



2009-10 Liberty University Undergraduate Catalog



LIBERTY UNIVERSITY®

1971 University Boulevard
Lynchburg, VA 24502-2269
434-582-2000

**UNDERGRADUATE CATALOG**

INCLUDING
WILLMINGTON SCHOOL OF THE BIBLE

2009-2010

*Liberty University is accredited by the
Commission on Colleges of the Southern Association of Colleges and Schools
to award associate, bachelor, master, 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, 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 2009-2010****FIRST SEMESTER****August 10, Monday**

Faculty Return

August 12-18, W – F; M – T

Faculty Orientation

August 18, Tuesday

Early Residence Hall check-in begins at 6:00 pm for New Students who have completed financial check-in

August 19, Wednesday

Residence Halls open

Dining Hall opens for lunch for new students

Financial check-in and orientation for new, transfer and former undergraduate students (Required)

August 19-22, Wednesday - Saturday

Orientation and Freshman Seminar and Registration

Required for all new, transfer and former UG students

August 20, Thursday

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

August 21, Friday

Residence Halls open for returning students at 1:00 pm

Meal Plans begin at lunch for returning students

Registration for returning and former students

August 24, Monday

Classes begin, 7:40 a.m.

August 28, Friday

Last day to register @ 4:00 p.m.

Last day to add or drop a class with no grade

Last day to adjust tuition

October 8-11, Thursday – Sunday

Fall Break

November 9, Monday

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

November 20, Friday

Thanksgiving Vacation begins after last class

Dining Hall closes after dinner

November 23-27, Monday - Friday

Thanksgiving vacation

December 9, Wednesday

Last day of classes

December 10, Thursday

Reading Day

December 11-18, Friday - Friday

Final Examinations

December 18, Friday

Final Exam Make-up Day

First semester ends

Residence Halls close at noon

Dining Hall closes after dinner

December 23, Wednesday

Final grades due, 4:00 p.m.

INTERSESSION**December 28-January 15****SECOND SEMESTER****January 11, Monday**

Faculty Return

January 13, Wednesday

Residence Halls open

Dining Hall opens for lunch for new students

Financial check-in and orientation for new, transfer, and former undergraduate students (Required)

January 13-16, Wednesday - Saturday

Orientation and Freshman Seminar and Registration

Required for all new, transfer and former UG students

January 14, Thursday

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

January 15, Friday

Residence Halls open for Returning Students at 1:00 pm

Meal Plans begin at lunch for returning students

Registration for returning and former students

January 18, Monday

Classes begin, 7:40 a.m.

January 22, Friday

Last day to register @ 4:00 p.m.

Last day to add or drop a class with no grade

Last day to adjust tuition

March 12, Friday

Spring Vacation begins after last class

Dining Hall closes after dinner

March 15-19, Monday-Friday

Spring Break

Spring Intensives

April 5, Monday

Easter Holiday

No Classes

April 12, Monday

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

April 14, Wednesday

Annual Assessment Day

May 5, Wednesday

Last day of classes

May 6, Thursday

Reading Day

May 7-May 14, Friday - Friday

Final Examinations

May 14, Friday

Baccalaureate Service

Residence Halls close at noon

Second semester ends

May 15, Saturday

Commencement

Dining Hall closes after breakfast

May 21, Friday

Final grades due, 4:00 p.m.

May 19-21, Wednesday - Friday

Faculty Workdays

SUMMER SESSION**May 17-August 20***The University calendar is posted online at www.liberty.edu/registrar

Table of Contents

University Calendar	ii	History	71
Message from the Chancellor and the Provost	2	Mathematics	73
General Information	4	Music and Humanities	74
Accreditation	4	Nursing	77
Doctrinal Position	4	Psychology	78
Statement of Purpose	5	Theatre Arts	80
Introduction to the Campus	6	School of Aeronautics	82
Undergraduate Admissions	10	School of Business	84
Undergraduate Academic Information and Policies	15	Accounting	85
Expenses and Financial Policy	25	Business	85
Financial Aid Information and Policies	29	School of Communication	88
Student Affairs	38	Communication Studies	88
Student Leadership	40	Visual Communication Arts	89
Spiritual Programs	41	English and Modern Languages	91
Campus Recreation	42	School of Education	94
Intercollegiate Athletics	44	Teacher Education	94
University Services	45	Sport Management	98
A. Pierre Guillermin Integrated Learning Resources Center	48	School of Engineering and Computational Sciences	100
University Writing Program	50	Helms School of Government	105
Programs of Study	51	School of Religion	109
General Education Requirements	51	Worship and Music Studies	113
Computer Competencies	52	Christian/Community Service	116
Creation Studies	52	Willmington School of the Bible	117
The University Honors Program	52	Courses of Instruction – Diploma Program	119
Study Abroad Office	52	English Language Institute	121
Programs of Study	53	Courses of Instruction —	
Course Identification	55	Associate’s and Bachelor’s Degree Programs	123
Center for Academic Support and Advising Services	56	Liberty University Online	187
Freshman Seminar	56	Undergraduate Admissions	192
Academic Advising	56	Academic Information and Policies	196
General Studies Major	56	Expenses and Financial Policy	203
Interdisciplinary Studies Major	57	Online Student Services	206
Bruckner Learning Center	58	Online Programs of Study	208
The Career Center	59	Liberty University Online Schedule	215
College of Arts and Sciences	60	Courses of Instruction	216
Air Force-ROTC	60	Board of Trustees	226
Army-ROTC	61	Administration and Staff	228
Biology and Chemistry	61	Faculty Roster	231
Center for Creation Studies	64	Financing the University	248
Family and Consumer Science	64	Index	249
Health Sciences	66		

This publication uses the masculine pronoun in the generic sense

From the Chancellor

Liberty University is so unique among institutions of higher learning that it is making an impact worldwide! Liberty's faculty, staff and student body are committed to maintaining a world class university to train "Champions for Christ" in a distinctively Christian environment.



Since its founding in 1971, Liberty has become the largest private university in the state of Virginia and the largest Evangelical Christian university in the world. Its spiritually vibrant educational experience is characterized by the institution's core values: *Love God, Love People and Make Disciples Worldwide*.

God has blessed this University with highly credentialed faculty holding degrees from more than 450 institutions of higher learning worldwide. In addition to academic excellence, Liberty also offers campus facilities that are unrivalled among Christian colleges. Liberty's 5,000 acre campus includes 3,000,000 square feet of classroom, dormitory, and recreational space.

Recent projects include new construction on the third floor of the DeMoss Learning Center that now houses the School of Engineering and a Center for Judaic Studies. A 750-seat lecture hall has been added to the Towns Alumni Center. The Plaza Shopping Center in midtown Lynchburg was recently donated to Liberty, providing an ideal location for the School of Aeronautics. Also, a Barnes and Noble superstore is now open on campus for your convenience.

Many improvements have been made to transportation as well. The bus system has seen great success, and the much-anticipated perimeter road is now in place to ease traffic flow. In addition, roads and parking lots have been repaved, and new parking is now available.

Thousands of acres of undeveloped mountain land on campus offer many opportunities for outdoor recreation, including biking, motocross, and paintball. In 2009, Liberty opened the first Snowflex[®] ski slope in the United States for year-round winter sports. This is all part of a new campaign called "Ultimate LU," designed to give students more recreational opportunities. The LaHaye Student Union (fitness center, indoor pool, five gyms and more) and the LaHaye Ice Center provide indoor recreation. The new Tilley Student Center offers students a place to lounge, watch movies, play video games, and listen to live music, among other things.

Liberty boasts a nationally ranked debate team and a NCAA Division 1 athletic program, complemented by the 9,000-seat Vines Center arena, the 12,000-seat Williams Stadium and the Tolsma Indoor Track facility. In 2008, the Liberty Flames football team won the Big South Conference Championship.

Liberty's greatest asset, though, is its student body. God has blessed Liberty with the world's greatest group of students from all 50 states and many foreign countries. Their value system, Christian principles, positive attitude and work ethic have placed them in high demand among employers, who are discovering that graduates of faith-based schools make the best employees (Dallas Morning News; December 7, 2006).

I look forward to your becoming a part of what God is doing at Liberty University.

Jerry Falwell, Jr.
Chancellor/President/General Counsel

From the Provost

Liberty University is committed to articulating and instilling a distinctive Christian worldview within its undergraduate, graduate and professional learning communities. Charles Colson has placed that Christian worldview in its proper context by observing that, “contrary to the public misconceptions about Christianity today, the Christian Church and the Truth it defends are the most powerful life- and culture-changing forces in human history.”

Liberty University, in furtherance of its emphasis on cultural transformation, offers a wide array of graduate and undergraduate programs in disciplines that offer excellent career opportunities. The University’s 58 undergraduate majors (with 60 specializations) and 42 graduate programs (including four doctoral programs) provide prospective students with a range of education opportunities unsurpassed in Christian higher education.

Liberty University’s over 400 full-time and over 1,100 adjunct faculty are committed to engaging their students in the exploration of the vital linkages between faith and learning. This involvement occurs in the classroom, but it also extends to a wide range of academic activities including internships, learning and ministry in cross-cultural settings, and international opportunities. Additionally the Liberty educational experience takes place through a variety of traditional and on-line methods of instructional delivery.

Liberty University, since its founding in 1971, has aimed to deliver a Christ-centered education. Its foundation is rooted in the timeless truth of God’s word. Jude 3 captures the essence of that education orientation: “I urge you to contend for the truth that was once and for all entrusted to the saints.” As a University community, we build the academic experience on the central premise that every academic discipline is informed by and integrated with this ultimate truth. I invite you to become a part of an educational community that is academically challenging, spiritually discerning, and culturally transforming.



Boyd C. Rist
Provost

General Information

FOUNDED

1971

LOCATION

Liberty University is located in the heart of Virginia in Lynchburg (population 72,600) 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.

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 and Associate Arts degrees are offered. The School of Education offers the Doctor of Education, Educational Specialist, Master of Education, and Master of Arts in Teaching degrees. The College of Arts and Sciences offers the Doctor of Philosophy in the field of Counseling, Master of Arts degree in the field of Counseling, History, and Human Services, and the Master of Science in Nursing. The School of Business offers the Master of Business Administration, Master of Arts in Management and Leadership, and

the Master of Science in Accounting degrees. The School of Communication offers degrees in the Master of Arts in Communication Studies and the Master of Arts in English. Liberty Baptist Theological Seminary and Graduate School offers the Master of Divinity, Master of Religious Education, Master of Religious Studies, Master of Arts in Ethnomusicology, Master of Arts in Religion, Master of Theology, Master of Sacred Theology, Doctor of Ministry and Doctor of Philosophy degrees.

COLORS

Blue, red, and white

TELEPHONE

434-582-2000

WEBSITES

www.liberty.edu; www.libertyu.com; www.luonline.com

CALENDAR

Two semesters with a Summer Session

ACCREDITATION

The University is regionally accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane; Decatur, Georgia 30033-4097; 404-679-4501) to award associate, bachelor, master, 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.

Liberty University is a member of the Association of Christian Schools International (ACSI).

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.

Statement of Purpose

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, 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, developing the knowledge, values, and skills that enable the individual to change freely. Thus it occurs most effectively when both instructor and student are properly related to God and each other through Christ.

MISSION

To develop Christ-centered men and women with the values, knowledge, and skills essential to impact tomorrow's world.

The mission is carried out for resident students through a rigorous academic program and structured social environment. It is carried out for external students in a comparable academic program but without the structure of the resident community.

AIMS

In support of its Philosophy and Mission, Liberty University seeks to provide its students with intellectual and cultural pursuits that:

1. Contribute to a knowledge and understanding of other cultures and of international events.
2. 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.
3. Foster university level competencies in writing, speaking, reading, appreciation of the arts, analytical reasoning, computer literacy, and research.
4. Enhance graduate level knowledge and skills, particularly in the areas of individual research and scholarship.
5. Convey the different ways of acquiring knowledge in the humanities, social sciences, and natural sciences.
6. Enable them to engage in a major field of study built on a solid foundation in the liberal arts.
7. Explore the moral dimensions and ethical implications in the disciplines offered by the University.
8. Assist in developing competence and determination in their approach to their vocation, including encouragement in choosing and following their vocation as a calling to glorify God, fulfilling the Great Commission, and doing the will of God through all of life.
9. Promote the synthesis of academic knowledge and Christian values in order that there might be a maturing of spiritual, intellectual, social and physical behavior.
10. Cultivate a sensitivity to the needs of others and a commitment to the betterment of humanity.
11. Encourage a commitment to the Christian life, one of active communication of the Christian faith, personal integrity, and social responsibility which, as it is lived out, leads people to Jesus Christ as the Lord of the universe and their own personal Savior.

Introduction to the Campus

A. L. WILLIAMS FOOTBALL OPERATIONS CENTER

The A. L. Williams Football Operations Center was completed in August 2006. The three-story, 60,000 square foot facility is located in the North End Zone at Williams Stadium.

The Football Operations Center houses state-of-the-art fitness equipment; strength and conditioning areas; a large indoor turf area; meeting rooms for game film review and strategic planning; administrative offices and many other features.

ALUMNI WELCOME CENTER

The Alumni Welcome Center was constructed in fall 2005 and is accessed through the Jerry Falwell Museum. Proudly decorated with LU memorabilia, the Alumni Welcome Center is a warm and inviting place for LU alumni to meet, fellowship, and reflect on the past.

A. PIERRE GUILLERMIN INTEGRATED LEARNING RESOURCE CENTER

The A. Pierre Guillermin Integrated Learning Resource Center (ILRC) incorporates the University's main library and academic computing facilities. During a visit to the ILRC, 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 ILRC 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 260,000 volume equivalents and 650 current periodical subscriptions. Digital information resources provided by the ILRC include some 63,000 electronic books and full-text content from more than 40,000 periodicals. The ILRC provides access to more than 250 online research resources.

The ILRC provides access to 800 computer workstations located in fifteen computer lab classrooms and six open areas. Computer labs remain open 109 hours per week during the academic term. Computer workstations provide access to the Internet, email, Microsoft® Office 2007, and a variety of academic and professional software. Students with laptop computers can access networked resources via a wireless signal that is available throughout the ILRC as well as a number of other campus locations.

AL WORTHINGTON STADIUM

Liberty's baseball stadium is named in honor of Liberty's first baseball coach, Al Worthington, and was built in 1979. A state-of-the-art clubhouse opened in 2003 adjacent to Worthington Stadium. The stadium has a seating capacity of 2,500. With the addition of stadium lighting in March 2008, the inaugural night game had a stadium-record 3,183 fans attending the historic game.

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.

