor of the Bruckner Learning Center*

A.A., Emmanuel College; B.A., University of North Carolina at Wilmington; B.A., Holmes Bible College; M.A., M.R.E., Liberty University. At LU since 2004.

**Jessee, Brenda; B.S.N., M.S.N., D.N.P., FNP-BC, PNP-BC**

*Assistant Professor of Nursing*

B.S.N., M.S.N., East Tennessee University; D.N.P., Old Dominion University. At LU since 2010. (D)

**Johnson, Holly; B.S., M.A.**

*Instructor of Psychology*

B.S., Regent University; M.A., Liberty University; doctoral studies at Regent University. At LU since 2010. (D)

**Johnson, Jacqueline J.; B.S., B.S., M.A., Ed.S., Ed.D.**

*Coordinator of Special Projects and New Student Seminar*

*Assistant Professor of Education*

B.S., B.S., San Diego Christian College; M.A., Liberty University; Ed.S., Point Loma University; Ed.D., Northern Arizona University. At LU since 2009.

**Johnson, Seth C.; B.S., Th.M.**

*Instructor of Religion*

B.S., Liberty University; Th.M., Harvard University. At LU since 2010. (D)

**Jones, Ashley; B.S.**

*Lecturer of Developmental Mathematics*

B.S., Liberty University. At LU since 2008.

**Jones, Benjamin A.; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2011. (D)

**Jones, Christopher; B.A., M.A.**

*Assistant Professor of History*

B.A., Ashbury College; M.A., Virginia Polytechnic Institute and State University. At LU since 2012.

**Jones, James D.; B.M., M.B.A., Ph.D.**

*Associate Professor of Computer Science*

B.M., University of Houston; M.B.A., North Texas State University; Ph.D., New Mexico State University. At LU since 2009.

**Jones, Michael S.; B.S., M.Div., M.A., Ph.D.**

*Associate Professor of Philosophy*

B.S., Maranatha Baptist Bible College; M.Div., Calvary Baptist Theological Seminary; M.A., West Chester University; Ph.D., Temple University. At LU since 2005.

**Jose, Manuel; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., James Madison University; M.B.A., Ph.D., Virginia Polytechnic and State University. At LU since 2007. (D)

**Jupin, Richard M.; B.M., M.M., D.M.A.**

*Assistant Professor of Music and Worship*

B.A., SUNY-Potsdam, Crane School of Music; M.M., Boston Conservatory; D.M.A. Louisiana State University. At LU since 2008.

**Kail, Frederick B.; A.A., B.S.N., M.S.N.**

*Assistant Professor of Nursing*

A.A., Richard Bland College; B.S.N., M.S.N., Liberty University. At LU since 1998.

**Kalian, Justin; B.S., M.Ed.**

*Instructor of Health Professions*

B.S., Liberty University; M.Ed., University of Virginia. At LU since 2013.

**Kalu, Ben; M.D., M.S.**

*Assistant Professor of Biology*

M.D., Abia State University, Nigeria; M.S., Catholic University of America, Washington DC. At LU since 2012.

**Karaffa, John; B.S., M.S., D.B.A.**

*Assistant Professor of Business*

B.S., Butler University; M.S., Schiller International University; D.B.A., University of Phoenix. At LU since 2010. (D)

**Keiser, Thomas A.; B.S., Th.M., Ph.D.**

*Assistant Professor of Religion*

B.S., Johns Hopkins; Th.M., Ph.D., Dallas Theological Seminary. At LU since 2010. (D)

**Keith, Alissa R.; B.A., M.Ed.**

*Instructor of Spanish*

B.A., M.Ed., Liberty University. At LU since 2012. (D)

**Keith, Deanna; B.A., M.Ed., Ed.S., Ed.D.**

*Director, Special Education Programs, School of Education*

*Associate Professor of Education*

B.A., M.Ed., Lynchburg College; Ed.S., Ed.D., University of Virginia. At LU since 2008.

**Kelly, Brent; B.S., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.S., Multnomah Bible College; M.Div., Ph.D., The Southern Baptist Theological Seminary. At LU since 2006. (D)

**Kelly, Clifford W.; B.A., M.A., Ph.D.**

*Professor of Digital Media and Communication Arts*

B.A., M.A., California State University; Ph.D., Bowling Green State University. At LU since 2006.

**Kennedy, Jennifer; B.S., M.Ed.**

*Instructor of Psychology*

B.S., University of Pittsburgh; M.Ed., Lynchburg College. At LU since 2007. (D)

**Kennedy, Tonia; B.S., M.S.N., Ed.D.**

*Director, Generic BSN Program*

*Associate Professor of Nursing*

B.S., M.S.N., Liberty University, Ed.D., Argosy University. At LU since 2002.

**Kerr, Stephen P.; B.S., M.A., Ph.D.**

*Chair, Department of University Bands*

*Professor of Music*

B.S., Liberty University; M.A., Virginia Polytechnic Institute and State University; Ph.D., University of North Carolina at Greensboro; additional graduate studies at Florida International University. At LU since 1990.

**Kesler, Christopher M.; B.S., M.Div., M.A.R.**

*Instructor of Religion*

B.S., Virginia Polytechnic Institute and State University; M.Div., M.A.R., Liberty Baptist Theological Seminary. At LU since 2008. (D)

**Kester, Monty C.; B.A., M.S., Ed.D.**

*Professor of Mathematics*

B.A., McMurray College; M.S., Ed.D., Oklahoma State University. At LU since 1988.

**Kilgore, W. Michael; B.A., J.D.**

*Assistant Professor of Paralegal Studies*

B.A., University of North Carolina, Greensboro; J.D., Liberty University School of Law. At LU since 2012. (D)

**Kilpatrick, Steve; B.A., M.S., Ph.D.**

*Associate Professor of Physics*

B.A., Gordon College; M.S., University of Wisconsin-Madison; Ph.D., Lehigh University. At LU since 2013.

**Kim, Jaeshil A.; M.A., Ph.D.**

*Associate Professor of English*

B.A., Chungnam University and Taejon, S. Korea; M.A., University of Wisconsin-Madison; Ph.D., University of California – Irvine. At LU since 2007.

**Kim, Taeseong; B.M., M.M., D.M.A.**

*Associate Professor of Piano*

B.M., Liberty University; M.M., University of Tennessee, Knoxville; D.M.A., University of South Carolina, Columbia. At LU since 2006.

**Kimbrough, Pamela S.; B.S., M.S.**

*Instructor of Mathematics*

B.S., California Polytechnic State University; M.S., Texas A & M University. At LU since 2007. (D)

**Kinchen III, John D.; B.M., M.M., D.M.A.**

*Associate Dean, Center for Music and the Performing Arts*

*Associate Professor of Music Education*

B.M., Eastman School of Music; M.M., Florida State University; D.M.A., Boston University. At LU since 2006.

**King, Frank L.; B.S., M.A., M.Div., M.A.R., M.B.A., D.Min., Ph.D.**

*Assistant Professor of Humanities*

B.S., Minnesota State University; M.A., Chapman University; M.A.R., M.Div., D.Min., Liberty Baptist Theological Seminary; M.B.A., Ph.D., Liberty University. At LU since 2009. (D)

**Kippenhan, Nancy; B.S., J.D.**

*Assistant Professor of Business*

B.S., Rensselaer Polytechnic Institute; J.D., Widener University School of Law. At LU since 2008. (D)

**Kirk, Bruce; B.G.S., M.A.**

*Chair, Department of Digital Media and Communication Arts*

*Assistant Professor of Digital Media and Communication Arts*

B.G.S., Kent State University; M.A., Spring Arbor University. At LU since 2009.

**Kitchel, Linda; B.S., M.Ed.**

*Assistant Professor of Family and Consumer Sciences*

B.S., Radford University; M.Ed., North Carolina State University. At LU since 2004.

**Klamm, Harvey; B.S., M.Ed., Ed.D.**

*Assistant Professor of Education*

B.S., Cedarville University; M.Ed., University of Virginia; Ed.D., Liberty University. At LU since 2013.

**Knowles, Emily; B.S., M.A.**

*Chair, School of Business*

*Assistant Professor of Business*

B.S., M.A., Liberty University; doctoral studies at Walden University. At LU since 2013.

**Kompelien, Wayne; B.M.E., M.M., D.M.A.**

*Professor of Music*

B.M.E., Oral Roberts University; M.M., D.M.A., University of Kansas. At LU since 1986.

**Koontz, Eric M.; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Kopis, Sharon; R.N., A.S., B.S.N., M.S.N., Ed.D.**

*Director, Doctoral Programs in Nursing*

*Associate Professor of Nursing*

A.S., Bluefield State College; B.S.N., Liberty University; M.S.N., Medical College of Virginia; F.N.P., Old Dominion University; Ed. D., Argosy University. At LU since 1992.

**Korn, Michael R.; Diploma, Ph.D.**

*Assistant Professor of Chemistry*

Diploma, Ph.D., University of Freiburg, Germany. At LU since 2010.

**Kozlowski, Jan A.; B.S., M.B.A.**

*Instructor of Mathematics and Information Technology*

B.S., Saint Peter's College; M.B.A., Liberty University. At LU since 2012. (D)

**Kramer, Jr., Cecil V.; B.S., M.A., M.Div., D.Min.**

*Director of Graduate Programs*

*Professor of Digital Media and Communication Arts*

B.S. North Dakota State University; M.A., University of North Dakota; M.Div., Liberty Baptist Theological Seminary, D.Min., Bethel Seminary. At LU since 1981.

**Kuykendall, Ronald D.; B.A., M.A., Ph.D.**

*Assistant Professor of Philosophy*

B.A., Wheaton College; M.A., Reformed Theological Seminary; Ph.D., Wycliffe Hall and Oxford University (UK). At LU since 2009. (D)

**Kyes, Allyn; B.A., M.A., M.A.**

*Instructor of Philosophy*

B.A., Idaho State University; M.A., Biola University; M.A., Villanova University. At LU since 2008. (D)

**Laird, Benjamin; B.S., M.Div., Th.M., M.Litt.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Southeastern Baptist Theological Seminary; Th.M., Southeastern Baptist Theological Seminary; M.Litt., University of St. Andrews. At LU since 1999. (D)

**Lakin, Jeff P.; B.S., M.A.**

*Instructor of Religion*

B.S., Liberty University; M.A., Trinity International University. At LU since 2006. (D)

**Lambert, Brian D.; B.S., M.Div.**

*Instructor of Religion*

B.S., Wingate University; M.Div., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Lane, Richard; B.S., M.P.H. & T.M., M.D.**

*Director, Master of Public Health Program*

*Professor of Health Professions*

B.S., University of Maryland; M.P.H., Tulane University; M.D., University of Maryland. At LU from 1989-2010; 2011 to present.

**Laughlin, Bryan J.; B.S., M.Div., Th.M.**

*Instructor of Philosophy*

B.S., Virginia Commonwealth University; M.Div., Th.M., Southeastern Baptist Theological Seminary. At LU since 2008. (D)

**Lay, Bethany A.; B.S., M.A.R.**

*Instructor of Religion*

B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Leadem, Karen; B.A., M.Ed.**

*Instructor of Psychology*

B.A., M.Ed., College of New Jersey. At LU since 2013. (D)

**Leadem, Mark; B.S., M.S.W.**

*Instructor of Psychology*

B.S., College of New Jersey; M.S.W., Marywood University. At LU since 2009. (D)

**Lennon, Jeffrey; B.A., M.D., M.P.H., M.S.P.H., Ph.D.**

*Professor of Health Professions*

B.A., The King's College; M.D., Cetec University; M.P.H., M.S.P.H., Ph.D., University of Alabama at Birmingham. At LU since 2008.