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.

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

BARNES AND NOBLE CAMPUS BOOKSTORE

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

CAMPUS NORTH

In April 2004, Thomas Road Baptist Church acquired a 113-acre, 888,000 square foot facility adjacent to main campus. The University entered into a long-term lease agreement with the church to use a portion of the facility as its Campus North. This facility houses: the University administrative offices, Admissions Offices, Student Services (Student Accounts, Financial Aid, and Registrar's Office), LaHaye Student Center, Tolsma Indoor Track and Conference Center, the Graduate Bookstore, Post Office, Light Medical, Spiritual Life offices, the Seminary, Law School, Willmington School of the Bible, Distance Learning Program, as well as other academic units. Located adjacent to Campus North are Thomas Road Baptist Church and Liberty Christian Academy.

CENTER FOR ACADEMIC SUPPORT AND ADVISING SERVICES (CASAS)

CASAS was created in 2003 as a main hub for academic support services, including Freshman Seminar, academic advising, career counseling, study skill development, testing services, and tutoring opportunities. It is located in DeMoss Learning Center.

CENTER FOR CREATION STUDIES

The Center for Creation Studies was established in 1985. The Center provides a course called "History of Life," required of all Liberty students. Its purpose is to increase their appreciation of the rational basis of their faith and to equip them to deal with the creation-evolution controversy.

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.

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. Offices for The Center for Music and Worship Ministry, rehearsal rooms and administrative facilities for the Department of Music Ministry Teams, and classrooms for the Department of Music and Worship Studies are all located in this facility.

DOC'S DINER

Doc's Diner, constructed in 2008, overlooks Jerry Falwell Parkway (Route 460) on Campus East. 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.

EARL H. SCHILLING CENTER

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 completely renovated in 2004 and is used for physical education classes, additional basketball, volleyball and tennis courts and some concerts.

ELMER TOWNS RELIGION HALL

In 2008, the building housing the B. R. Lakin School of Religion was renovated and renamed the Elmer Towns Religion Hall. Dr. Towns is the co-founder of Liberty University and Dean of the School of Religion. 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 Office of Christian/Community Service, the Center for Youth Ministry, the Center for Global Ministries, and the Zinngabe Research Center, which is a state of the art computer lab for religion students.

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.

FINE ARTS HALL

As part of the center quad of classroom buildings, the Fine Arts Hall serves the music and drama needs of the University. Several practice rooms, the Lloyd Auditorium for stage productions, and a recital hall for student and faculty performances are in this building. 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 Fine Arts Hall is the Tele-communications wing which houses our campus radio station (WWMC-The Light, C91) and TV studio (WLBU).

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 eagles 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.

HANCOCK ATHLETIC CENTER

Athletic skill and strength have been developed in the Hancock Athletic Center since 1986. This 21,000 square foot building was provided and furnished by Mr. and Mrs. Art Williams in honor of Mrs. Williams' parents, Mr. and Mrs. Sidney Hancock. The building houses athletics administration offices, coach's

offices, locker rooms for soccer and track, training room, and a weight room.

HEALTH AND WELLNESS CENTER

The Liberty University Health and Wellness Center (LUHWC) is a full service primary care facility for not only students, faculty, and staff, but the Liberty community at large. It is comprised of a Student Health Center, a full service counseling center, a Rehabilitation and Occupational Therapy Center, and a Human Performance Laboratory and Cardiovascular Rehabilitation Center.

The LUHWC is the home for the Health Sciences Department and provides on campus internship opportunities for Nursing, Athletic Training, Health Promotions, Counseling and Exercise Sciences.

HEALTH SERVICES

Liberty University Health Services 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. It is located in the Campus North building near the LaHaye Student Union and the Campus North student entrance.

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 Board of Trustees.

LAHAYE STUDENT UNION

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

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 an 8,000 square foot two-story ski lodge, and two main distinct ski runs: a 550 ft. terrain run with

three jumps and a quarter pipe at the bottom, and a 550 ft ski slope with two integrated rails.

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 MONOGRAM

Placed high on the side of Liberty Mountain, beckoning students, alumni, and visitors to Lynchburg and Liberty University is a new landmark, the LU 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.

MATTHES – HOPKINS TRACK

In 1989, a first-rate track was completed in honor of Jake Matthes, LU's first track coach, and Ron Hopkins, the first women's track coach. The eight lane track is made of a polyurethane surface that cushions the run, making it easy on the knees and back. Encircling the soccer field, this new addition put Liberty's track and field program on an equal basis with other NCAA Division I schools.

MONTVIEW MANSION

Montview Mansion, one of two original buildings still remaining on the campus, 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.

OPEN AIR TESTING SITE LAB

Located at Campus North, the Open Air Testing Site Lab (OATS), OATS/EMC Laboratory carries out testing and analysis concerning Electromagnetic Compatibility (EMC) of electrical and electronic equipment. Such equipment has to comply with EMC requirements for reasons of safety and reliability. The OATS/EMC Laboratory not only carries out measurements on civil, government and military equipment, but also on medical, information technology, industrial and household equipment, for a variety of industries.

The plans are in place to expand the capabilities of this complex to include an anechoic chamber.

OSBORNE STADIUM

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. Improvements to the facility include 1,000 chairback seats, press box, 5,000 sq. ft. operations center, scoreboard, and brick and wrought iron fencing.

The construction was made possible by the generous contributions of several donors, with the lead gift coming from the Osbornes. Other significant contributions were made by the Tyson family, who will have the Women's Soccer locker room named in their honor.

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.

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 Bruckner Learning Center and the Tutoring/Testing Center are also located in the building.

THOMAS INDOOR SOCCER CENTER

The Thomas Indoor Soccer Center, connected to LaHaye Student Union, 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.

TILLEY STUDENT CENTER

The Tilley Student Center opened in September 2008. Located in Campus North 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.

TOLSMA INDOOR TRACK AND CONFERENCE CENTER

The Tolsma Indoor Track and Conference Center is located at Campus North. 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.

VINES CENTER

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

VISITORS CENTER

Located in the Grand Lobby of DeMoss Learning Center, the Visitors Center provides prospective students and their families with the resources for campus visits as well as student-led tours. To view campus maps, take a digital tour of campus, or schedule a visit, access the Visitors Center online at <http://www.liberty.edu/index.cfm?PID=199>.

WILLIAMS STADIUM

The Flames play NCAA Division I-AA Football on the FieldTurf of Williams Stadium. The 12,000-seat stadium is named in honor of Art and Angela Williams, special friends of Liberty University and Flames Athletics. In 1989, the Flames played their first football game in 17 years on their own campus, and 17 years following this date, the stadium saw a record attendance of 15,631. A new FieldTurf surface was installed in 2009.

WRVL RADIO STATION

The second remaining original building on the site of the Carter - Glass estate now houses the Radio Voice of Liberty, WRVL, the radio station of Liberty University.

WTLU – TV

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.

Undergraduate Admissions

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

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, Graduate Admissions

N. Lynn Brady, A.A.

Director of Recruitment

Terry Elam, B.S., M.Ed.

Director of Admissions

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

Student Welcome, Orientation, and Retention Director

GENERAL REQUIREMENTS

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: 1-800-543-5317

Fax: 1-800-542-2311

Email: admissions@liberty.edu

Websites: www.libertyu.com; www.liberty.edu

M-F 8:00am – 9:00pm EST &

Sat. 10:00am – 6:00pm EST

Mailing Address:

Liberty University

Attn: Resident Admissions Office

1971 University Blvd.

Lynchburg, Virginia 24502

Prospective students are encouraged to apply online at www.libertyu.com or www.liberty.edu. Applicants may mail the application to the appropriate address as listed above.

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

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.

DEVELOPMENTAL COURSES

The University offers seven developmental courses to students who need assistance with some of the basic skills required in order to be successful in college. Based upon their performance on the SAT,

ACT, or other assessment tests, if they are accepted on Academic Warning or Probation or if they cannot provide test scores, students may be required to complete the appropriate developmental courses listed below:

1. *CLST 100/Foundations for Academic Success*. Designed to assist students in their academic adjustment from high school to college. It is part of a special program which includes a select group of first-time freshmen. Attention is given to goal-setting, organizing for study, time management, textbook mastery, reading comprehension and rate, listening, memory, note-taking motivation for study, test-taking, study strategies in other classes, and orientation to University services.
2. *CLST 101/College Learning Strategies*. This course is one semester hour designed to train students in reading and study skills needed for success at the college level.
3. *CLST 102/College Reading Improvement*. This course is one semester hour designed to teach students essential reading skills necessary to truly comprehend the material contained in college textbooks.
4. *CLST 103/Individualized Laboratory in Reading and Study Strategies*. This course is one semester hour designed to provide individualized help in reading and study strategies.
5. *ENGL 100/Basic Composition*. This course is available to students who do not have a strong background in English grammar and basic composition.
6. *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.
7. *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.

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.

Those applying to Willmington School of the Bible (WSB), please refer to the WSB portion of this Catalog.

Application for Admission

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

2. **Academic Records**

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

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

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

an overall GPA, and must be signed by the school administrator.

The high school and GED requirements will be waived if the applicant earned an associate's degree or is transferring 60 or more credit hours (after evaluation).

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.

Students that have completed 12 hours of college credit or have completed basic training in the military may complete a self-certification of high school graduation in lieu of any high school documentation.

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.

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 and is stamped official. The graduation date (month/day/year) and final GPA must be shown.

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 acceptable unweighted Grade Point Average (GPA) is 2.00 on a 4.00 scale. 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 status. All students accepted on Academic Caution or Probation status will be limited to 13 semester hours of coursework including:

CLST 101/College Learning Strategies; CLST 102/College Reading Improvement; or CLST 103/Individualized Lab in Reading and Study 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) or the American College Testing (ACT) exam. Liberty University does not recognize the essay portion of the SAT or ACT exam. SAT scores are based on Critical Reading and Math portions only. Liberty University's minimum acceptable scores for regular admission are 800 (combined) for the SAT and 17 (composite) for the ACT. The best scores from multiple exams will be combined for admissions purposes. The SAT and ACT is not required for students 22 or older.

Applicants who fail to meet the minimum required scores will be evaluated on other indicators of ability to perform satisfactorily at the college level and may be admitted on Academic Warning or Probation status. 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 may be obtained via the Internet at www.collegeboard.org or by writing to: The College Board; SAT Program; 1425 Lower Ferry Road; Trenton, New Jersey 08618. Information on the ACT may be obtained via the Internet at www.act.org or by writing to: The American College Testing Program; 2201 North Dodge Street; PO Box 168; Iowa City, Iowa 52243. Liberty's Institutional Codes are 4364 for the ACT and 5385 for the SAT.

4. Essay

All resident applicants must submit an essay between 200 and 400 words describing how their perspectives of life and morality will enable them to contribute to Liberty University's mission of developing Christ-centered men and women with the values, knowledge, and skills essential to impact tomorrow's world. This requirement may be waived if unobtainable due to circumstances as determined by the Resident Admissions Office.

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 – February 1
 - Accept and Confirm – March 1
 - Financial Check-in – April 1
 - Course Registration – May 1
- **Spring:** Application – November 1

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=14824 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 transfer 60 semester credit hours or more (after evaluation) to their program of study at Liberty do not need to submit a high school transcript, GED, or the 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 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. Any applicant whose 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, may be denied or placed on Academic Warning or Probation.

TRANSFER OF CREDITS

Only courses and degrees from regionally accredited institutions or those accredited by other accrediting agencies recognized by the U.S. Department of Education (e.g., SACS, TRACS, AACB, etc.) will be evaluated for transfer credit. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Office of Admissions. These transcripts must 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

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. 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 pay a \$250 Confirmation Deposit. Such payment will be held in deposit

as confirmation that the student intends to matriculate for an upcoming semester. 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. The \$250 Confirmation Deposit may be paid online at www.libertyu.com or can be mailed with a completed Confirmation 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 April 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 your 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.

RESIDENT PRIORITY 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 LU. Students in this program are ineligible for federal financial aid until they have satisfactorily completed the high school requirement. Full time LU 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.

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. 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 must submit an application **NOT LESS THAN 2 MONTHS PRIOR TO REGISTRATION** since applicants must make an appeal to the Committee on Academic and Admissions Standards (CAAS).

ACADEMIC AMNESTY

Approval for readmissions und Academic Amnesty must be approved by the Committee on Academic and Admissions Standards (CAAS) 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 five (5) years.
2. Eligibility for readmission affirmed in writing to the Registrar's Office by the following departments: (1) Student Accounts and (2) Student Affairs.
3. A student seeking readmission under academic amnesty must first appeal in writing to CAAS. Upon receiving a written request from the student, CAAS *may* approve readmission. 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.
4. Only the allowable number of grade repeats that were remaining at the time of dismissal can be utilized.
5. 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".
6. 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). The University accepts into its undergraduate programs students who achieve a TOEFL score of 61 (IBT) or 173 (CBT). Additional assessment following arrival on campus may determine the need for English as Second Language (ESOL) classes before being admitted to the Freshman English series. Admitted applicants who do not have TOEFL scores or who have taken an alternate language assessment test will have their English assessed after arriving on campus and may be required to enroll for one or more semesters in the English Language Institute before becoming eligible for undergraduate studies. Applicants whose TOEFL scores do not meet the minimum University requirement for undergraduate programs may be admitted to the English Language Institute. 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.

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 student health insurance fee is added to the account of international students each fall and spring semester unless proof of adequate insurance from another source is provided to the Office of International Student Services. It is the student's responsibility 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 USD) for living expenses.

ENGLISH LANGUAGE INSTITUTE (ELI)

Liberty University offers a four-level intensive English program 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 AGREEMENT: 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 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 student to practice compassionate and altruistic medical care and its training programs include international and Appalachian medical missions. Visit 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.

ARTICULATION AGREEMENT: CENTRAL VIRGINIA COMMUNITY COLLEGE

Liberty welcomes and values transfer students from Central Virginia Community College (CVCC) who are appropriately prepared to pursue a baccalaureate degree. Provisions of this agreement apply to CVCC graduates who have earned an associate's degree in the Accelerated General Studies Degree program.

GUARANTEED ADMISSION AGREEMENT: LIBERTY UNIVERSITY AND 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 www.libertyu.com or www.liberty.edu.

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 Office of Admissions.

Applications are available at www.libertyu.com or www.liberty.edu/apply. 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 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.

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/index.cfm?PID=17612>.

ADDITIONAL INFORMATION

Additional information regarding the University's academic and administrative policies and procedures can be found on the University web site at www.libertyu.com or www.liberty.edu.