**Leverett, Gaylen P.; Th.G., B.A., M.A., M.Div., Ph.D.**

*Professor of Theology*

Th.G., B.A., Baptist Bible College; M.A., Liberty University; M.Div., Liberty Baptist Theological Seminary; M.A., University of Virginia; Ph.D., Southeastern Baptist Theological Seminary. At LU since 1984.

**Lewis, R. Vince; B.A., M.A.**

*Assistant Professor of Guitar*

B.A., Morris Harvey College; M.A., Liberty University; additional graduate studies at Marshall University. At LU since 1996.

**Light, Andrew; B.A., M.A., Ph.D.**

*Professor of Business*

B.A., National Cheng Chi University, Taipei, Taiwan; M.A., Ph.D., Ohio State University. At LU since 1985.

**Light, Daniel S.; B.A., M.Div., D.Min.**

*Assistant Professor of Religion*

B.A., Wachita Baptist University; M.Div., Southwestern Baptist Theological Seminary; D.Min., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Lindevaldsen, Rena M.; B.A., J.D.**

*Associate Dean for Academic Affairs, School of Law*

*Associate Director, Liberty Center for Law and Policy*

*Professor of Law*

B.A., Michigan State University; J.D., Brooklyn Law School. At LU since 2005.

**Link, Pete J.; B.S., M.Div.**

*Instructor of Religion*

B.S., The University of Texas- Austin; M.Div., Southeastern Baptist Theological Seminary. At LU since 2009. (D)

**Linstra, Ralph F.; B.S., M.Ed., Ed.D., C.H.E.S.**

*Dean, School of Health Sciences*

*Professor of Health Professions*

B.S., The King's College; M.Ed., Ed.D., University of Massachusetts-Amherst. At LU since 1994.

**Little, Kimberly; B.S.N., M.S.N., Ph.D.**

*Director, MSN Program*

*Associate Professor of Nursing*

B.S.N., Lenoir Rhyne College; M.S.N., Gardner Webb University; Ph.D., University of Nevada. At LU since 2010.

**Lockhart, Guy R.; B.A., M.Div., Ph.D.**

*Assistant Professor of Philosophy*

B.A., University of Texas-Austin; M.Div., Southwestern Baptist Theological Seminary; Ph.D., Trinity Theological Seminary. At LU since 2010. (D)

**Logan, Daniel; B.S., M.A., Ed.D.**

*Chair, Department of Psychology*

*Associate Professor of Psychology*

B.S., M.A., Liberty University; Ed.D., University of Sarasota. At LU since 2009.

**Long, Scott; B.S., M.S., Ph.D.**

*Associate Professor of Mathematics*

B.S., U.S. Air Force Academy; M.S., Ph.D., U.S. Air Force Institute of Technology. At LU since 2013.

**Love, Donald; B.S., M.A.R., M.Div., Th.M.**

*Assistant Professor of Religion*

B.S., Liberty University; M.A.R., M.Div., Liberty Baptist Theological Seminary; Th.M., Southeastern Baptist Theological Seminary. Doctoral studies at Southeastern Baptist Theological Seminary. At LU since 2001.

**Love, Rachel M.; B.S., B.A., M.A.**

*Instructor of History*

B.S., B.A., M.A., Liberty University. At LU since 2010. (D)

**Lowes, Jeff; B.S., D.C.**

*Assistant Professor of Health Professions*

B.S., Liberty University; D.C., New York Chiropractic College. At LU since 2012.

**Lowes, Nicole A.; B.S., M.B.A., Ph.D.**

*Assistant Professor of Information Technology*

B.S., M.B.A., Liberty University; Ph.D., Northcentral University. At LU since 2008. (D)

**Ludington, James N.; B.A., M.A.**

*Instructor of History*

B.A., California State University San Bernadino; M.A., Claremont Graduate University. At LU since 2007. (D)

**Lumadue, Richard T.; B.S., Th.M.**

*Instructor of Religion*

B.S., New Tribes Institute; Th.M., Dallas Theological Seminary. At LU since 2007. (D)

**Lund, Lauren J.; B.A., M.A.**

*Instructor of English*

B.A., M.A., Liberty University. At LU since 2012. (D)

**Luper, Joanna; B.A., M.Ed.**

*Assistant Director, English Language Institute*

*Instructor, English Language Institute*

B.A., M.Ed., Liberty University. At LU since 2012.

**Lyster, Robert J.; B.B.A., M.S., Ph.D.**

*Associate Professor of Digital Media and Communication Arts*

B.B.A., Baylor University; M.S., East Texas State University; Ph.D., Texas A& M University. At LU since 2000.

**Lytle, Robert M.; B.A., M.Div.**

*Instructor of Religion*

B.A., University of North Carolina-Asheville; M.Div., Southeastern Baptist Theological Seminary. At LU since 2007. (D)

**Maashe-Mengueme, Alain B.; B.S., M.A.R.**

*Instructor of Religion*

B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**Mackey, Roger; B.S., M.Ed., Ed.D.**

*Professor of the Bruckner Learning Center*

B.S., Liberty University; M.Ed., Ed.D., University of Virginia. At LU since 2012.

**Maddox, Annyce; A.S., B.A., M.A.**

*Instructor of Education*

A.S., Central Virginia Community College; B.A., M.A., Lynchburg College. At LU since 2006.

**Maddox, Johnny; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., Western Carolina University; M.B.A., Southern Wesleyan University; Ph.D. Capella University. At LU since 2010. (D)

**Magnuson, Chad; B.A., M.Div., M.S., Ph.D.**

*Assistant Professor of Psychology*

B.A., M.Div., Oral Roberts University; M.S., Ph.D., University of Wisconsin. At LU since 2009.

**Mahoney, Beverly S.; 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 Health Professions*

R.N., Millard Fillmore Hospital; B.S. Johnson State College; M.S., Ph.D., Penn State University. At LU since 2004.

**Maiuzzo, Michael; B.S.E.E., M.S.E.**

*Associate Professor of Engineering*

B.S.E.E., University of Maryland – College Park; M.S.E., The George Washington University; additional graduate work at University of Virginia. At LU since 2008.

**Maloney, Monique; B.S., M.A.**

*Assistant Professor of Studio and Digital Arts*

B.S., M.A., Pensacola Christian College. At LU since 2010.

**Mann, Douglas F.; B.A., M.A., Ph.D.**

*Dean of the Graduate School*

*Associate Professor of History*

B.A., Bryan College; M.A., Trinity Evangelical Divinity School; Ph.D., University of Georgia. At LU since 2006.

**Marano, Michael A.; A.S., B.S., M.B.A., M.A.R.**

*Instructor of Information Technology*

A.S., SUNY at Morrisville; B.S., SUNY at Oswego; M.B.A., Virginia Polytechnic and State University; M.A.R., Liberty Baptist Theological Seminary. At LU since 2013. (D)

**Marin, Maria; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., M.B.A., Central Michigan University; Ph.D., Capella University. At LU since 2009. (D)

**Markley, John R.; B.S., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary; Ph.D., University of Edinburgh. At LU since 2008. (D)

**Marselus, John; B.S., M.A., M.A.R., M.Div., FAA COMM, INST, ME, MEI, CFI, CFII**

*Chair, Unmanned Aerial Systems*

*Associate Professor of Aviation*

B.S., United States Air Force Academy; M.A., Air War College; M.A.R., M.Div., Liberty Baptist Theological Seminary. At LU since 2010.

**Marsh, Donald T.; B.M.E., M.S.**

*Associate Professor of Worship*

B.M.E., Nyack College; M.S. Rowan University. At LU since 2007.

**Marshall, Tom; B.S., M.S., M.A.R., Th.M., Th.D.**

*Instructor of Education*

B.S., Liberty University; M.S., Johns Hopkins University; M.A.R., Th.M, Liberty Theological Seminary; Th.D., Andersonville Baptist Seminary. At LU since 2009. (D)

**Martin, Carey L.; B.S., M.F.A., Ph.D.**

*Professor of Digital Media and Communication Arts*

B.S., Northwestern University, Evanston, IL; M.F.A., Ph.D., Florida State University. At LU since 2007.

**Martin, Corey; B.S., M.Div., J.D.**

*Assistant Professor of Government*

B.S., Liberty University; M.Div., Southeastern Baptist Theological Seminary; J.D., Liberty University School of Law. At LU since 2011.

**Martin, Darlene; B.S., M.Ed., ATC**

*Assistant Professor of Health Professions*

B.S., M.Ed., Liberty University. At LU since 2010.



**Martin, Edward N.; B.A., M.A., Ph.D.**

*Co-Chair, Department of Philosophy*  
*Professor of Philosophy and Theology*  
 B.A., Hillsdale College; M.A., Trinity Evangelical Divinity School; M.A., Ph.D., Purdue University. At LU since 2002.

**Martin, Matthew A.; B.A., J.D.**

*Assistant Professor of Business*  
 B.A., Piedmont College; J.D., Florida State University. At LU since 2007. (D)

**Martin, Vicky-Lynn; B.S., M.S., D.S.M.**

*Chair, Department of Sport Management*  
*Professor of Sport Management*  
 B.S., Oral Roberts University; M.S., University of Tulsa; D.S.M., United States Sports Academy. At LU since 2005.

**Marx, Michael; B.A., M.B.A., Ed.D.**

*Assistant Professor of Business*  
 B.A., Oral Roberts University; M.B.A., Louisiana State University; Ed.D., Regent University. At LU since 2010. (D)

**Mashburn, James; B.A., M.S., FAA COMM, INST, ME, MEI, CFI, CFII**

*Assistant Professor of Aviation*  
 B.A., Baptist Bible College West; M.S., Delta State University; M.S., Cornerstone University. At LU since 2012.

**Mason, Ralph P.; B.A., M.A.R., Th.M., D.Min.**

*Assistant Professor of Religion*  
 B.A., Wheaton College; M.A.R., Wheaton College Graduate School; Th.M., Dallas Theological Seminary; D.Min., Denver Seminary. At LU since 2008. (D)

**Massey, Robert W.W.; B.S.Ed., M.Div., D.Min.**

*Assistant Professor of Religion*  
 B.S.Ed., University of Memphis; M.Div., Mid-America Baptist Theological Seminary; D.Min., Midwestern Baptist College. At LU since 2010. (D)

**Mathers, Norman W.; B.A., Th.M., Ph.D.**

*Assistant Professor of Religion*  
 B.A., Wilfred Laurier University; Th.M., Dallas Theological Seminary; Ph.D., University of Pretoria. At LU since 2010. (D)

**Mattes, Kera J.; B.S., M.B.A.**

*Instructor of Business*  
 B.S., Liberty University; M.B.A., University of Central Florida. At LU since 2006. (D)

**Matthews, Alan; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*  
 B.S., Southern Nazarene University; M.B.A., Central State College; Ph.D., Nova University. At LU since 2006.(D)

**Matthews, N. Troy; B.A., M.R.E., Ed.D.**

*Associate Director of Christian/Community Service*  
*Professor of Biblical Worldview*  
 B.A., Baptist Bible College; M.R.E., Liberty Baptist Theological Seminary; Ed.D., Argosy University. At LU since 2001.

**Matos-Serrano, Ivette; M.S., J.D.**

*Assistant Professor of Paralegal Studies*  
 M.S., Liberty University; J.D., Liberty University School of Law. At LU since 2012. (D)

**Matz, Jessica; B.S., M.A.**

*Instructor of Psychology*  
 B.S., Vanderbilt University; M.A., Southwestern Baptist Theological Seminary. At LU since 2010. (D)

**Mauro, William; B.A., M.A.**

*Instructor of Government*  
 B.A., M.A., American Military University. At LU since 2012. (D)

**Maxon, Scott T.; B.A., M.A.**

*Instructor of Humanities*  
 B.A., University of Nebraska; M.A., American Military University. At LU since 2008. (D)

**Mayberry, Audrey Lynn; B.A., M.Ed., M.A.**

*Instructor of English*  
 B.A., M.Ed., M.A., Lynchburg College. At LU since 2012. (D)

**McClelland, Clive W.; B.A., M.A., Ph.D.**

*Professor of English*  
 B.A., Texas Tech University; M.A., Ph.D., University of Texas, Arlington. At LU since 2003.