Undergraduate Academic Information and Policies

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

Vice President for Administrative Information Management and Registrar

Tom Calvert, B.S.

Associate Registrar

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.

SEMESTER LOAD

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 who have not declared a major must request this permission from the Executive Director, 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.

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:

Grade	Meaning	Quality Points Per Semester Hour
A	Excellent	4
AU	Audit	0
B	Good	3
C	Average	2
D	Poor	1
F	Failure	0
FD	Failure for Academic Dishonesty	
FN	Failure for Non-Attendance	0
I	Incomplete	0
IP	In Progress	0
M	Medical Incomplete	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, FD, 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 term with a GPA of 3.50 or above are placed on the Dean's List.

ADVISORS

Each student will be assigned a Professional Advisor upon acceptance to the University. The advisors will guide students in course selection. All questions concerning academic issues should be directed to the advisors. Students are encouraged to contact their advisors for help with any academic-related problems they may encounter during the academic year.

ASSESSMENT TESTS

Assessment tests in math and English are available for all new resident students, both first-time college students and college transfer students. These tests assist in placing students in the proper course level in these disciplines. Further, follow-up assessment tests are administered to assist the University in determining the effectiveness of the instruction in these core areas. A fee is assessed for each test taken.

TRANSFER OF CREDITS

Only courses and degrees from a regionally accredited institution or those accredited by other 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 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 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. 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.

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 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

UNDERGRADUATE ACADEMIC INFORMATION AND POLICIES

AP Title	Required Score	LU Course(s)	Credit Hours
Calculus AB	3	MATH 131	4
	5	MATH 131 & 132	8
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
Comparative Politics	3	GOVT 330	3
Computer Science AB	3	CSCI 111 & 112	6
Economics – Micro	3	ECNC 213	3
Economics – Macro	3	ECNC 214	3
English Lang.	3	ENGL 101	3
English Lit.	3	ENGL 102	3
European History	3	HIEU 201 & 202	6
French Language	3	FREN 101 & 102	6
Government and Politics: US	3	GOVT 220	3
Human Geography	3	GEOG 200	3
Physics B	3	PHYS 201	4
	4	PHYS 201 & 202	8
Physics C – Mechanics	3	PHYS 231	4
Physics C – Electricity	3	PHYS 232	4
Psychology	3	PSYC 101	3
Spanish Language	3	SPAN 101 & 102	6
Statistics	3	MATH 201	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 34 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. A \$72 administration fee will be charged on the day of the test. Testing is computer-based and administered in the Tutoring/Testing Center.

CLEP TESTS CANNOT be taken after classes begin, during the student’s final semester.

Subject Area	Minimum Score	LU Course(s)	Credit Hours
American Government	50	GOVT 220	3
American Literature	50	ENGL 201/202	6
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
Educational Psychology	50	PSYC 311	3
English Composition with Essay	50	ENGL 101	3
English Literature	50	ENGL 215/216	6
Financial Accounting	50	ACCT 211	4
General Biology	50	BIOL 101/102	6

Subject Area	Minimum Score	LU Course(s)	Credit Hours
General Chemistry	50	CHEM 121/122	8
	50	FREN 101/102	6
French Language	59	FREN 101/ 102/ 201/ 202	12
	50	GRMN 101/102	6
German Language	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	3
Introduction to Psychology	50	PSYC 101	3
Introduction to Sociology	50	SOCI 200	3
Macro-Economics	50	ECNC 214	3
Management	53	BUSI 310	3
Marketing	50	BUSI 330	3
Micro-Economics	50	ECNC 213	3
Natural Sciences	50	BIOL 101	6
		PHYS 101	
Pre-Calculus	50	MATH 128	3
Social Sciences	50	SOCI 200	3
	50	SPAN 101/102	6
Spanish Language	63	SPAN 101/102 /201/202	12
	50	HIEU 201	3
Western Civilization I	50	HIEU 202	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. A \$70 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 Tutoring/Testing Center.
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 add/drop 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	CHHI 302	MATH (<i>all above 121</i>)
BIBL 110	CMIS 201	MUSC 105
BIBL 323	CSCI (<i>all</i>)	MUSC 106
BIBL 364	EVAN 101	NURS 210
BIBL 425	GREK 201	PHYS (<i>all</i>)
BIOL 211	GREK 202	

BIOL 212	GREK 301	THEO 201
CHEM 107	GREK 302	THEO 202
CHHI 301		

Students who wish to obtain credit for such activities must receive prior approval from the Registrar.

DANTES SUBJECT STANDARDIZED TESTS (DSSTs)

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. A minimum score of 50 is required for **LU Online** programs. Computer-based tests in the DANTES DSST program are administered in the Tutoring/Testing Center.

AVIATION TESTING

The Tutoring/Testing Center serves as a Federal Aviation Administration's official Federal Aviation Testing Site for the Airman Knowledge Tests. All aviation test candidates, not just students in the Liberty University Aviation program, are eligible to use the Tutoring/Testing Center as a proctor for many of the FAA aviation computer-based tests.

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.

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. (**LU 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. **LU 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 Multidisciplinary 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 formal Request to Take Courses at Another Institution. Forms are available in the Registrar's Office, Center for Academic Support and Advising Services (CASAS), or online.

CREDIT FOR SEMINARS

As part of the "action-oriented" curriculum at Liberty, certain seminars and travel opportunities are offered for academic credit.

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 nursing, teacher licensure, general studies, interdisciplinary studies, or athletic training. 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

All requests to change degree programs, majors, and specializations must be submitted in writing to the Center for Academic Support and Advising Services. Requests must be signed by the student in order to be processed. Major changes become effective for the semester following their submission.

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 must be earned at Liberty University.

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. In order to register, residential students must submit a Drop/Add Form to the Registrar's Office for approval.

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

CLASS ATTENDANCE

Regular and punctual attendance in classes is expected of all students at Liberty.

The attendance policy for each class will be stated in the course syllabus for that class. The faculty member will be the judge of whether the student has met the stated attendance requirements for the course.

The student alone assumes responsibility for all absences. A student who presents the instructor with an adequate and documented reason for an absence normally will be given an opportunity to make up the work missed. The responsibility for initiating the request to make up class work missed rests with the student.

Athletic competition will not be scheduled during the published exam period. Moreover, no away athletic competition shall be scheduled at least two days prior to the published final exam period.

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 or students who have changed majors and have no other course of action. Permission for the independent study will be granted only upon approval by the Department Chair, the Dean of the School, Student Accounts, and the Registrar. Forms are available in the Registrar's Office.

COURSE AUDITS

Students who wish to audit or take a course without credit must indicate their intention at the time of registration. Auditors will not be expected to take quizzes or examinations. Courses audited cannot be counted toward meeting graduation requirements.

Only lecture courses may be audited. Courses requiring labs, private instruction, etc., may not be audited.

COURSE SUBSTITUTIONS

1. 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.
2. 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.
3. Course substitutions within the General Education core (associate and bachelor's degree programs) must be approved by the Executive Director, Center for Academic Support and Advising Services (CASAS). Substitutions specifically mandated by a department must have approval

of the Department Chair and the Executive Director, CASAS.

Students desiring to use another course in place of a required course must complete a "Request for a Course Substitution" form and submit it to the Registrar's Office with all required signatures.

DROPPING/ADDING COURSES

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

Resident students desiring to take an online course must enroll in the course during the prescribed LU Online registration period. **Resident students taking online courses will be charged resident tuition.**

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 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.

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 the end of the tenth week, 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, depending upon the student's standing at the time the course is withdrawn. 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.

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 or drop CLST 100, 101, 102, or 103 without permission of the Director of the Bruckner Learning Center.

WITHDRAWAL FROM LIBERTY

Students withdrawing from the University during the semester must submit a withdrawal form which is available in the Student Service Center or a signed statement of withdrawal. As a part of the withdrawal process, the student should meet with a representative from the Student Advocate Office, the Financial Aid Office and the Student Accounts Office. The withdrawal date is the date the student begins the withdrawal process. The student begins the withdrawal process when he/she signs the withdrawal form or notifies a University official of his/her intent to withdraw.

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.

COURSE REPEAT POLICY

1. The purpose of the Course Repeat Policy is to allow students to have unwanted grades removed from their GPA calculation after the same course (or in certain cases a similar course) has been retaken at a later point in time. Courses retaken at Liberty and courses transferred into Liberty can be used. In order to activate the policy, the student must submit the Course Repeat Policy Form to the Registrar's Office.
 - a. If the course was retaken at Liberty, then the last grade earned for the course at the time the policy is activated will be used toward the GPA calculation.
 - b. If the course was retaken at another institution and transferred into Liberty, then the grade earned at the other institution will not be used toward the GPA calculation.
2. A maximum of 16 semester hours may be repeated under this policy.
3. The grade or grades which have been deleted from the calculation of the GPA will not count toward quality hours or hours earned, but will remain on the record as a course attempted. Under this policy, the grade(s) earned previous to the last grade earned will be changed to a grade of "R".
4. ENGL 100, MATH 100 and 110, CLST 100/101/103, GNED 101 and 102, and pass/fail courses may have the repeat policy applied without counting toward the 16 hour maximum.
5. When a student has taken the same course multiple times and uses the Course Repeat Policy, all prior earned grades for the same course will be replaced and only the number of hours for the first course taken will be applied to the 16 hour maximum.
6. Repeats for General Education courses will be evaluated as either an exact course match or with a similar course, which fulfills the identical General Education degree requirement.

7. Use of the Course Repeat Policy for a prior semester will not affect the academic standing for that semester. Academic standing in a prior semester can be changed only because of a grade reporting error.
8. The Course Repeat Policy form must be processed prior to graduation for the policy to be activated.

SCHOLASTIC REGULATIONS

Warning/Probation/Suspension/Dismissal. Students must maintain satisfactory standing in order to remain at Liberty. Satisfactory scholastic standing for students enrolled in bachelor's programs 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 or more hours)	2.00

Academic Standing is calculated only at the end of each fall and spring semester.

Students failing to attain and maintain the scholastic standing 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, or 103, and may not represent the University on any team without approval from the appropriate committee. In such instances, a grade of C or better must be earned in the assigned CLST course, or the course must be retaken in the **subsequent semester**. The course may not be dropped without permission from the Director of the Bruckner Learning Center.

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. These students are required to sign a contract 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 or 103, and may not represent the University on any team without approval from the appropriate committee. In such instances, a grade of C or better must be earned in the assigned CLST course, or the course must be retaken in the **subsequent semester**. The course may not be dropped without permission from the Director of the Bruckner Learning Center.

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 contact 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 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, or 103, and may not represent the University on any team without approval from the appropriate committee. In such instances, a grade of C or better must be earned in the assigned CLST course, or the course must be retaken in the **subsequent semester**. The course may not be dropped 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.

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.

At the end of each 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 on Academic Warning and Academic Probation are prohibited from traveling.

ACADEMIC AMNESTY

Students academically dismissed or academically suspended from the university must satisfy the subsequent guidelines for readmission under academic amnesty:

1. Not enrolled at the University for a period of 5 years.
2. Eligibility for readmission affirmed in writing to the Registrar's Office by the following departments: (1) Student Accounts and (2) Student Affairs.
3. Upon receiving a written appeal from the student, the Senate Committee on Academic and Admissions Standards (CAAS) MAY approve readmission. Said request must be stated clearly and contain (1) reason for request, (2) efforts made to improve during absence from Liberty. Such corroboration as may be deemed necessary may be requested of the student, i.e., transcripts from other institutions, etc.
4. Only the allowable number of grade repeats that were remaining at the time of Dismissal can be utilized.
5. Grades of A, B, and C will remain on the student's record and will calculate into the GPA.
6. As determined by the CAAS Committee, grades of D and F are revised to Q.
7. 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 registered 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 Program Director and/or Dean, 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 Program Director along with the sanctions recommended.
- c. If blatant academic dishonesty occurs in a clear and convincing manner, the student may receive a grade of F for the course in which the academic misconduct occurred.
- d. Students receiving a grade of F for academic dishonesty on a particular assignment will be notified by the professor of the course in an appropriate manner, including but not limited to returning the assignment with comments, email, letter, telephone call, and/or a personal meeting.
- e. If warranted, the results of academic honesty review may be forwarded to the Office of Student Affairs for any other disciplinary action that may be appropriate.
- f. If non-blantant academic misconduct (such as inadvertent plagiarism) occurs in a course, the professor will contact the student and conduct such further investigation as needed. If the professor determines that a sanction is called for, the professor may issue an oral reprimand, send written notification to the Department Chair 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 FD grade.

This FD 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 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 as FD, which will appear on the student's transcript. The repeat policy may not be applied to this grade.

If the student is found guilty of academic dishonesty (either blatant or non-blantant) in any subsequent course where a grade of FD 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 Dean 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 and Dean 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 LU 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 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 "FD," 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" in which an "FD" grade is recorded, 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 may not do additional coursework or finish assignments after the last day of classes. Students who are unable to complete coursework by the last day of class due to unavoidable circumstances may appeal to their professor for a temporary course grade of I (Incomplete). The Dean of the College/School must also approve the grade. Approval of the reason given rests with the Registrar's Office. The professor will establish a new deadline for completing the coursework, based on the circumstances. A maximum of 4 months may be allowed. If the coursework is not submitted by the new deadline, the student will receive the grade designated by the instructor at the time the Incomplete was granted.

Students who are unable to complete coursework by the last day of class due to significant illness or injury may appeal to their professor for a temporary course grade of M (Medical Incomplete). Appeals must be supported by medical documentation signed by a physician, then approved by the professor and the Dean. Medical extensions may be renewed, if the condition warrants, up to a maximum of one year from the beginning of the semester that the course was taken. Supporting documentation must accompany all requests for renewals. If the coursework is not submitted by the new deadline, the student will receive the grade designated by the instructor at the time the Medical Incomplete was granted.

Incomplete request forms will only be accepted during the last three weeks of classes.

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 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 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). 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/VPAA. The decision of the Provost/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. 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

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 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

1. All matriculated students, whether Resident or 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.
2. 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.
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, 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.
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 General Studies, 50% of the hours in the major component of the A.A. 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. A copy of the evaluation will be sent to the student. 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 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 removed 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.

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/index.cfm?PID=17612>.

Expenses and Financial Policy

Don Moon, B.S.

Chief Financial Officer

Vice President for Investment Management/Risk Manager

Anthony Beckles, B.S., C.P.A.