**McClintock, Thomas; B.S., M.S., Ph.D.**

*Professor of Biology*  
 B.S., James Madison University; M.S., Ph.D., University of Maryland College Park. At LU since 2013.

**McClure, Lance; B.S., M.A.R.**

*Director of Technical Studies*  
*Assistant Professor of Technical Studies*  
 B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary. At LU since 2011.

**McCombie, Ronni; B.S.N., M.S.N.**

*Instructor of Nursing*  
 B.S.N., Lynchburg College; M.S.N., Walden University. At LU since 2011. (D)

**McDonald, Connie L.; A.A., B.S., M.Ed., Ed.S., Ph.D.**

*Director, Program Specialist, School of Education*  
*Associate Professor of Education*  
 A.A., Southwest Community College; B.S., University of Southern Mississippi; M.Ed., University of Southern Mississippi; Ed.S., Mississippi State University; Ph.D., University of Mississippi. At LU since 2006.

**McFaul, Janis L.; B.A., M.S.A., Ph.D.**

*Assistant Professor of Business*  
 B.A., Walsh College; M.S.A., Central Michigan University; Ph.D., The Union Institute and University. At LU since 2006. (D)

**McGee, David A.; B.S., Th.M.**

*Instructor of Religion*  
 B.S., State University of New York-Old Westburg; Th.M., Dallas Theological Seminary. At LU since 2009. (D)

**McGee, Richard P.; B.S., M.Div., M.A., D.Min.**

*Assistant Professor of Religion*  
 B.S., Belknap College; M.Div., M.A., D.Min., Liberty Baptist Theological Seminary. At LU since 2010. (D)

**McGibbon, A. Garth; B.S., M.S.**

*Assistant Professor of Chemistry*  
 B.S., University of Waterloo; M.S., University of Colorado; additional graduate work at McMaster University, University of Virginia, and Temple University. At LU since 1977.

**McGorman, Michael P.; B.A., M.Div.**

*Instructor of Religion*

B.A., Baptist Bible College; M.Div., Temple Baptist Seminary. At LU since 2007. (D)

**McGowan, Gail; B.S., M.Ed.**

*Assistant Professor of Mathematics*

B.S., Bob Jones University; M.Ed., Lynchburg College. At LU since 2012.

**McGuirt, Davis; B.S., M.Div., D.V.M.**

*Associate Professor of Biology*

B.S., Furman University; M.Div., Southeastern Baptist Theological Seminary; D.V.M., University of Georgia, College of Veterinary Medicine. At LU since 2004.

**McHaney, William Denton; B.S., M.Ed.**

*Director, Office of Disability Academic Support*

*Associate Professor of Education*

B.S., Liberty University; M.Ed., Lynchburg College; additional graduate work at the University of Virginia. At LU since 1985.

**McLaughlin, Colleen; B.S., M.S., Ph.D., SPHR**

*Associate Professor of Business*

B.S., University of Central Texas; M.S. Tarleton State University; Ph.D., Capella University. At LU since 2005.

**McMillan, Julia; B.A., M.B.A., M.A.R., M.Div., D.Min.**

*Assistant Professor of Business*

B.A., Virginia State University; M.B.A., Florida Metropolitan University; M.A.R., M.Div., D.Min., Liberty Baptist Theological Seminary. At LU since 2006. (D)

**McMillan, Homer; B.A., M.Min., J.D.**

*Assistant Professor of Criminal Justice*

B.A., Trinity Baptist College; M.Min., Trinity Baptist College; J.D., Florida Coastal School of Law. At LU since 2011. (D)

**McPherson, Alistair; B.A., M.Div.**

*Instructor of Humanities*

B.A., Moody Bible Institute; M.Div., Samford University. At LU since 2012. (D)

**Meadows, Linda; B.A., M.Ac.**

*Instructor of Business*

B.A., Concord College; M.Ac., Lynchburg College. At LU since 2007. (D)

**Melton, Brian; B.S., M.A., Ph.D.**

*Assistant Professor of History*

B.S., Toccoa Falls College; M.A., Ph.D., Texas Christian University. At LU since 2003. (D)

**Melton, Dwayne K.; B.S., M.B.A.**

*Executive Director for Administration, Center for Academic Support and Advising Services*

*Assistant Professor of Education*

B.S., M.B.A., Liberty University; doctoral studies at Northcentral University. At LU since 2009.

**Merat, Carl; B.S., M.S.L.S.**

*Acquisitions Librarian*

*Jerry Falwell Library*

B.S., Liberty University; M.S.L.S., Clarion University. At LU since 1991.

**Metallo, Thomas J.; A.B., M.A., Ph.D.**

*Associate Professor of Government*

A.B., Indiana Wesleyan University; M.A., Regent University; Ph.D., University of Miami. At LU since 2004.

**Metzgar, Terry; B.S., Ph.D.**

*Associate Professor of Computer Science*

B.S., Bob Jones University; Ph.D., University of Tennessee. At LU since 1996.

**Meyer, David W.; B.S.**

*Assistant Professor of Studio and Digital Arts*

B.S., Liberty University. At LU since 2012.

**Michael, Kurt Y.; B.S., M.A., Ph.D.**

*Associate Professor of Education*

B.S., M.A., East Carolina University; Ph.D., Virginia Polytechnic Institute and State University. At LU since 2012.

**Miller, Annik; B.A.**

*Assistant Professor of German and French*

B.A., Dolmetscherschule Zurich. At LU since 2013.

**Miller, Carlotta; B.S., M.A.T.**

*Instructor of Developmental Mathematics*

B.S., M.A.T., Fayetteville State University. At LU since 2008.

**Miller, Craig M.; B.A., M.A., Ph.D.**

*Assistant Professor of Religion*

B.A., Central Bible College; M.A., Assemblies of God Theological Seminary; Ph.D., Regent University. At LU since 2006. (D)

**Miller, Douglas; B.A., M.F.A.**

*Associate Professor of Cinematic Arts*

B.A., Buffalo State; M.F.A., Goddard College. At LU since 2012.

**Miller, Kathryn; B.S.N., M.S.N.**

*Director, Simulation and Clinical Readiness*

*Assistant Professor of Nursing*

B.S.N., M.S.N., Liberty University. At LU since 2010.

**Miller, Linda; R.N., B.S.N., M.S.N., Ed.D.**

*Professor of Nursing*

B.S.N., University of South Carolina; M.S.N., Ed.D., University of Virginia. At LU since 2008.

**Miller, Pamela R.; B.S., M.A.**

*Programming Director, Student Productions*

*Assistant Professor of Communication*

B.S., Indiana University of Pennsylvania; M.A., Regent University. At LU since 2012.

**Miller, Randy L.; B.S., M.S.**

*Graduate Research Assistance Coordinator*

*Jerry Falwell Library*

B.S., Pillsbury Baptist Bible College; M.S., Minnesota State University. At LU since 2004.

**Miller, Ronald; B.A., M.S.**

*Associate Dean, Helms School of Government*

*Assistant Professor of Government*

B.A., M.S., Troy University. At LU since 2011.

**Mills, Rachel; B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.S.N., M.S.N., Liberty University. At LU since 2009.

**Milnor, Michael; B.S., M.A.**

*Assistant Professor of Criminal Justice*

B.S. Averett University; M.A., Liberty University. At LU since 2013.

**Mines, Wendy L.; B.S., M.S.**

*Instructor of Business*

B.S., Virginia Polytechnic Institute and State University; M.S., University of Delaware. At LU since 2008. (D)

**Mintle, Norman C.; B.A., M.A., Ph.D.**

*Dean, School of Communication and Creative Arts*

*Associate Professor*

B.A., Evangel University; M.A., Western Michigan University, Ph.D., Regent University. At LU since 2012.

**Miraldi, Keith R.; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2006. (D)

**Mitchell, Kimberly; B.S., M.S., Ph.D.**

*Assistant Professor of Biology*

B.S., Liberty University; M.S., Ph.D., University of Virginia. At LU since 2009.

**Mitchell, Michael R.; B.A., M.Div.**

*Instructor of Religion*

B.A., Colorado Christian University; M.Div., Denver Seminary. At LU since 2007. (D)

**Molloy, James; B.S., M.S.**

*Associate Professor of Aeronautics*

B.S., University of Illinois; M.S., Embry-Riddle Aeronautical University. At LU since 2013.

**Monroy, Hansel M.; B.S.E.E., M.B.A.**

*Instructor of Information Technology*

B.S.E.E., M.B.A., Purdue University. At LU since 2010. (D)

**Monroy, Rachel M.; B.S., B.A., M.A., Ph.D.**

*Assistant Professor of History*

B.S., B.A., M.A., Liberty University; Ph.D., University of South Carolina. At LU since 2012. (D)

**Moore, Edward M.; B.S., M.B.A., Ph.D.**

*Professor of Business*

B.S., Southern Illinois University; M.B.A., University of Phoenix; Ph.D., Capella University. At LU since 2007.

**Moore, Erin; B.S., M.S., ATC**

*Approved Clinical Preceptor*

*Assistant Athletic Trainer*

B.S., University of New Hampshire; M.S., James Madison University. At LU since 2011.

**Morgan, Justin K.; B.A., M.A.**

*Instructor of English*

B.A., M.A., Liberty University. At LU since 2013. (D)

**Morgan, Kathie; B.S., M.Ed., Ed.D.**

*Professor of Education*

B.S., Liberty University; M.Ed., Ed.D., University of Virginia. Additional graduate work at Oxford University. At LU since 1995.

**Moroz, Samantha L.; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2010. (D)

**Morrison, John; B.A., M.A., M.Div., Th.M., Ph.D.**

*Professor of Theology*

B.A., University of Montana; M.Div., Th.M., Western Conservative Baptist Seminary; M.A., Ph.D., University of Virginia. At LU since 1983.

**Moten, James; B.S., M.B.A., M.S., Ph.D.**

*Assistant Professor of Business*

B.S., University of Tampa; M.B.A., Cameron University; M.S., Florida Institute of Technology; Ph.D., Northcentral University. At LU since 2007. (D)

**Motte, Kristy A., B.S., M.Ed., Ed.S.**

*Instructor of Information Technology*

B.S., M.Ed., Ed.S., Liberty University. At LU since 2012. (D)

**Moulton, Brian; B.A., Th.M., Ph.D.**

*Assistant Professor of Religion*

B.A., Northwestern College; Th.M. Dallas Theological Seminary; Ph.D., Dallas Theological Seminary. At LU since 2010. (D)

**Moylan, Joel; B.S.**

*Instructor of Mathematics*

B.S., Liberty University. At LU since 2011. (D)

**Muender, Melissa; B.A., M.A.**

*Instructor of Business*

B.A., University of North Carolina-Charlotte; M.A., University of North Carolina-Greensboro. At LU since 2007. (D)

**Mullen, Faith; A.D., B.A., M.A., Ph.D.**

*Professor of Digital Media and Communication Arts*

A.D., Grace College; B.A., Grace Bible College; M.A., Ph.D., University of Nebraska-Lincoln. At LU since 2003.

**Mullen, William; B.A., M.Div., Ph.D.**

*Professor of Digital Media and Communication Arts*

B.A., Grace College of the Bible; M.Div., Grace Theological Seminary; Ph.D., University of Nebraska-Lincoln. At LU since 2002.

**Müller, Paul; B.A., M.A., Ph.D.**

*Associate Professor of English and Linguistics*

B.A., University of Tennessee; M.A., University of Texas at Arlington; Ph.D., Louisiana State University. At LU since 1991.

**Muller, Stephen; B.M.Ed., M.M., D.Min.**

*Assistant Professor of Music Education*

B.M.Ed., University of Texas (El Paso); M.M., New Mexico State University; D.Min., Bakke Graduate University. At LU since 2013.

**Murphy, Cara L.; B.A., M.A.**

*Instructor of Religion*

B.A., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2008. (D)

**Murphy, Charles; B.A., B.R.E., M.A., Ph.D.**

*Professor of Government*

B.A., Oklahoma State University; B.R.E., Temple Baptist Seminary; M.A., Oklahoma State University; Ph.D., University of Tennessee. At LU since 2005.

**Mutie, Jeremiah; B.Th., Th.M.**

*Instructor of Religion*

B.Th., Scott Theological College; Th.M., Dallas Theological Seminary. At LU since 2009. (D)

**Myers, Ramona D.; B.A., M.A.**

*Instructor of English*

B.A., Old Dominion University; M.A., Liberty University. At LU since 2011.

**Naylor, Michael P.; B.A., M.Div.**

*Instructor of Religion*

B.A., Moody Bible Institute; M.Div., Trinity Evangelical Divinity School. At LU since 2010. (D)

**Neace, Ryan T.; B.A., M.A.**

*Instructor of Psychology*

B.A., M.A., Liberty University. At LU since 2009. (D)

**Neipp, Daryl A.; B.S., M.A., D.Min.**

*Assistant Professor of Religion*

B.S., Baptist Bible College; M.A., Tyndale Seminary; D.Min. Tennessee Temple University. At LU since 2010. (D)

**Nelson, Christopher; B.S., M.F.A.**

*Assistant Professor of Theatre Arts*

B.S., Liberty University; M.F.A., Regent University. At LU since 2008.

**Nelson, Durrell; B.A., M.P.W., M.F.A.**

*Assistant Professor of Cinematic Arts*

B.A., Woodbury University; M.P.W., University of Southern California; M.F.A., Queens University of Charlotte. At LU since 2013.

**Nelson, Robert; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2009. (D)

**Nemitz, David; B.R.E., M.A., D.Min.**

*Director, Center for Curriculum Development*

*Associate Professor of Religion and Instructional Design*

B.R.E., Baptist Bible College of Pennsylvania; M.A., M.A., Dallas Theological Seminary; D.Min; Grand Rapids Theological Seminary; doctoral studies at Liberty University. At LU since 2006.

**Nickens, Rodney M.; B.A., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.A., Wingate University; M.Div., Ph.D., Southern Baptist Theological Seminary. At LU since 2009. (D)

**Nix, Andrew D.; B.A., M.Div.**

*Instructor of Religion*

B.A., Kennesaw State University; M.Div., Liberty Baptist Theological Seminary. At LU since 2008. (D)

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

*Director of Honors Program*

*Professor of English*

B.A., Tennessee Temple University; M.A., Marshall University; M.Ed., University of Virginia; D.A., University of Mississippi. At LU since 1985.

**Oakley, Shelley; B.S., M.L.I.S.**

*Curriculum Librarian*

*Jerry Falwell Library*

B.S., Liberty University; M.L.I.S., University of Wisconsin. At LU since 2013.

**Obradovich, John; B.S., M.S., Ph.D.**

*Assistant Professor of Business*

B.S., Michigan State University; M.S., Amberton University; Ph.D., Capella University. At LU since 2011. (D)

**Olarewaju, Samuel A.; B.S.C., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.S.C., Houghton College; M.Div., Ph.D., Trinity International University. At LU since 2010. (D)

**Olson, Nicholas; B.A., M.A.**

*Assistant Professor of English*

B.A., M.A., Liberty University. At LU since 2013.

**Orr, Douglas A.; B.A., M.A., Ph.D.**

*Assistant Professor of Criminal Justice*

B.A., Bob Jones University; M.A., Gonzaga University; Ph.D., Washington State University. At LU since 2006. (D)

**Osborne, Chris D.; B.A., M.S., Ph.D.**

*Assistant Professor of Biology*

B.A., California State University; M.S., Institute for Creation Research; Ph.D., Loma Linda University. At LU since 2009. (D)

**Owens, Howard D.; B.S., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.S., Georgia Institute of Technology; M.Div., Columbia International University; Ph.D., New Orleans Baptist Theological Seminary. At LU since 2009. (D)

**Page, Terri; R.N., B.S.N., M.S.N., F.N.P.**

*Assistant Professor of Nursing*

B.S.N., Liberty University; M.S.N., F.N.P., University of Virginia. At LU since 2004.

**Palmer, Eva; B.S., M.F.A., M.A.**

*Associate Professor of Studio and Digital Arts*

B.S., Old Dominion University; M.F.A., M.A., James Madison University. At LU since 2005.

**Pang, Katherine; A.B.D., B.A., J.D., L.L.M., Th.M., M.Div., M.Ed., M.S., M.B.A., Ph.D.**

*Assistant Professor of Criminal Justice*

A.B.D., Dallas Theological Seminary; B.A., Clark University; J.D., University of Dayton School of Law; L.L.M., Georgetown University School of Law; Th.M., Talbot School of Theology Biola University; M.Div., Talbot School of Theology Biola University; M.Ed., University of Texas; M.S., Texas A&M; M.B.A., Texas A&M; Ph.D., Texas A&M. At LU since 2012 (D)

**Pantana, John J.; B.S., M.Ed., Ed.D.**

*Professor of Education*

B.S., Bob Jones University; M.Ed., Georgia State University; Ed.D., University of Virginia. At LU since 1975.

**Parke, Stephen M.; B.S., J.D., LL.M.**

*Associate Dean, Helms School of Government*

*Associate Professor of Criminal Justice*

B.S., University of South Dakota; J.D., University of South Dakota School of Law; LL.M., the Judge Advocate General's School. At LU since 2006.

**Parker, Karen; B.A., M.S., Ed.D.**

*Dean, School of Education*

*Professor of Education*

B.A., Tennessee Temple University; M.S., Florida International University; Ed.D., University of Miami. At LU since 1986.

**Parker, Leonard W.; B.A., M.S., Ed.D.**

*Professor of Education*

B.A., Tennessee Temple University; M.S., Pensacola Christian College; Ed.D., Nova University. Additional work at Florida International University and Luther Rice Seminary. At LU since 1986.

**Parker, W. Edwin; B.M.; M.M.**

*Assistant Professor of Jazz Studies*

B.M., Eastman School of Music; M.M., Manhattan School of Music. At LU since 2013.

**Parson, Monica; B.S., M.Ed., Ed.D.**

*Associate Professor of Health Professions*

B.S., Liberty Baptist College; M.Ed., Ed.D. University of Virginia. At LU since 2005.

**Partridge, Ashley.; B.S., M.S.**

*Instructor of Business*

B.S., M.S., Liberty University. At LU since 2012. (D)

**Patrick, Susan; B.A., M.A., J.D.**

*Assistant Professor of Paralegal Studies*

B.A., M.A., Marshall University; J.D., Liberty University School of Law. At LU since 2012. (D)

**Patterson, Heather R.; B.A., M.A.**

*Instructor of Information Technology*

B.A., M.A., Liberty University. At LU since 2012. (D)

**Patterson, Rory; B.A., M.A., M.L.I.S.**

*Coordinator, Undergraduate and Online Research Assistance  
Jerry Falwell Library*

B.A., Cedarville University; M.A., Miami University; M.L.I.S., University of Oklahoma. At LU since 2008.

**Patton, Wayne; B.A., M.A.R., M.Div.**

*Associate Dean, College of General Studies*

*Assistant Professor of Religion*

B.A., University of North Carolina at Charlotte; M.A.R., M.Div., Liberty Baptist Theological Seminary. At LU since 2009.

**Paul, Heather L.; B.S.**

*Instructor of English*

B.S., Liberty University. At LU since 2006. (D)

**Peniche, Suzanne S.; B.S.W., M.Ed.**

*Instructor of Psychology*

B.S.W., Virginia Commonwealth University; M.Ed., Lynchburg College; additional graduate studies at Lynchburg College. At LU since 2010. (D)

**Penner, Suzanne Irene S.; B.A., M.A., Ed.D.**

*Instructor of English*

B.A., Indiana Wesleyan University; M.A., Bridgewater State College; Ed.D., Liberty University. At LU since 2010. (D)

**Pensgard, David R.; B.A., M.A.**

*Instructor of Philosophy*

B.A., Northwestern University; M.A., Liberty University. At LU since 2009. (D)

**Perry, Cynthia G.; B.A., M.S.**

*Instructor of Mathematics*

B.A., Malone College; M.S., University of Akron. At LU since 2007. (D)

**Perry, Tony; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., Bluefield College; M.B.A., American Intercontinental University; Ph.D., Walden University. At LU since 2009. (D)

**Peterson, Charles; B.A, M.A.**

*Instructor of Spanish*

B.A., South Dakota State University; M.A., University of Iowa. At LU since 2012.

**Peterson, Douglas G.; B.S., M.R.E.**

*Instructor of Religion*

B.S., Liberty University; M.R.E., Grand Rapids Theological Seminary. At LU since 2006. (D)

**Pettiford, Carl; B.S., M.S., Ph.D.**

*Chair, Department of Engineering*

*Associate Professor of Electrical Engineering*

B.S., University of Hawaii, Manoa; M.S., University of Dayton; Ph.D., Northeastern University. At LU since 2009.

**Pettit, Alison; A.A.S., B.S., M.B.A.**

*Assistant Professor of Information Technology*

A.A.S., Central Virginia Community College; B.S., Averett University; M.B.A., Lynchburg College. At LU since 2008.

**Phillips, Christopher S.; B.A., M.F.A.**

*Instructor of Studio and Digital Arts*

B.A., M.F.A., Pensacola Christian College. At LU since 2011.

**Phillips, Scott; Th.G., B.A., M.A.B.S., M.Div., Th.M., D.Min.**

*Department Chair, School of Religion*

*Associate Professor of Religion*

Th.G., B.A., Baptist Bible College; M.A.B.S., M.Div., Baptist Bible Graduate School of Theology; Th.M., D.Min., Liberty Theological Seminary. At LU since 1994.

**Pickard, J. Vance; B.S., M.A.T., Ed.D., ATC**

*Director, Athletic Training Program*

*Associate Professor of Health Professions*

B.S., University of Texas at El Paso; M.A.T., Western New Mexico; Ed.D., Sam Houston State University. At LU since 2003.

**Pickard, Kathy; B.S., M.Ed.**

*Director, Field Placement*

*Instructor of Education*

B.S., University of Texas at Austin; M.Ed., University of Houston at University Park. At LU since 2007. (D)

**Pinder, Haley L., B.S., M.Ed.**

*Instructor of Psychology*

B.S., M.Ed., Liberty University. At LU since 2011. (D)

**Pinkney, Mark; B.A., M.B.A.**

*Instructor of Business*

B.A., Morehouse College; M.B.A., Benedictine University; doctoral studies at Walden University. At LU since 2012. (D)

**Pittman, Paul M.; B.S., M.B.A.**

*Instructor of Business*

B.S., M.B.A., Liberty University. At LU since 2006. (D)

**Plomaritas, Danielle R.; B.S., M.Ed.**

*Instructor of Biology*

B.S., Liberty University; M.Ed., Lynchburg College. At LU since 2009. (D)

**Poole, Melesa; B.S., M.S., Ph.D.**

*Associate Professor of Information Systems*

B.S., Concord University; M.A., Ph.D., Virginia Polytechnic and State University. At LU 2009-2011; 2013-present.