Vice President for Finance

Typical Resident Student Expenses

Full-Time (12 – 18 credit hours per semester)	Semester	Academic Year
Tuition	\$7,996	\$15,992
More than 18 credit hours	\$533 per credit hour	
Part-Time (Less than 12 credit hours per semester)		
Tuition (per credit hour)	\$	\$ 533
Mandatory Fees	643	1,285
Housing/Room & Board:		
Main Campus	2,998	5,996
Quad Living	3,310	6,620
Campus East	3,615	7,230
Books (estimate)	700	1,400

Resident Tuition and Fees 2009 – 2010

TUITION	Per Hour	Per Semester	Per Year	
Undergraduate (12 – 18 semester hours)		7,996	15,992	
(less than 12 or over 18 semester hours)	533			
Willmington School of the Bible	90			
English Language Institute		3,800	7,600	
HOUSING/ROOM & BOARD:				
Housing Fees				
Main Campus		2,998	5,996	
Quad Living		3,310	6,620	
Campus East		3,615	7,230	
ANNUAL FEES:				
Activity Fee/Student Center Fee		252	504	
Technology Fee		278	556	
Transportation Fee		75	150	
BASIC FEES:				
	One Time	Per Hour	Per Semester	Per Year
Application Fee	\$40	\$	\$	\$
Readmission Application Fee	40			
Audit Fee		75		
CONDITIONAL FEES:				
Vehicle Registration			113	226
Assessment Fees:				
Computer Skills	\$45			
English	10			
Math	10			
Drop/Add Fee (per course)	10			
Graduation Fee	100			

	One Time	Per Hour	Per Semester	Per Year
CONDITIONAL FEES (continued):				
Late Financial Aid Application	\$ 25	\$	\$	\$
Late Check-in Fee	125			
Late Registration Fee	100			
Withdrawal Fee	50			
Recording Fee		15		
Replacement ID Card	30			
Check Cashing Fee (per check)	3			
Returned Payment Fee (per transaction)	35			
International Health Insurance				600

Payment Plan Fees:

Payment Plan Participation Fee		45	
Deferred Payment Plan Fee		125	
Payment Plan Change (per change)		25	

EXPERIENTIAL LEARNING:

Test	Registration Fee	Administration Fee
Aviation	\$ --	\$25
CLEP	50	72
DANTES (DSST)	50	80
ICE	50	70

WASHINGTON SEMESTER PROGRAM:

Career Direct Assessment Fee	\$ 20
Application Fee	25
Tuition	6,198
Housing	3,500
Technology Fee	278
Metro Stipend	300
Food (estimate)	800

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 web page at <http://www.liberty.edu/registrar>.

FINANCIAL CHECK-IN

All students are required to complete Financial Check-in through Liberty University's online system. Official Financial Check-in (matriculation) occurs when a student has completed registration and has either paid or completed satisfactory financial arrangements with Liberty University for all tuition and fees, including prior balances.

New students are expected to complete Financial Check-in between the time they are admitted and the time they are scheduled to arrive on campus. Returning students are expected to complete Financial Check-in online after completing

registration. Deadlines, specific procedures, and payment options are posted online.

Students who do not matriculate prior to or during the official, published Financial Check-in days will be subject to a Late Check-in Fee of \$125. Check-in dates are published online at <http://www.liberty.edu/index.cfm?PID=16160>.

INITIAL PAYMENTS FOR RETURNING STUDENTS

Once a returning student completes Financial Check-in, payments made prior to the beginning of the semester are held in deposit to secure the student's class schedule, any 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. Otherwise, after drop/add, without prior written notification, the student and money on the account are subject to the conditions described in the official withdrawal policy.

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 Student Affairs section of this publication) during the first three weeks of the semester, he will be charged as follows:

- Main Campus - \$200 per week for any part of a week in which he resides in the residence hall.
- Quads Living- \$210 per week for any part of a week in which he resides in the residence hall.
- Campus East- \$250 per week for any part of a week in which he resides in the residence hall.

There will be no adjustment made for the room portion of the housing fee if he 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 during that week, will be charged \$150 for their stay.

BOOKS AND SUPPLIES

Textbooks and supplies are available at the University Bookstore. 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. Books may be charged to the student's account by means of the online book voucher system, if there is a credit on the account.

PERSONAL NEEDS

Laundry, cleaning, spending money, items related to personal grooming, towels, sheets, pillow, off-campus transportation, etc., vary with the individual and are an individual's responsibility.

ACTIVITY FEE

All students are required to pay an Activity Fee each semester in return for access to Ultimate LU 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.

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 as these funds contribute to improving educational and classroom facilities, information services accessible both on and off campus, student services, and administration.

TRANSPORTATION FEE

The Transportation Fee helps offset the cost of the intra-campus transportation system, off-campus transportation access, and other resources provided by the University dedicated to student transportation services. In addition, Liberty University students receive universal access pass privileges to use the Lynchburg Public Transit System at no cost. This is a required fee for all students, regardless of residence status, and is not pro-rated for part-time students.

NEW STUDENT ASSESSMENT FEES

All new students enrolled in the resident programs, both first-time college students and college transfer students, will be assessed in computer skills. The Computer Skills Assessment is mandatory and the fee is \$45. If a student transfers a course that demonstrates competency in the required computer skills, the department administering the test can waive the assessment requirement.

Students have the option to take assessments in English and math. These assessments are used to assist in placing students in the appropriate course level in these disciplines.

An Assessment Fee will be applied to the student's account for each test taken.

RETURNED PAYMENT FEE

A student will be charged a \$35 Returned Payment Fee for any returned or declined payment (check, automatic draft or declined credit card drafts). After two returned or declined payments, all transactions for the remainder of the academic year may be made by cash, money order, or certified check only. Repeat offenders are subject to losing check payment privileges completely, and the privilege of monthly payment plan options will then 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 will also be subject to this charge.

COURSE FEES

In certain courses, fees will be charged in addition to tuition. The list of course fees is published online at <http://www.liberty.edu/registrar>.

RESIDENT STUDENTS AND ONLINE COURSES

A resident student who takes LU Online courses, whether a couple of LU Online courses or all LU Online courses for a semester, will be charged at the resident rate.

It is the student's responsibility to contact Financial Aid and/or Student Accounts to make the payment arrangements after registering for LU Online courses. More information regarding online courses is available online at <https://www.liberty.edu/index.cfm?PID=17421> (login required).

REPLACEMENT ID CHARGE

Every student, living on or off campus, receives a LibertyOne Card, the official student identification card. In the event the card is lost, the student may purchase a replacement at the cost of \$30.

PAYMENT PLANS

The University offers Tuition Payment Plan (TPP) options in the form of scheduled monthly payments for tuition, fees, and on-campus housing charges. A non-refundable Payment Plan Participation Fee of \$45 is charged for each semester that the student participates in the TPP. The scheduled monthly payments are payable through (1) automatic draft from a bank account; or (2) automatic debit from a charge account. No interest is charged on the outstanding balance. Those students who enter a TPP and later withdraw from the plan are still subject to the \$45 Payment Plan Participation Fee. While the system will accommodate online adjustments to a student's account as additional credits or debits change the balance due, changes to a TPP requiring University staff intervention are subject to a \$25 Payment Plan Change Fee.

It is the responsibility of the student and/or person financially responsible for the student's account to maintain current bank or credit card information and to insure that the account has sufficient funds at the time of the scheduled draft under the TPP agreement. The bank or credit card account must be from an institution that participates in automatic draft/debit programs. Liberty University cannot draft payments from money market, trust, home equity, or savings accounts.

STUDENT ACCOUNT PAYMENT

A student's account must be paid in full in order to enroll in any courses in the subsequent semester. The online Financial Check-in process is the means by which a student confirms their financial arrangements with Liberty University.

Monthly statements are sent to students who have an outstanding balance on their account. Payments not received in the Student Accounts Office by the first week of the following month, will be charged a Late Fee of 1% per month.

INTEREST FEES

An annual interest rate of 12% (1% per month) will be charged on all outstanding balances 30 days or more past due.

UNPAID ACCOUNTS

Tuition, the housing fee (applicable to on-campus students only), and all other costs for the full semester 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. 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.

WITHDRAWAL FEE

A fee of \$50 will be charged for the processing of an official, unofficial, or administrative withdrawal from the University.

WITHDRAWAL REFUND POLICY

Withdrawals from Liberty University fall under different categories: academic, administrative, medical or personal.

Resident students are considered 'withdrawn from the University' if they withdraw from all courses for the semester. Withdrawing from individual courses, while maintaining enrollment in others, does not constitute a total withdrawal.

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 dormitory fee will be charged at the rate of \$200 per week for Main Campus residence halls, \$210 for Quad-living residence halls, and \$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; however, 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.

OFFICIAL WITHDRAWAL POLICY

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.

MEDICAL WITHDRAWAL POLICY

This applies to **Resident students only** and only for medical conditions documented by the on-campus Light Medical physicians. Tuition, mandatory fees and housing fee will be pro-rated by week or any portion for a week attended. 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, Liberty University Online students must contact their Academic Advisor. Resident Students must contact their Student Advocate. For more information on the financial repercussions of withdrawing, please contact Liberty University's Financial Aid Office at 434-582-2270.

REFUND POLICY FOR ENROLLED STUDENTS

Authorization to hold a Title IV credit balance is indicated through the Financial Check-in process. This authorization may be rescinded at any time. Recipients of Title IV federal funds who have requested a refund will automatically be refunded their credit balance within 14 days from the time the credit occurs or the first day of classes, whichever is later. All other students must submit a written request by email, letter, or FAX. All refunds will be processed according to the student's preferences as indicated online. Options include direct deposit to the student's LibertyOne account or automatic transfer to a checking account. Refund checks will be disbursed for the entire credit balance, unless otherwise specified. Students will be limited to two checks per semester. Refunds will not be provided for credit balances derived solely from institutional scholarships. These accounts will be properly adjusted by Financial Aid.

Financial Aid Information and Policies

Robert Ritz, B.S., M.S., Ph.D.
Executive Director of 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. Auditors and special non degree students are not eligible for financial aid; and
3. Complete and file 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.
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 Expected Family Contribution or 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 above) 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. In order for a Liberty University student to continue to receive financial aid from any source, the student must maintain 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 Campus North or on the Internet web site at <http://www.liberty.edu/financialaid>.

Financial Aid Satisfactory Academic Progress Policy

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, Academic Competitiveness Grants, Federal SMART Grants, Federal TEACH Grants, and Federal Family Education Loans (Stafford, 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 are sent to all students who have insufficient academic progress and are being placed on Financial Aid Warning, Probation, or Suspension as a result.

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
Bachelors Programs 72 plus hours earned (except B.S.N.); Associates Degree; Willmington School of the Bible Diploma (Th.G.); M.A.R.; M.R.E.; M.Div.; J.D.; M.A. (Christian Leadership; Discipleship Ministries; Evangelism and Church Planting; Intercultural Studies; Marketplace Chaplaincy Ministries; Pastoral Counseling; Student Ministries; Theological Studies; Children's Ministry; Worship Studies)	2.00
B.S. in Nursing. M.A. (Human Services; Management and Leadership), M.A.T., M.Ed.	2.50
M.A. (Counseling, Global Apologetics, Marriage/Family Therapy, Communications, English, History, Religious Studies), M.B.A., M.S., M.S.N., S.T.M., Th.M., Ed.S., Ed.D., D.Min, Ph.D.	3.00

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. Also, the Federal SMART and Federal ACG Grants have additional requirements including a 3.00 cumulative grade point average. **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. 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
Willmington School of the Bible Diploma (Th.G.)	30
Bachelors Degree	180
Associates Degree Masters Degree Education Specialist (Ed.S.) Doctoral Degree	90
M.Div., J.D.	135

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 the following 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: AU, BU, CR, CU, F, FD, 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; and
- allow 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 the 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.

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.

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 FASAP 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 satisfactory academic progress.

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 5th 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 Willmington School of the Bible, Graduate, Doctoral and Law; 1.50 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 University School of Law adheres to a schedule which allows for grades to be submitted after the end of the Term. Because of this Liberty University 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 "probation" and will remain eligible for financial aid while on financial aid probation.

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. Reinstatement of aid eligibility will only affect current or future enrollment periods.

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:

- LU Online Military Tech Fee Waiver
- 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 and governing Office of Human Resource policies.
- LU VTAG Institutional Fund
- WWMC Radio Scholarship Fund

Financial Aid 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 Director 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. After committee review of 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. During the period of an approved appeal, adequate progress measured within the Term allows the student to be classified as a continuing approved appeal.

Students on financial aid warning or probation status are not required to submit a letter of appeal since their financial aid eligibility will continue during the warning and probation status. For students receiving financial aid in the form of subsidized employment, the students' 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 their financial aid eligibility because regulations may limit the time within which aid may be re-awarded and/or disbursed.

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.

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

Lending Statement:

Students may borrow through any lender that participates in the Federal Family Educational Loan Program (FFELP). Liberty University encourages students to borrow only what is absolutely

needed. Excessive borrowing leads to very large monthly payments in the future.

Consumer Information:

Liberty University, as permitted by federal regulation, now uses electronic means to disseminate required student consumer and "Right-To-Know" Act information such as academic progress, refund and eligibility 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 on the Internet at <http://www.liberty.edu/financialaid>. A paper copy of this information is available upon request.

La información está también disponible en español.

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 account for communication on the student 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 loan application and entrance counseling when receiving a SSL 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 U.S. 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 or 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:

- not be in default on a Perkins Loan, a National Direct Student Loan, or a Stafford Student Loan;
- not owe a refund on a Pell Grant or a Federal Supplemental Educational Opportunity Grant (FSEOG);
- sign a statement stating that the funds will be used only for education related expenses; and
- be making satisfactory academic progress toward the completion of his/her course of study.

FEDERAL PELL GRANT

Federal Pell Grant awards range from \$400 to \$5,350 for 2009-10 and vary from year-to-year. An additional disbursement may also be allowed for the Summer Term. 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 2009-10, the maximum award amount is \$1,000 per academic year for a full time student. This also varies from year to year.

FEDERAL ACADEMIC COMPETITIVENESS GRANT AND FEDERAL SMART GRANT

The Higher Education Reconciliation Act of 2005 created two new federal grant programs: the ACG (Academic Competitiveness Grant) and the National SMART Grant (National Science and Mathematics Access to Retain Talent). *Additional federal regulations for Federal ACG and Federal SMART were signed on May 7, 2008, which may change the information listed below.*

FEDERAL ACG Summary

The ACG will provide assistance for the first and second year of undergraduate study to full-time students who are U.S. citizens, recent high school graduates, eligible for a Federal Pell Grant and who successfully completed a rigorous high school program as determined by the state of local education agency and recognized by the Secretary of Education. Second tier students must also have maintained a cumulative GPA of at least 3.00.