**Porter, Daniel F.; B.S., M.A.**

*Instructor of Religion*

B.S., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2010. (D)

**Powell, Brian; B.A., B.A., M.A.**

*Instructor of English*

B.A., B.A., M.A., Clemson University. At LU since 2010. (D)

**Powell, Thomas A.; B.S., M.A.R., D.Min.**

*Assistant Professor of Religion*

B.S., Virginia Commonwealth University; M.A.R., D.Min., Liberty Baptist Theological Seminary. At LU since 2008. (D)

**Pratt, Cindy Suzanne; B.S., M.A.**

*Instructor of Psychology*

B.S., Arizona State University; M.A., Regent University. At LU since 2006. (D)

**Preacher, Stephen P.; B.A., M.S., M.B.A., D.B.A.**

*Professor of International Business*

B.A., Bob Jones University; M.S., M.B.A., National University; D.B.A., United States International University; additional graduate work at Westminster Theological Seminary. At LU from 1980–1986; 2002 to present.

**Price, J. Randall; B.A., Th.M., Ph.D.**

*Executive Director, Center for Judaic Studies*

*Professor of Jewish Studies*

B.A., Texas State University; Th.M., Dallas Theological Seminary; Ph.D., University of Texas. At LU since 2007.

**Pride, Marseille “Marcy”; B.A., M.A., M.L.S.**

*Dean, The Jerry Falwell Library*

B.A., Spelman College; M.A., Antioch University; M.L.S., University of Maryland. At LU 2006-2009; 2012-present.

**Prior, Karen S.; B.A., M.A., Ph.D.**

*Professor of English*

B.A., Daemen College; M.A., Ph.D., SUNY at Buffalo. At LU since 1999.

**Protzman, Danika; B.S., TESL**

*Lecturer in English Language Institute*

B.S., Liberty University; TESL Certificate, Seattle University. At LU since 2012.

**Provenzola, Thomas, A.; B.R.E., Th.M, Ph.D.**

*Professor of Philosophy and Theology*

B.R.E., William Tyndale College; Th.M., Dallas Theological Seminary; Ph.D., Trinity International University. At LU since 2004.

**Pruitt, Randall; B.S., M.A., Ph.D.**

*Professor of Digital Media and Communication Arts*

B.S., University of Wisconsin–Lacrosse; M.A., Regent University; Ph.D., Bowling Green State University. At LU since 2007.

**Putney, Nathan; B.A., M.Ed., Ed.D.**

*Associate Professor of Mathematics*

B.A. Southern Wesleyan University; M.Ed., Clemson University; Ed.D., University of South Florida. At LU since 2007.

**Putney, Stephen; Th.B., Th.M., D.Min.**

*Assistant Director of Christian/Community Service*

*Associate Professor of Biblical Worldview*

Th.B., Piedmont Bible College; Th.M., Grace Theological Seminary; D.Min., Trinity Evangelical Divinity School; graduate studies, Jerusalem University College. At LU since 2005.

**Pyle, John F.; B.Th., B.S., J.D.**

*Assistant Professor of Criminal Justice*

B.Th., Life Bible College East; B.S., Liberty University; J.D., Wake Forest University. At LU since 2006. (D)

**Qualls, Lisa A.; B.S.Ed., M.M.**

*Instructor of Communication Studies*

B.S.Ed., Missouri Southern State University; M.M., Pittsburg State University. At LU since 2007. (D)

**Rader, Jeremy J.; B.S., M.A.R.**

*Instructor of Religion*

B.S., Grove City College; M.A.R., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Randlett, Doug; B.A., M.A., M.Ed., D.Min.**

*Associate Professor of Church Ministries*

B.A., Free Will Baptist Bible College; M.A. George Peabody College for Teachers of Vanderbilt University; M.Ed. Lynchburg College; D.Min., Liberty Baptist Theological Seminary. At LU 1978-2000, 2008 to present.

**Randlett, Paul; B.S., M.A.**

*Acting Chair, Department of Music and Worship*

*Assistant Professor of Music and Worship*

B.S., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2010.

**Rasberry, Rick; B.A., M.Ed., M.A.R., D.Min.**

*Department Chair, School of Religion*

*Associate Professor of Religion*

B.A., Free Will Baptist Bible College; M.Ed., Hyles-Anderson College; M.A.R., D.Min., Liberty Baptist Theological Seminary. At LU since 1991.

**Rasberry, Tamra; R.N., B.S.N., M.S.N.**

*Assistant Professor of Nursing*

B.S.N., Liberty University; M.S.N., University of Virginia. At LU since 1997.

**Rawlins, Brandi; B.S.N., , M.S.N.**

*Instructor of Nursing*

B.S.N., M.S.N., Liberty University. At LU since 2009. (D)

**Rawls, Dennis E.; B.S., M.S.**

*Instructor of Humanities*

B.S., West Texas State; M.S., Pensacola State College. At LU since 2008. (D)

**Rawls, Kevin; B.S., M.A.R., M.B.A.**

*Chair, General Education*

*Instructor of Business (CGS)*

B.S., M.B.A., Liberty University; M.A.R., Liberty Baptist Theological Seminary; doctoral studies at Northcentral University. At LU since 2011.

**Rawls, Sandra K.; B.S.Ed., M.S.**

*Instructor of Humanities*

B.S.Ed., M.S., Pensacola Christian College. At LU since 2010. (D)

**Reed, Kenneth; A.S., B.A., M.A., Ph.D.**

*Associate Professor of Modern Languages*

A.S., Virginia Western Community College; B.A., Washington and Lee University; M.A., Ph.D., Georgetown University. At LU since 2012.

**Reichard, Walter H.; B.A., M.B.A., FAA COMM, CFI, CFII, MEI, ATP, CL-65, EMB-120, C-382**

*Associate Professor of Aviation*

B.A., The Citadel; M.B.A., Embry Riddle Aeronautical University. At LU since 2007.

**Reichenbach, Norman G.; B.S., M.S., Ph.D.**

*Director, General and Organismal Biology*

*Professor of Biology*

B.S., M.S., Ph.D., Ohio State University. At LU from 1990-1991; 1997 - present.

**Reynolds, Paul E.; B.F.A., M.I.S.**

*Assistant Professor of Studio and Digital Arts*

B.F.A., M.I.S., Virginia Commonwealth University. At LU since 2007.

**Rice, Angela; B.A., M.L.S.**

*Learning Commons Coordinator*

*Jerry Falwell Library*

B.A., Longwood College; M.L.S., Syracuse University. At LU since 2013.

**Rice, Sarah C.; B.S.**

*Instructor of English*

B.S., Liberty University. At LU since 2007. (D)

**Rich, Robert K.; B.S., M.S.**

*Assistant Professor of Engineering*

B.S., Liberty University; M.S., North Carolina State University. Doctoral studies at Virginia Polytechnic Institute and State University. At LU since 2009.

**Richardson, Eric; A.A., B.S., M.B.A., Ph.D.**

*Chair, Department of Human Resources, International Business, Management, Project Management*

*Associate Professor of Business*

A.A., Southwest Virginia Community College; B.S., University of Virginia College of Wise; M.B.A., Liberty University; Ph.D., Capella University. At LU since 2013.

**Richardson, Nancy A.; B.S., M.S., Ph.D.**

*Associate Professor of Chemistry*

B.S., Bob Jones University; M.S., Texas A&M University; Ph.D., University of Georgia. At LU since 2006.

**Richey, Brent E.; B.S., M.S.**

*Instructor of Mathematics*

B.S., Liberty University; M.S., Virginia Commonwealth University. At LU since 2009. (D)

**Rick, Kenneth W.; M.A.**

*Instructor of Religion*

M.A., Wheaton College. At LU since 2006. (D)

**Rickmond, Heath S.; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Southern Baptist Theological Seminary. At LU since 2008. (D)

**Rife, Charles; B.A., M.A., M.Div., Ed.S., LPC, LMFT**

*Instructor of Psychology*

B.A., Southeastern Bible College; M.A., Liberty Baptist Theological Seminary; M.Div., Grace Theological Seminary; Ed.S., Lynchburg College. At LU since 2010. (D)

**Ritchey, Jeffrey; B.A., M.Div., M.A.R.E., Ph.D.**

*Associate Chair, Department of Global Studies*

*Assistant Professor of Global Studies*

B.A., Hardin-Simmons University; M.Div., M.A.R.E., Ph.D., Southwestern Theological Seminary. At LU since 2009.

**Ritchie, Robert; B.A., M.A.**

*Assistant Professor of Geography and History*

B.A., The Citadel; M.A., American Military University. At LU since 2007.

**Roach, Lori; B.A., M.A.**

*Instructor, English Language Institute*

B.A., Nyack College; M.A., Bowling Green State University. At LU since 2011.

**Roberts, Carey; B.A., M.A., Ph.D.**

*Associate Dean, College of Arts and Sciences*

*Chair, Department of History*

*Professor of History*

B.A., University of Southern Mississippi; M.A., Ph.D., University of South Carolina. At LU since 2013.

**Roberts, Clint C.; B.A., M.Div., D.Litt.**

*Assistant Professor of Philosophy*

B.A., Oklahoma Baptist University; M.Div., Southwestern Baptist Theological Seminary; D.Litt., University of South Africa. At LU since 2006. (D)

**Robinette, Kimberly; R.N., B.S.N., M.S.N., D.N.P.**

*Associate Professor of Nursing*

B.S.N., M.S.N., Jefferson College of Health Sciences; D.N.P., Case Western Reserve University. At LU since 2012.

**Robinson, Christopher; B.A., M.A., Ed.S.**

*Instructor of English*

B.A., Longwood University; M.A., Ed.S., Liberty University. At LU since 2007. (D)

**Robinson, Katie; B.A., M.A.**

*Instructor of English*

B.A., Longwood University; M.A., Liberty University. At LU since 2007. (D)

**Rockinson-Szapkiw, Amanda J.; B.S., M.A., Ed.D.**

*Chair, Doctoral Research, School of Education*

*Assistant Professor of Education*

B.S., Huntington College; M.A., Ed.D., Regent University. At LU since 2009.

**Rodriguez, Daryl F.; B.F.A., Th.M., D.Min.**

*Assistant Professor of Religion*

B.F.A., University of Texas-San Antonio; Th.M., Dallas Theological Seminary; D.Min., Southern Evangelical Seminary. At LU since 2010. (D)

**Rogers, J. Ernie; B.B.A., M.A., FAA COMM, CFI, CFII, ME, MEL, ATP, HELO, INST**

*Associate Dean, School of Aeronautics*

*Associate Professor of Aeronautics*

B.S., Howard Payne University; M.A., Salva Regina University; M.A., Naval War College. At LU since 1998.

**Rogers, Teresa L.; B.S., M.A.**

*Instructor of Psychology*

B.S., Howard Payne University; M.A., Liberty University. At LU since 2008. (D)

**Rosewell, Ryan B.; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2008. (D)

**Ross, Marcus; B.S., M.S., Ph.D.**

*Assistant Director of Creation Studies*

*Associate Professor of Geology*

B.S., Pennsylvania State University; M.S., South Dakota School of Mines and Technology; Ph.D. University of Rhode Island. At LU since 2005.

**Ross, Terry J.; B.S., M.Div.**

*Instructor of Religion*

B.S., Georgia College and State University; M.Div., Liberty Baptist Theological Seminary. At LU since 2010. (D)

**Roth, Lauren J.; B.A., M.A.**

*Instructor of English*

B.A., M.A., Liberty University. At LU since 2010. (D)

**Rumrill, Paul; B.A., M.M., D.M.A.**

*Chair, Department of Music Education and Applied Music Studies*

*Associate Professor of Music and Worship*

B.A., M.M., University of Connecticut; D.M.A., Eastman School of Music. Additional graduate studies at Bethel University. At LU since 2008.