The ACG award is given in addition to the student's Pell Grant award. Students must complete the FAFSA to apply for this grant. There is no separate application for the ACG.

FEDERAL SMART Grant Summary

The National SMART Grant will provide additional assistance for each of the third and fourth years of undergraduate study to full-time students who are U.S. citizens, eligible for a Federal Pell Grant and majoring in physical, life or computer sciences, mathematics, technology, or engineering or in a foreign language determined critical to national security.

The student must also have maintained a cumulative GPA of at least 3.00. The National SMART Grant award is in addition to the student's Pell Grant award. Students must complete the FAFSA to apply for this grant. There is no separate application for the SMART Grant.

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, you 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 you fail to complete this service obligation, the U.S. Department of Education will convert all Federal TEACH Grants funds that you received to a **Federal Direct Unsubsidized Stafford Loan**. You must then repay this loan to the U.S. Department of Education. **You 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 U.S. 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. Such coursework may include subject area courses (e.g., math courses for a student who intends to be a math teacher).
- 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

The following degree programs are eligible for the Federal Teach Grant:

- (B.S.) Biology (General or Environmental Science) with Teacher Licensure
- (B.S.) Special Education Integrated Studies (English, Math, Psychology, Science, Social Science)
- (B.S.) Mathematics with Teacher Licensure
- (B.S.) Teaching English as a Second Language with Teacher Licensure
- (M.A.T) Master of Arts in Teaching: Secondary Education
- (M.A.T.) Master of Arts in Teaching: Special Education
- (M.Ed.) Masters in Education: Reading Specialist with Teacher Certification

- (M.Ed.) Masters in Education: Secondary Education with Teacher Licensure
- (M.Ed.) Masters in Education: Special Education with Teacher Licensure

STAFFORD LOANS

Federal Stafford 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 U.S. 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 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	8,500	12,000

PLUS LOAN DENIAL

Dependent undergraduate students whose parents are denied eligibility for the Federal PLUS Loan have higher additional Unsubsidized Loan amounts. Freshman 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: \$57,000 (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 PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS)

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 financial need. The financial need is determined from the results of 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 aid check-in. Federal Work Study is awarded to eligible students with remaining federally defined unmet need. Awards are made until projected program funds are depleted.

Virginia Student Aid Programs

TUITION ASSISTANCE GRANT PROGRAM (VTAG)

Established in 1972, the Tuition Assistance Grant Program (VTAG) is designed to assist Virginia residents who attend accredited private, non-profit colleges and universities in Virginia for other than religious training or theological education. The VTAG is authorized in Chapter 4.1 Section 23-38.11 through 18 of the *Code of Virginia* as the Tuition Assistance Grant Act.

Applications must be submitted to the Financial Aid Office before the published annual deadline in order to be considered for the maximum award amount. The maximum undergraduate amount is estimated at \$3,000 per year. The graduate (M.S.N. degree) amount is estimated at \$1,300 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 8 semesters as an undergraduate and 6 semesters as a graduate student. Students moving from undergraduate to graduate must complete a new VTAG application.

The following undergraduate degree programs are **not eligible** for VTAG funds

- (B.A.) Pastoral Leadership and Biblical Exposition
- (B.S.) Inter-Cultural Studies
- (B.S.) Worship and Music Studies

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.) program is the only graduate program eligible for VTAG.

COLLEGE SCHOLARSHIP ASSISTANCE PROGRAM (CSAP)

Full-time undergraduate students who have been Virginia domiciliary residents for at least one year are eligible to apply for the CSAP award. A student who is in Virginia solely to attend college is not considered to be a domiciled resident. Financial need must be demonstrated. Early applicants will be given priority consideration.

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 Education 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. The VA's web site 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 Education 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 Education 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 Scholarships must complete and file a Free Application for Federal Student Aid (FAFSA) with the U.S. Department of Education by March 1 for the next academic year and complete verification, if selected, in order to receive institutional aid and all federal aid. 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 required.

Federal aid (Pell, SEOG, 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 satisfactory academic progress 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/financeadmin/financialaid/index.cfm?PID=294>.

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. 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 and Humanities.**

National Merit

Scholarships are awarded to students who have been designated National Merit Finalists or Semi-Finalists and who participate in the Honors Program. **For more information, contact the Honors Program 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.

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 24502

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: Vice President for Student Affairs, Vice President for Enrollment Management/Registrar, Faculty Athletics Representative, Executive Director 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.

Student Affairs

Mark Hine, B.S., M.Div., D.Min.
Vice President for Student Affairs

PURPOSE

The purpose of the Office of the 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.

We contribute 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:

- 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
- Responding to the needs of students as they grow, spiritually, academically, and socially
- Assisting students in responsible decision-making
- Presenting leadership opportunities and offering leadership training
- Providing an atmosphere which supports wellness in all aspects of life

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. 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.

Students are expected to conduct themselves according to the rules of the University at all times. The specific rules, regulations, and policies that govern student behavior are outlined in this catalog and *The Liberty Way*, which is available online at <https://www.liberty.edu/index.cfm?PID=1417> (login required).

Office of Student Housing

Beatriz D. Saunders, B.S.
Director 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 30 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-come, first-served basis. Detailed information is available online at <http://www.liberty.edu/studentaffairs/studenthousing/index.cfm?PID462>.

Office of Commuter Affairs

Lawrence Provost, B.A., M.A.
Director of Commuter Affairs

The Office of Commuter Affairs (OCA) is committed to connecting commuter students to Liberty University and the Lynchburg community by providing services and programs that will identify and meet the needs of the commuter student population. For additional information on commuter student services and programs call 434-592-3067 or visit the webpage at <http://www.liberty.edu/index.cfm?PID=158>.

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 30 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 at <http://www.liberty.edu/index.cfm?PID=158>. Rental fees generally range from \$500 to \$800 per month.

Parent and Family Connections Office

Theresa Dunbar
Director of Parent and Family Connections

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

More information on events and services is provided online at <http://www.liberty.edu/index.cfm?PID=7095>.

Center for Multicultural Enrichment

Melany Pearl, B.S., M.A.
Dean of the 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 more information visit the Center4ME webpage at <http://www.liberty.edu/index.cfm?PID=7095>.

Student Care and Conduct

Keith Anderson, B.S., M.A.R., M.R.E.
Director, Student Care and Conduct Offices
Senior Conduct Officer for Men

Hope Mink, B.S., M.A.
Director of Programming, Student Care

Dane Emerick, B.S.
Senior Student Care Pastor

Charles Hughes, B.S., M.A.R., M.R.E., M.Div., D.Min.
Student Care Pastor, Director of Prayer Ministries

Andrea Adams, B.A., M.Div.
Senior Student Conduct Officer

The Office of Student Care facilitates Christian community and individual development on Liberty University's campus by providing crisis intervention, counseling services, life-skills training, and mentoring. For more information call 434-582-2651 or email studentcare@liberty.edu.

The Office of Student Conduct facilitates Christian community, personal development, and the individual responsibility by upholding University policies and addressing incidents of student misconduct in a caring, just, and restorative manner. For more information call 434-582-7393 or email studentconduct_male@liberty.edu or studentconduct_female@liberty.edu.

Student Government Association

The purpose of the Student Government Association shall be 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.

Additional information is available online at <http://www.liberty.edu/index.cfm?PID=197>.

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.

A list of approved clubs and organizations is available online at <http://www.liberty.edu/index.cfm?PID=2911>.

Student Leadership

Dwayne Carson, B.S., M.A.R.

*Vice President for Spiritual Development
Director of the Office of Student Leadership
Campus Pastor*

Amber Parker, B.S., M.A.R.

*Assistant to the Vice President of Spiritual Development
Associate Director for Administration*

Michael K. Miller, B.S.

*Chief of Staff, Office of Student Leadership
Associate Director of Student Leadership
Campus Pastor*

Chris Deitsch, B.A.

*Associate Director of Student Leadership
Campus Pastor*

Hayoung Chien, B.S., M.A.R.

Associate Director of Student Leadership

Amy Murrell, B.S., M.A.R., M.R.E.

Associate Director of Student Leadership

PURPOSE

The Office of Student Leadership works to ensure that every Liberty University student has the opportunity to develop their Christian walk with the assistance of a support network of Campus Pastors, Associate Directors, Resident Directors, Resident Assistants, Spiritual Life Directors and Prayer Leaders.,

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 Director

Spiritual Life Directors (SLD) facilitate spiritual development on their residence hall through love, encouragement and counseling. SLDs work with Prayer Leaders to minister, mentor and equip Prayer Leaders for ministry.

Prayer Leaders

Every Liberty student on campus is part of a five-person prayer group led by the Prayer Leader (PL). The PL prays or the students in their group daily by name and encourages the development of those students' personal and spiritual lives.

For more information, email the Office of Student Leadership at studentleadership@liberty.edu, or call 434-592-4138. The Office of Campus Leadership is located on Main Campus in the Spiritual Life and Academic Building (SLAB), Suite 112.

Spiritual Programs

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

*Vice President of Executive Projects and Media Relations
Campus Pastor*

Convocation and Campus Church

As a dynamic institution vitally interested in the whole person, Liberty provides for physical, social, intellectual, and spiritual needs of the Liberty community. To meet these needs, Liberty provides opportunities for students to gather and serve as a community through convocations, 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 50 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 and Vice Chancellor help make convocation a refreshing and challenging time. All students are required to attend all convocations.

CAMPUS CHURCH SERVICES

The Sunday and 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 Sunday morning and Wednesday evening campus services.

Liberty Online Ministries

Kevin Conner, B.S., M.A.R., M.Div.

Online Campus Pastor

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>.

Center for Global Ministries

Don Fanning, B.A., M.A., M.Div., D.Min.

Executive Director, Center for Global Ministries

Chair, Department of Inter-Cultural Studies

Professor of Inter-Cultural Studies

The purpose of the Center for Global Ministries is to challenge, train and mentor Liberty students for world evangelism, church planting and church growth in all areas of the world, providing the knowledge, tools and experience to become champions for Christ in a global strategy for building His Church.

The Center for Global Ministries offers dozens of short term mission trips for high school and college students, hosts Missions Emphasis Week each semester, and supervises the Intercultural

Studies degree program. For more information call 434-592-4127, email missions@liberty.edu, or visit the website at <http://www.liberty.edu/index.cfm?PID=154>.

LIGHT MINISTRIES

Tom Nylander, B.S., M.A.R.

Director, Light Ministries

Light Ministries is the collegiate short term missions department of the Center for Global Ministries. Light organizes and lead international mission trips for Liberty University students. In more than 20 years, Light has conducted over 250 evangelistic campaigns involving over 8,000 students in more than 100 nations.. More than three million people have heard the gospel through LU students serving with Light Ministries. Each year, Light Ministries schedules around a dozen short term mission trips.

LU ABROAD

Matt Rawlins, B.S., M.A.R.

Director, LU Abroad

LU Abroad gives students the opportunity to fulfill the internship requirements for their major in a cross-cultural ministry setting. These internships connect students with long-term mission agencies and provide practical training and experience, in the student's field of study, in another country, language and culture.

Interns work side-by-side in a country of their choosing with local missionaries who offer practical ministry training. Students use their major as they assist with children's programs, college ministries, adult ministries, Bible studies, accounting, data entry, communication, graphic design, health clinics, web development or many other ministry-related responsibilities. Interns gain real life missions experience by seeing the country and the work first-hand.

Campus Recreation

Lee Beaumont, B.S., M.S.

*Assistant to the Chancellor
Director of Auxiliary Services*

The Department of Campus Recreation provides a variety of options for resident 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 promises something for everyone.

Student Activities

Chris Misiano, B.S., M.A.R.

Director of Student Activities

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 at LU.

Student Activities provides an extensive variety of entertainment opportunities, both on and off-campus, usually free or at an exclusive LU student discount price. Options include everything from concerts featuring the biggest names in Christian music (Switchfoot, Leeland, David Crowder Band, Casting Crowns) to Open Mic Nights, movie nights, and outdoor recreation (whitewater rafting, skiing, horseback riding, hiking) Student Activities has something for everyone. For detailed information call 434-592-3061 or access the Student Activities website at <http://www.liberty.edu/studentactivities>.

Recreation Facilities

Andrea Sherwood, B.S., M.S., ATC/L, NASM-PES

Director of Student Centers

The LaHaye Student Union provides multiple opportunities for meeting the recreational, fitness, and wellness needs of the University family in a Christ-centered atmosphere. More information is available online at <http://www.ultimatelu.com/index.cfm?PID=17486> or by calling 434-592-3221.

LAHAYE STUDENT UNION

The Recreation Center offers students a variety of co-curricular environments that provide vital social outlets for the development of a well-rounded collegiate experience. 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 swimming pool with a maximum depth of 12 feet for lap swimming and recreational use. The aquatic facility also 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 six pool tables and three ping pong tables as well as three flat screen television gaming stations. The Tilley Center is a swipe only facility making it available only to LU students and anyone who pays a membership to the LaHaye Student Union.

THOMAS INDOOR SOCCER FIELDS

Connected to 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

CAMPUS EAST CLUBHOUSE

The Club House is a recreational center that offers billiards, a theatre, computer lounge, the Campus East Market and an outdoor pool.

LAHAYE ICE CENTER

Kirk Handy, B.S.

Director of Club Sports

This facility is the home of the Flames and Lady Flames hockey teams. During non-practice hours, students can enjoy ice skating, hockey and broomball. The LaHaye Ice Center also offers figure skating and Learn to Skate sessions. Additional information on programs and scheduling is available by calling 434-592-3953 or online at <http://www.lahayeicecenter.net/>.

Outdoor Recreation

LIBERTY MOUNTAIN TRAIL SYSTEM

The Liberty Mountain Trail System consists of over 65 miles of single and double track trails and logging roads spanning approximately 5,000 acres. The mountain rises to over 1,360 feet and offers cross country and gravity-fed trails for both hiking and mountain biking. A trail map and additional information is available online at <http://www.ultimatelu.com/index.cfm?PID=17523>.

LIBERTY MOUNTAIN SNOWFLEX® CENTRE

Drew Sherwood

General Manager

Liberty Mountain Snowflex® Centre, located off Candler's Mountain Road, consists of two main distinct ski runs. The 550 ft. terrain run with three jumps and a quarter pipe at the bottom, and a 550 ft. ski slope with two integrated rails. The ski lodge is an 8,000 square foot facility at the base of the ski runs. This building houses the ticket 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. The Liberty Mountain Snowflex Centre is open seven days a week for LU students and public access.

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.

PAINTBALL FIELDS

LU'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.

MOTORCROSS/ATV TRACK AND TRAIL SYSTEM

Nestled in LU'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

Kirk Handy, B.S.

Director of 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.ultimatelu.com/index.cfm?PID=17515>.

MEN'S CLUB SPORTS

Archery	Snowboarding
Crew	Taekwondo
Gymnastics	Triathlon
Ice Hockey	Volleyball
Paintball	

WOMEN'S CLUB SPORTS

Crew	Lacrosse
Equestrian	Snowboarding
Figure Skating	Taekwondo
Gymnastics	Triathlon
Ice Hockey	

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.ultimatelu.com/index.cfm?PID=17509>.

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	Dunk Contest
Women's Broomball	Men's 3-point Shootout
Coed Broomball	Women's 3-point Shootout
Men's Flag Football	Men's Beach Volleyball
Women's Flag Football	Women's Beach Volleyball
Fantasy Football	Coed Beach Volleyball
Men's Outdoor Soccer	Men's Softball
Women's Outdoor Soccer	Women's Softball
Men's Outdoor Soccer	Men's Dodgeball
Men's Indoor Soccer	Women's Dodgeball
Women's Indoor Soccer	Coed Dodgeball
Billiards	

Intercollegiate Athletics

Jeff Barber, B.S.

Director of Athletics

Mickey Guridy, B.S., M.B.A.

Senior Associate Athletics Director, Internal Operations

Meredith Eaker, B.S., M.A.

Associate Athletics Director, Senior Woman Administrator

Kevin Keys, B.S.

Associate Athletics Director, External Operations

Kristie Beitz, B.S., M.S., Ed.S.

Associate Athletics Director for Academic Affairs

Bob Good, B.S.

Director of Athletics Development

Executive Director, Flames Club

Mike Hagen, B.S., M.A.

Assistant Athletics Director for Compliance

Todd Wetmore, B.S.

Assistant 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 19 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 dominate member of the Big South Conference since 1991, winning seven Big South Sasser Cups and a league-best 88 conference titles.

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 www.LibertyFlames.com.

MEN

- | | |
|---------------|----------------------|
| Baseball | Soccer |
| Basketball | Tennis |
| Cross Country | Track and Field |
| Football | (Indoor and Outdoor) |
| Golf | Wrestling |

WOMEN

- | | |
|---------------|----------------------|
| Basketball | Swimming (2010-11) |
| Cross Country | Tennis |
| Lacrosse | Track and Field |
| Soccer | (Indoor and Outdoor) |
| Softball | Volleyball |

CHEERLEADING

Jenny Sydnor

Cheerleading Coach

Purpose

The purpose of the Liberty University Cheerleading team is to provide positive support for athletic teams, participate in various Liberty and community events, and participate in fundraising activities as appropriate to support the program.

In participating in these activities and events, the cheerleaders will work to improve recognition, respect, and loyalty to Liberty University, promote student and fan morale and excitement, and develop, promote, and improve the Liberty University cheerleading team to make the squad recognized and respected.

General Information

Cheerleading requires both time and dedication. The Liberty University Cheerleading team includes a co-ed team, which performs at all home football and men's basketball games, as well as an all girls team, which performs at all home football games and women's basketball games.

A select team will also travel to some away football games and respective basketball tournaments. Throughout the year the Liberty Cheerleaders practice 3 days a week for 2 hours per practice. Liberty also provides a trainer and each member of the team is required to attend workouts 3 times per week. The team receives many appearance requests from the University, as well as the community.

Information on the application process, tryout procedures and scholarship aid is available online at www.LibertyFlames.com.

STUDENT FLAMES CLUB

Doug Wallace, B.S.

Student Flames Club President

Flames Club Graduate Assistant

Founded in 2006, the Student Flames Club (SFC) is designed for students who are passionate about Liberty Athletics. The purpose of the SFC is to provide members with activities and events that will connect them to the teams and enhance the pre-game atmosphere, while also helping to increase enthusiasm and support for our athletics program among the entire student body. The SFC grew to more than 900 members in 2008, and membership benefits include an authentic 2009 Nike SFC t-shirt, discounts at local restaurants and retailers, exclusive game-day tailgating privileges, and priority on tickets for away games, post-season tournaments, and playoffs. For more information, visit the Hancock Athletic Center, call 434-592-4693, contact by email at SFC@liberty.edu or visit the official Flames website at 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 Campus North complex, provides 24/7 patrol protection by police, security, security and medical service personnel to the campus, parking lots, residence halls and other properties owned or controlled by the University. LU Police Officers are duly sworn with full law enforcement powers and responsibilities, identical 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 regulating underage drinking, the use of 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 434-582-7641 (non emergencies) or 434-582-3911 (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 Federal Signal Codespear, Liberty University has implemented the Campus Alerting System. This system allows all University constituents to receive notification the

moment 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 <https://liberty.smartmsg.com/> (login required).

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

Parking Decals must be obtained from LUPD within two business days of operating the vehicle on campus. For additional information on Traffic and Parking Regulations see <http://www.liberty.edu/index.cfm?pid=1228>.

LU Transit Services

Liberty University provides one of the most comprehensive transportation systems found at large institutions. The goal of LU Transit Services is to make a 20-minute cross-campus commute possible without the use of a personal vehicle with the focus on the reduction of dependency on single occupancy vehicles. Buses operate over 136 hours per week and service is as frequent as every three minutes.

LU has partnered with the Greater Lynchburg Transit Company (GLTC) to operate the campus transit system and the U-PASS program. With U-PASS, current resident students and employees can also ride the 15-route GLTC system free of charge all year. LU Transit also provides no cost park and ride options and the carpool program. For more details regarding LU Transit Services see <http://www.liberty.edu/transit>.

Liberty OneCard (Campus ID)

The Liberty OneCard is the official Liberty University ID card. The University has partnered with Higher One to provide the optional OneAccount, an FDIC insured checking account. If the OneAccount is opened, the Liberty OneCard becomes the debit card and can be used to make purchases anywhere MasterCard is accepted. You are under no obligation to open the OneAccount; it is there for your convenience.

When the student receives their Liberty OneCard they must "Activate" their card. During this process the student will be prompted to select one of the Refund Preferences available. Any credit on the student account (with the exception of Parent Plus Loans and if the student selects during Financial Check-in that any credit on the student account remain from the Fall to Spring semester) will be released to Higher One. The funds are disbursed to the student based on the refund preference on file with Higher One at that time.

For more information, contact the Liberty OneCard office at 434-582-7771 or access the web page at <http://www.liberty.edu/onecard>.

Student Service Center

The Student Service Center (SSC), located in the Campus North complex, 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 hours of operation are 8:30 am - 4:30 pm, Monday through Friday. During Convocation, the SSC is closed from 9:00 – 10:00 am Monday and Friday, and 9:30 - 11:30 am on Wednesday. The Call Center is open 8:30 am - 4:30 pm Monday through Friday and closed for Convocation on Wednesday from 9:30 - 11:30. For more information call 434-592-5100; additional resources and information is available online at <http://www.liberty.edu/student-service-center>.

Student Advocate Office

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

Student Welcome, Orientation and Retention Director

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 the Campus North complex, Room 2668. 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

Debbie Webb

Coordinator and Office Manager

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

Information Services

Matthew Zealand, B.S.

Chief Information Officer

Liberty University Information Services (LUIS) strives to provide world-class information resources, telecommunications, computing and networking tools and services to Liberty faculty, staff, students and the community to facilitate learning, instruction, research, creative activities, and the daily operations of Liberty University.

LUIS maintains the campus wireless network, which extends to the University's 123 buildings, covering 2.9 million square feet of facilities including the University classrooms, 100% of which are technology-enabled.

IT CUSTOMER SUPPORT

Jason Rawlings, A.A., MCP, CompTIA A+, Network+

Director, IT Customer Support

IT Customer Support provides the most robust level of technical support to the Liberty University community and to build relationships with faculty, staff and students alike to better serve their technological needs. The latest information is available via Blog, Twitter, and PodCast and can be found at www.liberty.edu/customersupport.

IT HELP DESK

The IT Help Desk assists students with computer problems by phone, remote assistance, or walk-in service. Help Desk 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 IT HelpDesk is located in Campus North 1539; to contact by phone call 866-447-2869 or 434-592-7800.

In addition to wireless support and network access, Liberty University recently opened the IT Marketplace, a single location to purchase laptops, software, and computer peripherals at discounted prices. The IT Marketplace can be accessed online at <http://www.liberty.edu/itmarketplace>.

IT TESTING AND TRAINING CENTER

The IT Testing and Training Center provides IT-related training to faculty and staff. Testing services are also offered to the University, students and the general public for certification in fields of expertise including Cisco, Apple and Oracle. For more information, visit the web page at <http://www.liberty.edu/training>; to contact by phone call 434-592-7820.

IT OPERATIONS

Connie Allison, B.S., M.B.A.

Director, IT Operations

IT Network Operations monitors, maintains and manages the enterprise information, communication and infrastructure systems and participates in planning and implementing of highly secure, fault tolerant, and scalable information and communication solutions.

IT DEVELOPMENT

Christopher Hara, B.A.

Director, IT Development

IT Development provides technical support to the University community in the areas of IT Project Management, Software Applications Development, Verification and Testing and Network Engineering. For information please visit the IT Development web site at <http://www.liberty.edu/itdevelopment>.

IT BUSINESS INTELLIGENCE

Ted G. Whitney, B.S.

Executive Director, IT Business Intelligence

The Business Intelligence Office provides support to many of the University departments including SCT Banner support, enrollment analysis and projections, reports and more.

University Bookstore

Ms. Ellen Mayes, B.S., M.S.

Manager

Located at the entrance to Main Campus, the Barnes and Noble 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/>.

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 umbrellas of the Center for Academic Support and Advising Services (CASAS) and the Bruckner Learning Center, 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. Developing reasonable accommodations is a real challenge for everyone involved.

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
- One-on-one academic advising
- 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 DEPARTMENT

Mrs. Sue Willmington

Coordinator

Since 1973 the Hands of Liberty Deaf Department has been providing support services for hearing impaired students. These support services include: interpreters in classrooms and all campus-related activities, direction and counseling, and facilitated communication with official agencies/offices on and off campus, etc.

Health Services

Liberty University Health Services 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. It is located in the Campus North building near the LaHaye Student Union and the Campus North student entrance.

Office hours are Monday – Friday, 8:30 a.m. – 5 p.m. To schedule an appointment, please call (434) 200-6370.

For more information visit the Health Services webpage at <http://www.liberty.edu/index.cfm?PID=451>.

LU Dining Services

LU Dining Services are offered at nine 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 Liberty OneCard. Commuter students purchase meal plans and points on a semester basis.

Additional information on meal plans, nutritional information, locations, hours of operation and other services provided can be accessed at <http://www.libertydining.net>.

LU Postal Services

The LU Post Office is located in the Campus North complex and maintains hours of operation from 8:30 am to 5:00 pm during the fall and spring semesters.

Each on campus resident student is assigned a LU box number based on the location of their dorm to the nearest mail receptacle. Students can locate their LU box number by logging onto ASIST and accessing the information through "My Housing and Dining".

Restricted mail, such as registered, certified, insured and express mail, as well as packages, are held at the Post Office and notification is sent to the student's LU email address when the package has arrived.

For more information related to LU Postal Services, please see <http://www.liberty.edu/postalservices>.

A. Pierre Guillermin

Integrated Learning Resource Center

Faculty

David L. Barnett, Th.B., M.L.S., M.Div., M.S., D.Min.

Dean, Integrated Learning Resource Center

Associate Professor of Business

Lowell Walters, B.S., M.S.L.S.

Associate Dean, Integrated Learning Resource Center

Access Services Librarian

Michael A. Cobb, A.A.S., B.A., M.L.S., M.A.

Electronic Resources Librarian

Kimberly J. Day, B.S.

Document Delivery Librarian

Jeffrey M. Dull, B.S., M.S.L.S.

Liberty University Online Librarian

Thomas W. Fesmire, B.A., M.A., M.L.I.S.

Department Chair, Information Management

Russell H. File, B.A.A., B.S., M.L.S., M.Ed.

Collection Management Librarian

Carl Merat, B.S., M.S.L.S.

Head of Collection Management

Randy L. Miller, B.S., M.S.

Outreach and Instruction Librarian

Rory Patterson, B.A., M.A., M.L.I.S.

Reference and Instruction Librarian

Anne Reynolds, B.S., M.L.S.

Resource Management Librarian

Abigail R. Sattler, B.S., M.S.

Archivist

Rachel E. Schwedt, B.A., M.L.S.

Curriculum Librarian

Gregory A. Smith, B.A., M.L.S.

Director, Finance and Assessment

Lori Beth Snyder, B.A., M.S.L.S.

Resource Management Librarian

Tyler Veak, B.A., M.A., Ph.D.

Associate Librarian for Instruction

Robert Weaver, B.A., M.L.S.

Serials Librarian

PURPOSE

The Integrated Learning Resource Center (ILRC) incorporates the University's main library and academic computing facilities. Bearing the name of the University's President Emeritus, the ILRC is the focal point of academic life at Liberty. Strategically located in the Arthur S. DeMoss Learning Center, the ILRC supports instruction, research, productivity, community-building, and other activities relevant to the University's mission. The ILRC's library resources and services are housed primarily on the first floor, while student computing access is concentrated on the second and third floors. The ILRC staff also manages a 24-workstation computer lab in the Campus North complex. The ILRC is open for student use across a wide range of hours each week during the academic term.

INSTRUCTIONAL RESOURCES

The ILRC's computing resources consist of more than 800 workstations located in fifteen classrooms and six open areas. With the exception of machines reserved for library catalog searching, all ILRC computers are pre-loaded with a variety of software titles available for student use, including Microsoft® Office 2007, Adobe® Creative® Suite 4, Microsoft® Visual Studio® 2007, Mathematica® 6, and SPSS.

Classrooms in the ILRC support a wide array of disciplines, including business, computer science, graphic design, information technology, language, math, psychology, and video production. All ILRC 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 ILRC is an integral part of the educational process, providing digital and traditional information resources to support the University curriculum and mission. The ILRC 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 310,000 volume equivalents and 700 current periodical subscriptions.

While the ILRC 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 ILRC include some 105,000 electronic books and full-text content from more than 73,000 periodicals. The ILRC provides access to more than 230 online research resources from companies such as Dow Jones, EBSCO, JSTOR, LexisNexis, OCLC, ProQuest-CSA, the APA, Emerald, Standard and Poor's, and Thomson Gale.

Students and faculty can request materials from libraries across the United States through the ILRC's 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 ILRC bears responsibility for collecting and providing access to academic publications and historical records created by members of the Liberty University community. Accordingly, the ILRC maintains an archive of physical resources and hosts an institutional repository known as Digital Commons.