**Runion, Garth E.; B.S. Ed., M.A., Ph.D.**

*Professor of Mathematics*

B.S. Ed., Illinois State Normal University; M.A., University of Northern Iowa; Ph.D., University of Illinois at Urbana-Champaign. At LU from 1977-1986; 2006-present.

**Russell, Daniel R.; B.A., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.A., Appalachian Bible College; M.Div., Ph.D., New Orleans Baptist Theological Seminary. At LU since 2008. (D)

**Saez, Megan E.; B.S., M.A., Ph.D.**

*Assistant Professor of Business*

B.S., Lee University; M.A., Ph.D., University of Phoenix. At LU since 2009. (D)

**Sailer, Donathan P.; B.A., M.Div., D.Min.**

*Assistant Professor of Religion*

B.A., Grace College; M.Div., Trinity International University; D.Min., Gordon-Conwell Theological Seminary. At LU since 2007. (D)

**Samms, Daniel C.; B.A., M.A.**

*Instructor of Religion*

B.A., M.A., Liberty University. At LU since 2009. (D)

**Samms, Deana T.; B.S., M.A.**

*Instructor of Psychology*

B.S., West Virginia University; M.A., Liberty University. At LU since 2007. (D)

**Samson, Steven Alan; B.A., M.A., Ph.D.**

*Professor of Government*

B.A., M.A., University of Colorado; Ph.D., University of Oregon. At LU since 1998.

**Samuel, Kimberly L.; B.S., M.Div.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Southeastern Baptist Theological Seminary. At LU since 2009. (D)

**Sanders, Johnny L.; B.A., J.D.**

*Assistant Professor of Criminal Justice*

B.A., Northeast Louisiana University; J.D., Louisiana State University. At LU since 2011. (D)

**Sanders, Lynné; R.N., B.S.N., M.S.N., Ed.D.**

*Professor of Nursing*

B.S.N., Liberty University; M.S.N., University of Virginia; Ed.D., University of Virginia. At LU since 1993.

**Sandlin, Judy R.; B.S., M.S., Ph.D.**

*Assistant Professor of Health Professions*

B.S., Louisiana Tech University; M.S., Baylor University; Ph.D., Texas A&M University. At LU since 2000. (D)

**Sansom, Rockford A.; B.A., M.F.A.**

*Assistant Professor of English*

B.A., University of West Florida; M.F.A., University of Central Florida. At LU since 2010. (D)

**Satterlee, Anita G.; B.S., M.A., Ed.D.**

*Associate Dean, School of Business*

*Professor of Business*

B.S., Florida Southern College; M.A. Webster University; Ed.D., Liberty University. At LU since 2004.

**Satterlee, Brian; B.S., M.S., Ed.D., D.B.A.**

*DBA Program Director*

*Professor of Business*

B.S., Southwest University; M.S., Central Michigan University; Ed.D., Nova Southeastern; D.B.A., University of Sarasota. At LU since 2001.

**Sattler, Abigail R.; B.S., M.S.**

*Archivist, Jerry Falwell Library*

B.S., Liberty University; M.S., University of Tennessee. At LU since 2005.

**Sattler, Eugene; B.S., M.S., Ph.D.**

*Professor of Biology*

B.S., University of Toledo; M.S., Ohio State University; Ph.D., University of Maryland. At LU since 1996.

**Sattler, Paul W.; B.S., M.S., Ph.D.**

*Professor of Biology*

B.S., University of Toledo; M.S., Miami University; Ph.D., Texas Tech University. At LU since 1985.

**Saunders, Wallace S.; B.A., B.B.A., M.B.A., D.B.A.**

*Assistant Professor of Business*

B.A., Washington Bible College; B.B.A., Northwood University; M.B.A., Liberty University; D.B.A., University of Sarasota. At LU since 2008. (D)

**Saxon, Timothy; B.A., M.Div., M.A., Ph.D.**

*Associate Professor of History*

B.A., Averett College; M.Div., Southeastern Baptist Theological Seminary; M.A., Ph.D., University of Virginia. At LU since 2003.

**Scarlett, J. Tyler; B.S., M.A.R., M.Div., D.Min.**

*Assistant Professor of Pastoral Leadership*

B.S., M.A.R., Liberty University; M.Div., D.Min., Southeastern Theological Seminary. At LU since 2012. (D)

**Schlabra, Lisa W.; B.S., M.S., Ed.S., Ed.D.**

*Assistant Professor of Education*

B.S., M.S., North Georgia College; Ed.S., Lincoln Memorial University; Ed.D., Liberty University. At LU since 2009. (D)



**Schlomann, Nathanael T.; B.S., M.A.**

*Instructor of Religion*

B.S., Liberty University; M.A., Liberty Baptist Theological Seminary. At LU since 2009. (D)

**Schmal, David; B.S., B.A.Ed., M.A., M.A.Ed., D.M.A.**

*Associate Professor of Commercial Music*

B.S., University of Colorado; B.A.Ed., Metropolitan State College; M.A., University of Colorado (Denver); M.A.Ed., University of Colorado (Boulder); D.M.A., Boston University. At LU since 2013.

**Schmidt, Cynthia; B.S., M.S.**

*Head, Communication and Customer Services*

*Jerry Falwell Library*

B.S., M.S., Longwood College. At LU since 2010.

**Schmidt, Mark R.; B.S., M.A., Ph.D.**

*Professor of English*

B.S., Dallas Bible College; M.A., University of Texas, Dallas; M.A., Wheaton College; Ph.D., University of Texas, Arlington. At LU since 2003.

**Schoffstall, Heather J.; B.S., M.S., Ed.D.**

*Executive Director for Academics, Center for Academic Support and Advising Services*

*Associate Professor of the Bruckner Learning Center*

B.S., M.S., Old Dominion University; Ed.D., Argosy University. At LU since 2003.

**Schoffstall, James; B.S., M.S.Ed., Ed.D., C.S.C.S., H.F.S., C.I.F.T., R.C.E.P., F.A.C.S.M.**

*Chair, Department of Health Professions*

*Director, Human Performance Laboratory*

*Professor of Health Professions*

B.S., M.S.Ed., Old Dominion University; Ed.D., Liberty University; additional studies at the University of Virginia. At LU since 2001.

**Schreiner, Aaron; B.S., M.S., ATC**

*Approved Clinical Preceptor*

*Senior Associate Athletic Trainer*

B.S., Taylor University; M.S., University of Toledo. At LU since 2006.

**Schultz, Roger; B.A., M.A., Ph.D.**

*Dean, College of Arts and Sciences*

*Professor of History*

B.A., Bemidji State University; M.A., Trinity Evangelical Divinity School; Ph.D., University of Arkansas. Additional studies at Bethel Theological Seminary. At LU since 2002.

**Schultze, Stephan; B.A., M.A.**

*Executive Director, Center for Cinematic Arts*

B.A., Appalachian State University; M.A., Northern Arizona University. At LU since 2011.

**Schwartz, Stuart; B.A., M.A., M.A., Ph.D.**

*Professor of Digital Media and Communication Arts*

B.A., University of Connecticut; M.A., Fairfield University; M.A., Liberty Baptist Theological Seminary; Ph.D., Temple University. At LU since 2005.

**Schwedt, Rachel E.; B.A., M.L.S.**

*Associate Dean, Research and Customer Services*

*Jerry Falwell Library*

B.A., Roberts Wesleyan College; M.L.S., University of New York. At LU since 1997.

**Schweitzer, David; B.S., Ph.D.**

*Associate Professor of Mathematics*

B.S., Liberty University; Ph.D., Lehigh University. At LU since 2012.

**Scott, Jeffrey R.; B.S., M.Div., D.Min.**

*Assistant Professor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary; D.Min., Dallas Theological Seminary. At LU since 2006. (D)

**Scott, William; B.A., M.R.E., Ed.D.**

*Associate Professor of Psychology*

B.A., East Texas Baptist University; M.R.E., Southwestern Baptist Theological Seminary; Ed.D., New Orleans Baptist Theological Seminary. At LU since 1992.

**Seipp, Lynn; B.F.A, M.M., D.M.**

*Assistant Professor of Humanities*

B.F.A, University of South Dakota; M.M., West Virginia University; D.M., Florida State University. At LU since 2010. (D)

**Selitto, George; B.S., M.S., Ph.D.**

*Assistant Professor of Mathematics*

B.S., Iona College; M.S., State University of New York at Albany; Ph.D., Columbia University. At LU since 2006. (D)

**Sette-Roach, Zara C.; B.A., M.P.S., J.D.**

*Assistant Professor of Business*

B.A., State University of New York, Potsdam; M.P.S., State University of New York, Stony Brook; J.D., Quinnipiac University School of Law. At LU since 2007. (D)

**Shaneck, Mark; B.S., B.A., M.S., Ph.D.**

*Associate Professor of Computer Science*

B.S., B.A., Rutgers University; M.S., Ph.D., University of Minnesota. At LU since 2007.

**Sharp, David E.; A.B., M.D., Ph.D.**

*Professor of Biology*

A.B., M.D., Ph.D., University of North Carolina at Chapel Hill. At LU since 2011.

**Sheldon, Martin E.; B.A., M.Div., Th.M.**

*Department Chair, School of Religion*

*Assistant Professor of Religion*

B.A., Free Will Baptist Bible College; M.Div., Th.M., Liberty Baptist Theological Seminary. Doctoral studies at Southeastern Baptist Theological Seminary. At LU since 2003.

**Shelton, James B.; B.A., M.A., Ph.D., C.P.A.**

*Professor of Accounting*

B.A., University of Maryland; M.A., Virginia Polytechnic Institute and State University; Ph.D., Virginia Commonwealth University. At LU since 1995.

**Shelton, Patricia A.; B.S., M.S.**

*Instructor of Business*

B.S., Walsh University; M.S., Liberty University. At LU since 2009. (D)

**Sheridan, Earll C.; B.A., M.Div.**

*Instructor of Religion*

B.A., Averett University; M.Div., New Orleans Baptist Theological Seminary. At LU since 2010. (D)

**Sherman, Barbara; A.A., B.A., M.Ed., M.A.**

*Director, Individualized Programs of Study*  
*Associate Professor of Education*

B.A., Potomac State College; B.A., Fairmont State Teacher's College; M.Ed., Lynchburg College; M.A., Liberty University; additional work at Appalachian State University. At LU since 1982.

**Shimel, Amber M.; B.S., M.S.W.**

*Instructor of Psychology*

B.S., Pennsylvania State University; M.S.W., Barry University. At LU since 2008. (D)

**Shultz, Gary L.; B.A., M.A., Ph.D.**

*Assistant Professor of Religion*

B.A., Baptist Bible College; M.A., Baptist Bible Graduate School of Theology; Ph.D., Southern Baptist Theological Seminary. At LU since 2010. (D)

**Siegel, Timothy; B.S., M.A.**

*Systems Librarian*

*Jerry Falwell Library*

B.S., M.A., Liberty University. At LU since 2013.

**Simpson-Alford, Mary; B.S., M.B.A.**

*Chair, Family and Consumer Sciences*

*Assistant Professor of Family and Consumer Sciences*

B.S., M.B.A., Liberty University; doctoral studies at Walden University. At LU since 2006.

**Simpson, Shelah; B.S., M.A.R., M.A.**

*Director, Online Writing Center*

*Assistant Professor of English*

B.S., Liberty University; M.A.R., Liberty Baptist Theological Seminary; M.A., Longwood University. At LU since 2002.