CURRICULUM LIBRARY

The Curriculum Library 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 A. Pierre Guillermin Library.

Audio-visual items, such as DVDs, CDs, and videos are also kept in the Curriculum Library along with musical scores.

SERVICES

ILRC functions are organized and serviced through a well-qualified faculty and staff. The ILRC 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 ILRC 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, they have direct toll-free telephone and email access to a librarian specializing in online support. The ILRC is committed to being the primary library for LU 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.

MEDIA SERVICES/CLASSROOM SUPPORT

The main purpose of Media Services/Classroom Support is to provide efficient technical support to our Faculty and Staff in the area of classroom technology. All of our classrooms are equipped with Smart Technologies, and we provide training to Faculty and Staff in using our multimedia equipment. Our goal is to combine the tools of education and technology, so they can be used together to enhance the learning experience at Liberty University.

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 ILRC benefits from collaboration with other agencies and professionals through membership in the American Library Association, the Association of Christian Librarians, the Christian Library Consortium, the Consortium of College and University Media Centers, EDUCAUSE, InfoComm, the Society of American Archivists, SOLINET, VIVA (the Virtual Library of Virginia), and other organizations.

University Writing Program

Emily W. Heady, B.A., M.A., Ph.D.

*Executive Director, Liberty University Writing Program
Associate Professor of English*

Shelah Simpson, B.S., M.A.R., M.A.

*Director, Online Writing Center
Instructor in English*

The UWC is located in the ILRC. Residential students or faculty may contact the center by calling (434) 592-3174 or by e-mailing undergradwriting@liberty.edu. Online students may contact the Writing Center by e-mailing distancewriting@liberty.edu.

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 UWC offers writing-related services tailored to the University's residential and distance-learning populations, and it supports all faculty members as they seek to incorporate writing instruction in their classrooms. Finally, in cooperation with the GWC, the UWC offers help to any LU-affiliated scholars seeking to publish or present their work in professional venues.

The heart of the UWC is one-on-one tutoring. The UWC employs graduate students and advanced undergraduates with superior writing and teaching skills to offer individualized writing instruction to any LU undergraduate students. 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. Beginning in Spring 2010, online students may consult with a tutor by visiting the Online Writing Center's web page: www.liberty.edu/onlinewritingcenter. Tutors can help with brainstorming, grammar, punctuation, content, organization, and documentation, and they are available from the earliest stages of a program through the thesis or dissertation. The UWC also has a library liaison who guides students through the research process and answers research-related questions.

In addition to tutoring, in cooperation with the GWC, the UWC also offers a variety of tools to help students with their writing. The University Writing Program web page (http://www.liberty.edu/graduate_writing_center) includes a large collection of worksheets and PowerPoint presentations 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 University Writing Program web page, students can e-mail quick questions to writing-center tutors or offer suggestions for further online writing aids that the UWC should consider developing. The UWC offers a variety of services for non-native English speakers, including conversation practice and instruction in colloquial English.

The Directors of the Writing Program are available to faculty for classroom presentations or for help in developing teaching aids, rubrics, or assignments. GWC and UWC staff members routinely make presentations on topics such as documentation, common grammar errors, plagiarism, and many other writing-related skills in classrooms and in faculty workshops. In addition, all faculty and staff are encouraged to bring their academic work to the GWC or UWC for review and commentary by the Directors.

Currently, all UWC services are free of charge to LU students. All students may utilize the UWC's online services at any time, and faculty may download the resources and use them in their classes as they see fit. Faculty are encouraged to make requests that the UWC develop other resources as well.

Programs of Study

Associate and Bachelor Degrees

Boyd C. Rist, B.A., M.A., Ph.D.

Provost

Vice President for Academic Affairs

Dean of Faculty

Distinguished Professor of History

Garth E. Runion, B.S.Ed., M.A., Ph.D.

Vice Provost for Academic Administration

Professor of Mathematics

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.

General Education Requirements

In 1990, the faculty of Liberty University adopted a General Education program required of all baccalaureate degree students. The goal is to ensure that all undergraduate students receive breadth of learning, as well as fulfilling the specific requirements of their individual college/school and major fields of study. An undergraduate curriculum of required basic General Education courses serves as a foundation for later specialization.

The General Education Requirements for **some** majors may vary; however, the General Education Requirements for **most** majors leading to the **Bachelor of Science** are:

Bachelor of Science

Foundational Studies*

	Hours
ENGL 101 <i>Composition and Rhetoric</i>	3
ENGL 102 <i>Composition and Literature</i>	3
MATH ____ (above 110)	3
COMS 101 <i>Speech Communication</i>	3
+GNED 101 <i>Contemporary Issues I</i>	1
+GNED 102 <i>Contemporary Issues II</i>	1
EVAN 101 <i>Evangelism and Christian Life</i>	2

Investigative Studies

ENGL 201, 202, 215, 216, 221, or 222	3
Natural Science ~	3-4
Natural Science, Math, or ISYS 201	3
HIUS 221 or 222, or HIEU 201 or 202	3
HUMN 101, VCAR 105, THEA 101, MUSC 103 and	3
General Education elective** (non-language)	3

or

LANG ____***	6
GOVT 200, PSYC 101 or 210, SOCI 200 or 201	3
Social Science/History elective	3
PHIL 201 <i>Philosophy and Contemporary Ideas</i>	3
BIBL 105 or ^205	3
BIBL 110 or ^210	3
THEO 201 <i>Theology Survey I</i>	3
THEO 202 <i>Theology Survey II</i>	3

* *Must be completed within the first 45 hours of a student's program. Transfer students must complete these within their first year at Liberty.*

+ *GNED 101 and 102 must be completed by all freshmen and transfer students within the first and second semesters of a student's program. This is the Christian /Community Service (CSER) requirement for the first year at Liberty.*

** *Choose from the list of Approved Residential General Education & Integrative courses in Fine Arts/ Nat Sci/ MATH or CSCI/Soc Sci/ISYS 201/VCAR 105.*

~ *Not all majors require a lab*

^ *Options available to Honors students*

*** *Must be the same language*

The list of approved general education courses is available on the web at <http://www.liberty.edu/gened>.

The General Education Requirements for a **Bachelor of Arts** are:

Bachelor of Arts

Foundational Studies*

	Hours
ENGL 101 <i>Composition and Rhetoric</i>	3
ENGL 102 <i>Composition and Literature</i>	3
MATH ____ (above 110)	3
COMS 101 <i>Speech Communication</i>	3
+GNED 101 <i>Contemporary Issues I</i>	1
+GNED 102 <i>Contemporary Issues II</i>	1
EVAN 101 <i>Evangelism and Christian Life</i>	2

Investigative Studies

ENGL 201, 202, 215, 216, 221, or 222	3
Natural Science ~	3-4
HIUS 221 or 222, or HIEU 201 or 202	6
HUMN 101, VCAR 105, THEA 101, MUSC 103	3
Social Science (non-history)	3
PHIL 201 <i>Philosophy and Contemporary Ideas</i>	3
BIBL 105 or ^205	3
BIBL 110 or ^210	3
THEO 201 <i>Theology Survey I</i>	3
THEO 202 <i>Theology Survey II</i>	3
Integrative Studies**	6

One language must be completed in addition to the major and general education core. 12

* *Must be completed within the first 45 hours of a student's program. Transfer students must complete these within their first year at Liberty.*

+ *GNED 101 and 102 must be completed by all freshmen and transfer students within the first and second semesters of a student's program. This is the Christian/Community Service (CSER) requirement for the first year at Liberty.*

** *Must be selected from the list of Approved Residential General Education & Integrative Courses and taken after the student has completed 60 hours. Three hours must be outside student's major area of study*

~ *Not all majors require a lab*

^ *Options available to Honors students*

The General Education Requirements leading to the **Associate of Arts** are:

Associate of Arts

Foundational Studies^

	16 Hrs
ENGL 101 <i>Composition and Rhetoric</i>	3
ENGL 102 <i>Composition and Literature</i>	3
COMS 101 <i>Speech Communication</i>	3
MATH ____ (above 110)	3
EVAN 101 <i>Evangelism and Christian Life</i>	2
+GNED 101 <i>Contemporary Issues I</i>	1
+GNED 102 <i>Contemporary Issues II</i>	1

Investigative Studies	27 Hrs
* Natural Science _____	3
History _____	3
HUMN 101, VCAR 105, THEA 101, MUSC 103	3
** Social Science	3
GOVT 200	3
GOVT 220/SOCI 200	3
PHIL 201	3
*** THEO 201 and/or 202	3
*** BIBL 105 and/or 110	3

^ Must be completed within the first 45 hours of a student's program. Transfer students must complete these within their first year at Liberty.

+ GNED 101 and 102 must be completed by all freshmen and transfer students within the first and second semesters of a student's program. This is the Christian/Community Service (CSER) requirement for the first year at Liberty.

* Natural Science may include biology or other natural science (e.g., chemistry, physics, geology, astronomy) transferred from another institution.

** Social Science may include government, economics, psychology, sociology, anthropology, political science, and other recognized social disciplines. (PSYC 101, 210 or SOCI 201 strongly suggested.

*** Choose any two of the four

Exhibits, currently located in the back hallway of DeMoss Hall, teach concepts of the creation model, describe creationist research, and glorify the Creator of earth and life.

The University Honors Program

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

Director, Honors Program

Associate Professor of English

If you participated in Gifted & 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 scholarships (\$3,750).

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. rank in the top 10% of one's high school class (an exception is made for home schooled students);
4. 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";
5. submit three letters of recommendation from present or former teachers;
6. complete the Honors Vita and Honors application forms.

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

In addition, *National Merit Finalists* who participate in the Honors Program receive a full tuition and on-campus room and board scholarship; *National Merit Semi-Finalists* who participate in the Honors Program receive a full tuition scholarship.

The selection process is competitive, and Honors applications are reviewed on the first day of each month beginning March 1st. Applications will not be considered unless they are postmarked by April 20th. 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.

Study Abroad Office

Orlando Lobaina, B.A.

Director

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.

Computer Competencies

The computer assessment is required for all incoming freshmen and transfer students during their first semester at Liberty. Students should take the assessment online prior to their first semester, at Early Orientation sessions, or during Fall Orientation. Freshmen are required to take the computer assessment in order to pass the Freshman Seminar. Transfer students who transfer INFT 110 (Computer Concepts and Applications) from another college or university are not required to take the computer assessment.

Students who pass the computer assessment on the first attempt with a score of 75% or higher have demonstrated competency and will not be required to take INFT 110. If a student does not pass on the first attempt, the student may complete online training modules and attempt the assessment a second time. The second attempt must be completed during the student's first semester at Liberty. If a student passes with a score of 85% or higher on the second attempt, the student has demonstrated competency. However, if the computer assessment is not passed the second time, the student will be required to complete INFT 110 during the student's first 45 hours at Liberty.

Students who do not attempt the computer assessment during their first semester are required to enroll in INFT 110, Computer Concepts and Applications, during the student's first 45 semester hours at Liberty. Students may not take the assessment (make-ups or retakes) once enrolled in INFT 110.

Creation Studies

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

Director, Center for Creation Studies

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.

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 DeMoss Hall Suite 2016, 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, by phone at 434-592-4201, or visit the website at <http://www.liberty.edu/index.cfm?PID=19707>.

Programs of Study

The requirements for graduation for all undergraduate programs are listed in this Catalog and on Degree Completion Plans (DCP) which are available on the web at <https://www.liberty.edu/index.cfm?PID=15245>. Specific Course Requirements and Course Sequences for all 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., Education, General Studies, Interdisciplinary Studies, and Nursing majors.

Following is a complete listing of the majors and minors offered at Liberty. Specializations within given majors are listed under the major. 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 course work for any program of study must be earned at Liberty University.

Bachelor of Science

Majors

- Accounting
- Athletic Training
- Aviation
 - Commercial/Corporate
 - Military
 - Missions
- Biochemistry and Molecular Biology
- Biology
 - Environmental Science*
 - General Biology*
 - Molecular Biology
 - Pre-Med
- Business*
 - Economics
 - Finance
 - Human Resource Management
 - International Business
 - Management
 - Marketing
- Communication Studies
 - Advertising/Public Relations

- Broadcasting
- Journalism
- Speech Communication
- Computer Science*
- Criminal Justice
- Education (Non-Licensure)**
- Elementary Education Integrated Studies
 - English and Math
 - English and Science
 - English and Social Science
 - Math and Social Science
 - Science and Math
 - Science and Social Science
 - Spanish and English
 - Spanish and Math
 - Spanish and Science
 - Spanish and Social Science
- Engineering: Computer
- Engineering: Electrical Intelligence
- Engineering: Industrial and Systems
- Engineering: Software Intelligence
- Family and Child Development
- Family and Consumer Sciences*
- Fashion Merchandising and Interiors
- General Studies
- Government
 - Politics and Policy
 - Western Legal Traditions
- Health Promotion
 - Certified Health Education Specialist (CHES)
 - Clinical
- History
- Information Systems
- Inter-Cultural Studies
- Interdisciplinary Studies
- Kinesiology
 - Exercise Science
 - Fitness Specialist
 - Health and Physical Education*
 - Health and Physical Education, Non-Licensure
- Management Information Systems**
- Mathematics*
- Multidisciplinary Studies**
- Psychology
 - Christian Counseling**
 - Counseling, Clinical or Research
 - Human Development
 - Human Services
 - Industrial/Organizational
- Religion
 - Biblical Studies
 - Children’s Ministries
 - Inter-Cultural Studies
 - Pastoral Leadership
 - Women’s Ministries
 - Youth Ministries
- Social Sciences*
- Special Education Integrated Studies
 - English
 - Math
 - Psychology
 - Science
 - Social Sciences

Sport Management
 Visual Communication Arts
 Graphic Design
 Studio Art*
 Web Technology and Design
 Worship
 Biblical Studies
 Business
 Inter-Cultural Studies
 Pastoral Leadership
 Theatre Ministries
 Women’s Ministries
 Worship Leadership
 Worship Technology
 Youth Ministries

Bachelor of Arts

Majors

English*
 Government
 International Relations
 Politics and Policy
 Western Legal Traditions
 History
 International Studies
 Interdisciplinary Studies
 International Relations
 International Politics and Policy
 Strategic and Intelligence Studies
 Pastoral Leadership and Biblical Exposition
 Philosophy and Religion
 Biblical Studies
 Philosophy
 Spanish*
 Teaching English as a Second/Foreign Language*
 Theatre Arts*
 Performance
 Production

Bachelor of Music

Music
 Choral*
 Instrumental *

Bachelor of Science in Nursing

Nursing
 RN to BSN**

Associate of Arts

Accounting**
 Aviation: Airline Flight Attendant
 Business**
 Criminal Justice
 Education (Non-Licensure)**
 General Studies**
 Government
 Management Information Systems**
 Psychology**
 Christian Counseling**
 Religion

Minors

Accounting
 Aviation

Biblical Greek
 Biblical Studies
 Biology
 Business
 Chemistry*
 Christian Counseling**
 Church Ministries**
 Coaching
 Communication Studies – Advertising/Public Relations
 Communication Studies – Journalism*
 Communication Studies – Speech*
 Computer Science*
 Creation Studies
 Criminal Justice
 Crisis Communication
 English
 Enterprise Data Analysis
 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
 Government
 Graphic Design
 Health Promotion
 History
 Information Systems
 Inter-Cultural Studies
 International Relations
 Kinesiology
 Linguistics
 Management Information Systems**
 Mathematics
 Music – Brass, Woodwind, or Percussion
 Music – Church Music
 Music – Liberal Arts
 Music – Performance: Voice, Keyboard, Guitar or
 Strings
 Philosophy
 Photography
 Politics and Policy
 Psychology
 Sociology
 Spanish
 Special Education
 Sport Management
 Strategic and Intelligence Studies
 Studio Art
 Theatre Arts*
 Theology
 Western Legal Traditions
 Women’s Ministries
 Writing
 Youth Ministries

*Option available for Teacher Licensure Endorsement
 **Available through LU Online only.