**Sipantzi, Terri; B.S., M.S.**

*Assistant Professor of Computational Sciences*

B.S., M.S., California Polytechnic University. At LU since 2013.

**Sisk, Shane M.; M.Div.**

*Instructor of Religion*

M.Div., Asbury Theological Seminary. At LU since 2009. (D)

**Sites, Elizabeth; B.A., M.A., Ph.D.**

*Associate Professor of Psychology*

B.A., Simmons College; M.A., Ph.D., Liberty University. At LU since 1999.

**Skiver, David M.; B.S., M.S.**

*Instructor of Communication Studies*

B.S., United States Air Force Academy; M.S., University of Colorado. At LU since 2009. (D)

**Skoumbourdis, Evangelos; B.S., M.S., Ed.D.**

*Professor of Physics and Mathematics*

B.S., M.S., Tennessee Technological University; M.S., Oklahoma State University; Ed.D., Oklahoma State University. At LU since 1986.

**Slayton, Sandra Day; B.F.A., M.A., M.F.A.**

*Associate Professor of Studio and Digital Arts*

B.F.A., M.A., Central Michigan University; M.F.A., Radford University. At LU since 1999.

**Sloan, Carla; B.S., M.A.**

*Instructor of Communication Studies*

B.S., Liberty University; M.A., Towson State University; additional graduate studies at the University of Virginia and Lynchburg College. At LU from 1984-1996; 2011 to present.

**Smith, A. Todd; B.S., M.F.A.**

*Chair, Department of Studio and Digital Arts*

*Professor of Studio and Digital Arts*

B.S., M.F.A., Radford University. At LU since 2002.

**Smith, Andrea; B.S., M.S.**

*Instructor of Mathematics*

B.S., Grove City College; M.S., Clemson University. At LU since 2013. (D)

**Smith, Andrew L.; B.A., M.A., Ph.D.**

*Assistant Professor of English*

B.A., Virginia Polytechnic Institute and State University; M.A., West Chester University; Ph.D., University of Missouri. At LU since 2008. (D)

**Smith, Christopher; B.A., M.A., Ph.D.**

*Assistant Professor of History*

B.A., Texas A&M University; M.A., University of Houston; Ph.D., University of Houston. At LU since 2012.

**Smith, Earl; B.S., M.B.A.**

*Associate Dean, School of Business*

*Assistant Professor of Business*

B.S., North Carolina State; M.B.A., University of North Carolina. At LU since 2013.

**Smith, Ethan, B.S., M.S., Ph.D.**

*Assistant Professor of Mathematics*

B.S., Grove City College; M.S., Ph.D., Clemson University. At LU since 2012.

**Smith, Gigi; B.S., M.B.A., D.B.A.**

*Assistant Professor of Business*

B.S., M.B.A., National University; D.B.A., Colorado Technical University. At LU since 2010. (D)

**Smith, Gregory A.; B.A., M.L.S.**

*Director, Finance and Assessment*

*Jerry Falwell Library*

B.A., Baptist Bible College; M.L.S., University of Missouri. At LU since 2009.

**Smith, Kevin S.; B.A., M.A.**

*Instructor of Philosophy*

B.A., Roanoke College; M.A., Liberty University. At LU since 2006. (D)

**Smith, Michael J.; B.S., Th.M., Ph.D.**

*Associate Professor of Biblical Studies*

B.S., Western Michigan University; Th.M., Ph.D., Dallas Theological Seminary. At LU since 2005.

**Smith, Nathaniel J.; B.S., M.B.A.**

*Instructor of Business*

B.S., M.B.A., Liberty University. At LU since 2007. (D)

**Smith, Samuel C.; B.A., M.A., Ph.D.**

*Assistant Chair, Department of History*

*Director, Graduate Program in History*

*Professor of History*

B.A., M.A., Bob Jones University; Ph.D. University of South Carolina. At LU since 2004.

**Smith, Samuel James; B.A., M.A., Ed.D.**

*Director, Administration Program in the School of Education  
Professor of Education*

B.A., Mid-America Christian University; M.A., Grace Theological Seminary; Ed.D., Oklahoma State University. At LU since 2006.

**Smylie, Scott; B.H.S., M.S., J.D.**

*Assistant Professor of Business*

B.H.S., M.S., J.D., University of Florida. At LU since 2007. (D)

**Snead, David; B.A., M.A., Ph.D.**

*Professor of History*

B.A., M.A., Virginia Polytechnic Institute and State University; Ph.D., University of Virginia. At LU since 2004.

**Snyder, Lori Beth; B.A., M.S.L.S.**

*E-Resource Cataloging Librarian*

*Jerry Falwell Library*

B.A., Wilson College; M.S.L.S., Clarion University. At LU since 2010.

**Soden, Ellen M.; B.M.E., M.S.**

*Assistant Professor of Education*

B.M.E., Fort Wayne Bible College; M.S. Indiana University; additional studies at the University of Virginia. At LU since 1975. (D)

**Sones, Ronald; B.S., M.B.A., M.A., Ph.D.**

*Professor of Business Management Information Systems*

B.S., M.B.A., Baylor University; M.A., University of Richmond; Ph.D., Virginia Commonwealth University. At LU since 2004.

**Sosin, David; B.S., M.A.**

*Instructor of Psychology*

B.S., University of Michigan; M.A., Michigan School of Professional Counseling. At LU since 2008. (D)

**Soto, Edward L.; B.A., J.D.**

*Assistant Professor of Criminal Justice*

B.A., Christopher Newport University; J.D., Regent University School of Law. At LU since 2006. (D)

**Sova, Harry W.; B.A., M.A., Ph.D.**

*Professor of Advertising, Public Relations and Journalism*

B.A., University of Wisconsin; M.A., Indiana University; Ph.D., Ohio University. At LU from 2004–2006; 2013-present.

**Spangenburg, Janice; B.S., M.S., Ph.D.**

*Assistant Professor of Business*

B.S., St. Leo University; M.S., Troy University; Ph.D., Regent University. At LU since 2010. (D)

**Spencer, Dwight D.; B.M., M.M.**

*Assistant Professor of Worship and Guitar*

B.M., M.M., University of South Carolina. At LU since 2011.

**Spaulding, Lucinda S.; B.S., M.Ed., Ph.D.**

*Assistant Professor of Education*

B.S., Houghton College; M.Ed., Roberts Wesleyan College; Ph.D., Regent University. At LU since 2009.

**Spohn, R. Terry; B.A., M.S., Ph.D.**

*Associate Director, Center for Creation Studies*

*Professor of Biology*

B.A., M.S., Miami University; Ph.D., Texas Tech University. At LU since 1987.

**Spotts, Thomas Greer; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., University of South Carolina; M.B.A., Webster University; Ph.D., Walden University. At LU since 2010. (D)

**Spotts, Thomas G.; B.M., M.Ed., M.Div., D.Min.**

*Assistant Professor of Religion*

B.M., M.Ed., University of South Carolina; M.Div., Southeastern Theological Seminary; D.Min., Southeastern Baptist Theological Seminary. At LU since 2010. (D)

**Spradlin, Kathy; B.S., M.S., Ed.D.**

*Coordinator, Developmental Mathematics*

*Coordinator, Math Emporium*

*Associate Professor of Developmental Mathematics*

B.S., M.S., Virginia Polytechnic Institute and State University; Ed.D., Liberty University. At LU since 2000.

**Sprano, Timothy; B.S., M.S., Ph.D.**

*Associate Professor of Mathematics*

B.S., Liberty University; M.S., Virginia Polytechnic Institute and State University; Ph.D., University of Idaho. At LU from 1988-1993; 1995- 2000; 2009-present.

**Starnes, Kristi M.; B.S., M.A.**

*Instructor of Psychology*

B.S., M.A., Liberty University. At LU since 2009. (D)

**Stephens, Richard; B.S., M.S., Ed.D.**

*Assistant Professor of Business*

B.S., Georgia Southern State University; M.S., Northern Arizona University; Ed.D., Georgia Southern State University. At LU since 2010. (D)

**Sterling, Brian M.; B.A., M.Div.**

*Instructor of Religion*

B.A., Liberty University; M.Div., Liberty Baptist Theological Seminary. At LU since 2007. (D)

**Sterrett, David S.; B.S., M.A.**

*Instructor of Religion*

B.S., Liberty University; M.A., Southern Evangelical Seminary. At LU since 2009. (D)

**Stockslager, Tess Rebecca; B.A., M.A.**

*Director, Center for Writing and Languages*

*Director, Graduate Writing Center*

*Assistant Professor of English*

B.A., M.A., Liberty University. At LU since 2011.

**Stone, Joshua; B.S. M.Div., Th.M.**

*Instructor of Religion*

B.S., Liberty University; M.Div., Liberty Baptist Theological Seminary; Th.M., Gordon-Conwell Theological Seminary. At LU since 2008. (D)

**Stonestreet, John B.; B.A., M.A.**

*Instructor of Religion*

B.A., Bryan College; M.A., Trinity Evangelical Divinity School. At LU since 2009. (D)

**Stowe, Jamie; B.S., M.S.A.**

*Assistant Professor of Accounting*

B.S., M.S.A., Liberty University. At LU since 2013.

**Straub, Joshua D.; B.S., M.A., Ph.D.**

*Assistant Professor of Psychology*

B.S., Shippensburg University; M.A., Alliance Graduate School of Counseling; Ph.D., Liberty University. At LU since 2011. (D)

**Sullivan, Adam C.; B.S., M.B.A., Ph.D.**

*Assistant Professor of Business*

B.S., M.B.A., Liberty University; Ph.D., Walden University.  
At LU since 2005. (D)

**Sullivan, Daniel; B.S., M.A.**

*Instructor of Psychology*

B.S., Atlantic Christian College; M.A., Liberty University.  
At LU since 2007. (D)

**Sullivan, Gene; B.S., M.S., M.R.E., Ph.D., C.P.A.**

*Co-Chair, Department of Accounting, Finance, and Economics*

*Professor of Accounting*

B.S., M.S., Virginia Commonwealth University; M.R.E.,  
Liberty Baptist Theological Seminary. Ph.D., Regent University.  
At LU since 1987.

**Sullivan, William; B.S., M.S.**

*Instructor of Business*

B.S., University of Richmond; M.S., Virginia Commonwealth  
University. At LU since 2007. (D)

**Sumner, Ronald L.; B.A., B.F.A., M.F.A., M.A.**

*Professor of Studio and Digital Arts*

B.A., Cedarville University; B.F.A., Indiana University;  
M.F.A., Miami (OH) University; M.A., University of Chicago. At  
LU since 2008.

**Super, Kevin; B.M., M.M., D.M.A.**

*Associate Professor of Percussion*

B.M., University of Oregon; M.M., New England  
Conservatory; D.M.A., University of Oregon. At LU since 2003.

**Suttles, Daniel M.; B.R.E., B.M., M.M., D.M.A.**

*Associate Professor of Music and Worship*

B.R.E., Piedmont Bible College; B.M., M.M. University of  
North Carolina at Greensboro; D.M.A., Southwestern Southern  
Baptist Theological Seminary. At LU since 2007.

**Sutton, Ashli Arbo S.; B.A., J.D.**

*Assistant Professor of Criminal Justice*

B.A., Union University; J.D., Liberty University School of  
Law. At LU since 2007. (D)

**Suzano, Armenio; B.M., M.M., D.M.A.**

*Associate Professor of Music and Worship*

B.M., Stephen F. Austin State University; M.M.,  
Northwestern University; D.M.A., University of Michigan. At LU  
since 2009.

**Swezey, James; B.A., M.Ed., Ed.D.**

*Associate Professor of Education*

B.A., Simpson University; M.Ed., Columbia International  
University; Ed.D., George Fox University. At LU since 2011.

**Swinson, L. Timothy; B.A., M.Div., Ph.D.**

*Assistant Professor of Religion*

B.A., University of Kansas; M.Div., Fuller Theological  
Seminary; Ph.D., Trinity Evangelical Divinity School. At LU  
since 2010. (D)

**Swygart, Glenn L.; B.A., M.A.T., M.A.B.S.**

*Assistant Professor of History*

B.A., Tennessee Temple University; M.A.T., University of  
Tennessee at Chattanooga; M.A.B.S., Temple Baptist Seminary.  
At LU since 2008. (D)

**Taber, Winnie P.; B.S., M.Ed., Ed.S.**

*Instructor of Education*

B.S., M.Ed., Ed.S., Liberty University. At LU since 2012.  
(D)

**Tabor, Chuck D.; B.S., Th.M.**

*Instructor of Religion*

B.S., Ohio State University; Th.M., Dallas Theological  
Seminary. At LU since 2009. (D)

**Tanner, Vera N.; B.A., M.A.**

*Instructor of Business*

B.A., University of Oklahoma; M.A., University of Texas –  
Dallas. At LU since 2012. (D)

**Tapken, Jennifer; B.S., M.S., ATC**

*Approved Clinical Preceptor*

*Assistant Athletic Trainer*

B.S., Liberty University; M.S. Florida State University. At  
LU since 2012.

**Taylor, Lisa; B.S.Ed., M.A.**

*Instructor of Education*

B.S.Ed., Delta State University; M.A., The George  
Washington University. At LU since 2009. (D)

**Temple, Troy; B.S., M.A., Ph.D.**

*Chair, School of Religion*

*Professor of Religion*

B.S., M.A., Liberty University; Ph.D., The Southern Baptist  
Theological Seminary. At LU from 1993-1999; 2013-present.

**Teng, Wenyuan; B.S., M.S., Ph.D.**

*Assistant Professor of Business*

B.S., M.S., Liberty University; Ph.D., University of Memphis.  
At LU since 2009. (D)

**Thorn, Nicole; B.A., M.A., M.A., C.I., C.T.**

*Coordinator, Deaf and Hard of Hearing Services*

*Assistant Professor of American Sign Language and Interpreting*

B.A., Hartwick College; M.A., New York University; M.A.,  
Liberty University. At LU since 2011.

**Thornhill, Caroline; B.S, M.A.**

*Instructor of Psychology*

B.S, M.A., Liberty University. At LU since 2004. (D)

**Tinsley, Mark A.; B.S., M.S., M.A.R., M.Div., Th.M.**

*Instructor of Biology*

B.S., James Madison University; M.S., Emporia State  
University; M.A.R., M.Div., Th.M., Liberty Baptist Theological  
Seminary and Graduate School. At LU since 2008. (D)

**Titcomb, David; B.S., M.S.P.T., D.P.T., HFS**

*Director, Exercise Science Program*

*Assistant Professor of Health Professions*

B.S., M.S.P.T., Old Dominion University; D.P.T., University of  
St. Augustine. At LU since 2008.

**Todd, Timothy; B.S., M.S., J.D., CPA**

*Assistant Professor of Paralegal Studies*

B.S., M.S., Liberty University; J.D., Liberty University  
School of Law. At LU since 2012. (D)

**Tomkins, Randolph, B.A., M.S., M.A.**

*Assistant Professor of Mathematics*

B.A., University of Virginia; M.S., Naval Post-Graduate  
School, M.A., Liberty Baptist Theological Seminary. At LU since  
2012.

**Toney, Jarred D.; B.A., M.A.**

*Instructor of History*

B.A., University of North Texas; M.A., Texas A & M University. At LU since 2006. (D)

**Towles, Carolyn; B.S., M.Ed.**

*Chair, College of General Studies*

*Assistant Professor of English*

B.S., Liberty University; M.Ed., Lynchburg College. Additional graduate work at Indiana University of Pennsylvania. At LU since 1992.

**Towles, David E.; B.A., M.A., Ed.D.**

*Professor of Modern Languages*

B.A., Tarleton State College; M.A., California State University; Ed.D., Virginia Polytechnic Institute and State University. At LU since 1976.

**Towles, Matthew D.; B.A., M.A., Ph.D.**

*Chair, Department of English and Modern Languages*

*Associate Professor of English*

B.A., Liberty University; M.A., Longwood College; Ph.D., University of Kentucky. At LU since 2007.

**Traphagen, Aaron; B.S., M.Ed.**

*Assistant Professor of General Studies*

B.S., M.Ed. Liberty University. At LU since 2012.

**Tripp, Wayne E.; B.S., M.A.**

*Assistant Professor of Aviation*

B.S. Liberty University; M.A., Lynchburg College. At LU since 2013.

**Trombetta, Adelaide (Muir); B.M., M.M., A.D.**

*Assistant Professor of Music*

B.M., University of Illinois; M.M., A.D., Yale University. At LU since 2009.

**Tryon, Howard "Rusty"; B.A., M.L.S., M.Div.**

*Head, Collection Management*

*Jerry Falwell Library*

B.A., Indiana State; M.L.S., Indiana University; M.Div., Midwestern Bible Theological Seminary. At LU since 2012.

**Tucker, Robert; B.S., M.S., Ph.D.**

*Associate Professor of Computer Science*

B.S., M.S., Mississippi State University; Ph.D., George Mason University. At LU since 2006.

**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.**

*Assistant Professor of Nursing*

B.S.N., M.S.N., University of Virginia. At LU since 2008.

**Tweedy, Jean M.; B.A., M.Ed.**

*Lecturer in English*

B.A., Virginia Polytechnic Institute and State University; M.Ed., Lynchburg College. 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.

**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.**

*Assistant Director of Christian/Community Service*

*Assistant Professor of Biblical Worldview*

B.S., Liberty University; M.A., Grand Rapids Theological Seminary-Cornerstone University; graduate studies at Regent University. At LU since 2006.

**Van Heemst, 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)

**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., D. Min.**

*Professor of Youth Ministries*

B.S., Liberty University; M.A., D.Min., Liberty Baptist Theological Seminary. At LU since 2000.

**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.**

*Assistant Professor of Philosophy*

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.

**Voelker, Kathryn; B.M., M.A.**

*Assistant Professor of Music Education*

B.M., Bethel University; M.A., Eastman School of Music; doctoral studies, University of Northern Colorado (Greeley). At LU since 2013.

**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.

**Walker, Kendall L.; B.S., M.A.R.**

*Instructor of Religion*  
 B.S., Philadelphia College of Bible; M.A.R., Liberty 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. Doctoral studies at Anderson University. At LU since 2010. (D)

**Warren, Ester, B.S., M.Ed., Ed.S.**

*Chair, Department of Psychology*  
*Instructor of Psychology*  
 B.S., M.Ed., Ed.S., Liberty University; doctoral studies at Liberty University. At LU since 2008.

**Warren, Jennifer L.; B.A., M.S.**

*Instructor of Business*  
 B.A., Texas Woman's University; M.S., Liberty University. At LU since 2009. (D)

**Warren, Steve E.; B.S., M.A., M.A.**

*Associate Dean, School of Health Sciences*  
*Assistant Professor of Psychology*  
 B.S., M.A., Liberty University; M.A., Dallas Theological Seminary. At LU since 2008.

**Washburn, Donna; B.S.N., M.S.N.**

*Instructor of Nursing*  
 B.S.N., M.S.N., Liberty University. At LU since 2011. (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.**

*Assistant Professor of Philosophy*  
 B.S., Wingate College; M.Div., Ph.D., Southwestern Baptist Theological Seminary. At LU since 2006. (D)

**Weaver, Robert; B.A., M.L.S.**

*Collection Management Librarian*  
*Jerry Falwell Library*  
 B.A., Lebanon Valley College, M.L.S., North Carolina Central University. At LU since 2002.

**Weeks, Sonia; B.Sc., M.R., Ph.D.**

*Assistant Professor of Physical Science and Creation Studies*  
 B.Sc., College of New Rochelle; M.R., Ph.D., North Carolina State University. At LU since 2007. (D)

**Weems, Reginald, B.R.E., M.A., M.Div.**

*Instructor of Religion*  
 B.R.E., Graham Bible College, M.A., M.Div., Liberty University. At LU since 2008.

**Weider, Lew; B.S., M.A., Ed.D.**

*Director of Christian/Community Service*  
*Professor of Biblical Worldview*  
 B.S., M.A., Liberty University; Ed.D., Argosy University. At LU since 1985.

**Weller, Windle S.; B.S., M.A.**

*Instructor of Psychology*  
 B.S., M.A., Liberty University. At LU since 2007. (D)

**Wellman, Samuel E.; B.A., M.M., D.M.**

*Professor of Music*  
 B.A., Lenoir Rhyne College; M.M., D.M., Florida State University. At LU since 1992.

**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.**

*Dean, School of Music*  
*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, 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; post-doctoral studies at Liberty Baptist Theological Seminary, University of Southern Mississippi, and Mississippi College. At LU from 1977-1988; 2008–present.

**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 from 1982-1988; 2008–present.

**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, 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. (D)

**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)

**Whitfield, Keith S.; B.S., Th.M., M.Div.**

*Instructor of Religion*

B.S., Clemson University; Th.M., M.Div., Southern Baptist Theological Seminary. At LU since 2010. (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, Marshall W.; B.A., M.Div., Th.M.**

*Assistant Professor of Religion*

B.A., Tennessee Temple University; M.Div., Th.M., Grace Theological Seminary. At LU since 2009. (D)

**Widgeon, Angela M. Adema; B.A., M.A., Ph.D.**

*Associate Professor of Digital Media and Communication Arts*

B.A., University of Alabama-Birmingham; M.A., University of West Florida; Ph.D., University of Alabama. At LU since 2008.

**Wiedman, Erik A.; B.S., M.A.**

*Instructor of Psychology*

B.S., Messiah College; M.A., Geneva College; additional graduate studies at Dallas Theological Seminary and Messiah College; doctoral studies at Regent University. At LU since 2008. (D)

**Wiegand, Joseph M.; B.A., M.A., J.D., LL.M.**

*Associate Dean for Internal Affairs and Online Programs, School of Law*

*Director, Master of Arts in Public Policy Program*

*Director, Paralegal Studies Program*

*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.

**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, 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; additional graduate work at Dallas Theological Seminary and Ashland Theological Seminary. 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)

**Windsor, Carl D.; A.A., B.A., M.A., Ph.D.**

*Professor of Digital Media and Communication Arts*

A.A., North Central Michigan College; B.A., M.A., Michigan State University; Ph.D., Ohio State University. At LU since 1979.

**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; doctoral studies at John F. Kennedy University. At LU since 2010. (D)

**Witham, Stephen P.; B.A., M.A.**

*Associate Professor of Government*

B.A., Lehigh University; M.A., University of Notre Dame; M.A., Maranatha Baptist Bible College; additional graduate work at the University of Notre Dame and the University of Virginia. At LU since 1977.

**Witt, Angela; B.S., ATC**

*Approved Clinical Preceptor*

B.S., Liberty 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)

**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 from 1985 to 2003; 2005 to present.

**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.

**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.

**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, MEI, 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 2004-2007; 2009 to present.

**Young, Paul E.; B.A., M.Ad., D.B.A.**

*Associate Professor of Business*

B.A., Houghton College; M. Ad., Lynchburg College; D.B.A., Argosy University. At LU since 2000.

**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.

**Zaffke, Virginia; B.A., M.A.**

*Assistant Professor of Business Management Information Systems*

B.A., Bethel College; M.A., College of St. Thomas, additional graduate work at Virginia Polytechnic Institute and State University and Liberty University. 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)



# 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, VA 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**

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