Graduate of Theology Diploma

Biblical Studies
 Church Ministries: Women’s Ministries
 Pastoral Training

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
APOL	Apologetics
ARTS	Art
ATHL	Athletics
ATTR	Athletic Training
AVIA	Aviation
BCHM	Biochemistry
BIBL	Biblical Studies
BIOL	Biology
BUSI	Business
CCOU	Christian Counseling
CEDU	Christian Education
CHEM	Chemistry
CHHI	Church History
CHLD	Children's Ministries
CHMN	Church Ministries
CJUS	Criminal Justice
CLST	College Learning Strategies
CMIS	Computer Management and Information Systems
COMN	Counseling Ministries
COMS	Communication Studies
CRST	Creation Studies
CSCI	Computer Science
CSER*	Christian/Community Service*
ECNC	Economics
EDSP	Special Education
EDUC	Education
ELIL	English Language Institute
ENGC	Computer Engineering
ENGE	Electrical Engineering
ENGI	Industrial and Systems Engineering
ENGL	English
ENGS	Software Engineering
ESOL	English as a Second Language
ETHM	Ethnomusicology
EVAN	Evangelism and the Christian Life
FACS	Family and Consumer Sciences
FREN	French
FRSM	Freshman Seminar
GBST	General Biblical Studies
GEOG	Geography
GNET	Contemporary Issues
GOVT	Government
GREK	Greek
GRMN	German
HBRW	Hebrew
HIEU	European History
HIST	History Research and Methods
HITW	Third World History
HIUS	United States History
HLTH	Health
HONR	Honors
HUMN	Humanities
ICST	Inter-Cultural Studies
INFT	Information Technology
INTL	International Studies

ISYS	Information Systems
KINE	Kinesiology
LING	Linguistics
MATH	Mathematics
MISC	Military Science – Army ROTC
MUSC	Music
NASC	Natural Science
NURS	Nursing
PATH	Pastoral Theology
PHIL	Philosophy
PHSC	Physical Science
PHYS	Physics
PLED	Pastoral Leadership
PRTH	Practical Theology
PSYC	Psychology
SMGT	Sport Management
SOCI	Sociology
SOWK	Social Work
SPAN	Spanish
THEA	Theatre Arts
THEO	Theology
VCAR	Visual Communication Arts
WRSP	Worship Studies
YOUT	Youth Ministries

* Not listed in this publication. See the Christian/Community Service Website at: <http://www.liberty.edu/index.cfm?PID=37>

Center for Academic Support and Advising Services

Brian C. Yates, B.S., M.Ed., Ed.D.

Executive Director, Center for Academic Support and Advising Services (CASAS)

Associate Professor of Education

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

Director, Individualized Programs of Study, Center for Professional and Continuing Education

Associate Professor of Education

Carrie Barnhouse, B.A., M.A.

Director, Career Center

David Hart, B.S., M.A.R.

Director, CASAS Operations

William Denton McHaney, B.S., M.Ed.

Director, Office of Disability Academic Support

Associate Professor of Education

Dwayne Melton, B.S., M.B.A.

Director of Academic Advising

Instructor of Education

Heather Schoffstall, B.S., M.S., Ed.D.

Director, Bruckner Learning Center

Assistant Professor of Education

S. Denise Green, B.S., M.A.

Assistant Director, Bruckner Learning Center

Lecturer of Education

James D. Wagner, B.A., M.A.

Director of Testing

Director, Academic Opportunity Program

Assistant Professor of Education

FACULTY

Associate Professor

McHaney, Sherman, Yates, B.

Assistant Professor

Amburgey, Garlock, Hansen, Jernigan, Schoffstall, H., Spradlin, Wagner, Sr., J.

Instructor

Melton, Mercado, Miles, Miller, Van Eaton, H.

Lecturer

Altamirano, Eubank, Green, Holloway, Jones, A.

PURPOSE

The Center for Academic Support and Advising Services (CASAS) is designed to maximize student success, enhance the undergraduate experience, and help students achieve a greater breadth of learning and a deeper understanding of human experience through the liberal arts. Students will take general education courses, as well as introductory courses, in their major during the first two years. The staff manages academic testing and advising, general education, FRSM 101 (Freshman Seminar), the Bruckner Learning Center, the Career Center, the Interdisciplinary Studies and General Studies majors as well as Continuing Education courses.

FRESHMAN SEMINAR

Prior to beginning the freshman year, all first-time college students enrolled in on campus programs are required to complete Freshman Seminar, FRSM 101. This course is designed to give an orientation and overview of policies that govern life at Liberty. During Freshman Seminar students are introduced to University services. Emphasis is placed on services that will assist students in

adjustment to university life: academically, socially, and spiritually.

ACADEMIC ADVISING

Students receive personalized, individual advising through their Professional Advisor who is assigned to them upon arrival on campus and who will remain with them, directing their academic programs, until graduation. The Professional Advisors who are housed in the Center for Academic Support and Advising Services are assigned in the major interest areas; they work closely with the students in scheduling courses and fulfilling requirements for their intended majors.

CENTER FOR PROFESSIONAL AND CONTINUING EDUCATION (CPCE)

The Liberty University Center for Professional and Continuing Education offers 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 venues: conferences, workshops, classes, etc.* The principal unit awarded for participation in these non-degree credit activities is the Continuing Education Unit (CEU).

Programs of Study

Bachelor degrees offered through the Center for Academic Support and Advising Services include Interdisciplinary Studies (B.A./B.S.) and General Studies. Additional information is available online at <https://www.liberty.edu/index.cfm?PID=17766> (login required).

General Studies Major (B.S.)

PURPOSE

The Bachelor of Science in General Studies major is designed for those students who desire a degree offering the opportunity to have breadth; thus, enabling students to use both inter-college and interdepartmental combinations of courses that will provide a broad pattern of educational experience.

LEARNING OUTCOMES

In support of the institutional mission and aims, the General Studies Program seeks 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.

Requirements for this degree are as follows:

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.

To gain admission to the General 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 General 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 for 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

Summer: June 1 – July 15

Interdisciplinary Studies Major (B.A. or B.S.)

PURPOSE

The Bachelor of Interdisciplinary 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.

LEARNING OUTCOMES

In support of the institutional mission and aims, the Interdisciplinary Studies Program seeks 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 in order that there might be a maturing of spiritual, intellectual, social, and physical behavior.

The requirements are as follows:

1. Minimum cumulative GPA of 3.0 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.

To gain admission to the Interdisciplinary Studies Program, the student must complete the application process and meet with the Director for 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 Interdisciplinary 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

Summer: June 1 – July 15

Minor

Writing Minor (15 hrs)

Select five courses from the following list:

BUSI 300	<i>Business Communications</i>	3
	Prerequisites: ENGL 102, ISYS 201	
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 398	<i>Scriptwriting for Visual Media Practicum</i>	3
	Prerequisites: COMS 220, 323	
COMS 485	<i>Investigative Reporting</i>	3
	Prerequisites: COMS 220, 234, 354	
*ENGL 350	<i>Advanced Expository Writing</i>	3
*ENGL 351	<i>Creative Writing: Poetry</i>	3
*ENGL 352	<i>Creating Writing: Fiction</i>	3
*ENGL 401	<i>Seminar in Writing</i>	3
*ENGR 270	<i>Technical Writing for Engineers</i>	3
	*Prerequisites: ENGL 101, 102, and Survey of Literature at the 200 level	
GOVT 346	<i>Legal Research and Writing</i>	3
	Prerequisite: GOVT 200 or GOVT 220	
HONR 495	<i>Senior Honors Thesis</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> Prerequisite: THEA 211 or 212	3
THEA 352	<i>Writing for Church Drama</i> Prerequisite: THEA 211 or 212; 312 or 350	3
THEA 497	<i>Special Topics in Theatre</i> Prerequisite: THEA 211 or 212	3

TAU SIGMA HONOR SOCIETY

Advisor: Dr. Brian C. Yates

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 the Fall of 2008 with the first class inducted in the Spring of 2009. To be eligible, a student must be a transfer student and achieve at least a 3.50 GPA during their first semester at Liberty University.

ALPHA LAMBDA DELTA HONOR SOCIETY

Advisors: Dr. Marilyn Gadomski, Dr. Fred Volk, 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:

- 3.50 or higher GPA 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

The Bruckner Learning Center (BLC) provides a wide range of programs to enhance the academic success of Liberty University students. Incoming freshmen will find particularly helpful CLST 101, a one credit hour course, College Learning Strategies. This course may be required of students with specified ACT/SAT assessment test scores to assist with academic success. Other classes are offered for intensive study skills preparation, college reading and individualized lab work in study techniques. 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, a grade of C or better must be earned in the assigned CLST course, or the course must be retaken in the **subsequent semester**. The course may not be dropped if the student was placed in the course. In addition, free Study Skills Seminars are provided each fall and spring for the freshman class. Topics include: The Big Picture, Time Management, Reading Speed and Comprehension. Two additional courses serve to enhance the Study Skills program. The course, CLST 104 is a transitional and study skills course 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. Also, an advanced vocabulary/speed reading course, CLST 301, is offered for students who have achieved sophomore status and who wish to improve in those academic areas.

DEVELOPMENTAL MATH

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. 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/TESTING CENTER (T/TC)

Free peer tutoring is offered in over 15 subject areas to residential students desiring academic assistance during the fall and spring semesters. Subjects are offered based on tutor availability. Make-up testing is also provided in the T/TC at the direction of individual professors. Other forms of testing available include: CLEP, ICE (Institutional Challenge Exam), Federal Aviation Administration Airman Knowledge Tests, DSST (DANTES Subject Standardized Tests), and the proctoring of tests from other institutions or organizations. Fees are associated with these tests. Please check website at <http://www.liberty.edu/tutoring> for the current fee schedule.

OFFICE OF DISABILITY ACADEMIC SUPPORT (ODAS)

Academic support services are provided 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 advises the student concerning his/her academic load and 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 Assistive Technology Lab 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 Department provides supportive services for hearing-impaired students. These supportive services include: interpreters/CPrint in classrooms and all campus related activities,

direction and counseling, limited tutoring, and facilitated communication with official agencies/offices on and off campus, etc.

Career Center

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 – Career Direct

Career Counseling

Local and Regional Career Fairs

Online Job Database – LUNetWORK for full-time and part-time opportunities

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

The Career Center expanded its office to a highly visible and easily accessible location that includes state-of-the-art meeting facilities, interview rooms, computer lab, and professional development facilities. The Career Direct 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 local 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.

For more information on any of the stated topics, please visit the Career Center website at <http://www.liberty.edu/career>.

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 Liberty University Career Center. 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 also processed through the LU Career Center. For additional information regarding internships contact 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 LU students. On-site housing is required for all students participating in the Washington Semester Fellowship. For more information, contact washington@liberty.edu or visit <http://www.liberty.edu/washington>.

Informational meetings are held weekly during the semester and are required for anyone interested in pursuing an internship for credit. Policies, procedures and fees are explained at these meetings. Any student who is interested in applying for an internship is required to attend one such meeting during the semester prior to the one in which they wish to complete their internship.

Completed applications for internships must be submitted to the Career Center by the appropriate deadline (NO EXCEPTIONS): November 30 for Spring internships, April 30 for summer and fall internships.

College of Arts and Sciences

Roger Schultz, B.A., M.A., Ph.D.

*Dean, College of Arts and Sciences
Professor of History*

Mark Hemric, B.S., Ph.D.

*Associate Dean, College of Arts and Sciences
Professor of Chemistry*

Joseph R. Crider, B.M., M.M., D.A.

*Associate Dean for Performing Arts
Professor of Worship and Music Studies*

Hawkins, Scott; B.S., M.A., Ph.D.

Associate Dean for Behavioral Sciences, College of Arts and Sciences

Associate Professor of Counseling

Kevin Corsini, B.B.A., Th.M., Ph.D.

*Online Academic Dean, College of Arts and Sciences and Liberty Baptist Theological Seminary
Assistant Professor of Counseling*

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

*Associate Dean, Online Undergraduate Programs, College of Arts and Sciences
Instructor of Psychology*

PURPOSE

The College of Arts and Sciences provides learning opportunities in the academic disciplines relating to man's cultural, social and scientific achievements. Through general education courses in the College of Arts and Sciences, all Liberty students receive instruction in the humanities, social sciences, natural sciences, and mathematics and thereby, are better prepared to respond effectively to the issues of contemporary life.

The College offers instruction in athletic training, biology, chemistry, counseling, exercise science, family and consumer sciences, geography, health sciences, history, kinesiology, mathematics, military science, music, nursing, physical education, physical science, physics, psychology, sociology, theatre arts, and worship studies.

AIMS

The College of Arts and Sciences, through its various departments, aims to provide:

1. a coherent academic program in each discipline in which a major is offered utilizing a selection of developmental and honors courses taught by faculty who are knowledgeable and effective communicators;
2. a breadth of offerings in the liberal arts which integrate human knowledge across traditional disciplinary lines and partially fulfills the general education requirements of the University;
3. an assessment of the student's academic growth through standardized tests, academic portfolios or other appropriate means together with one or more of the following: a senior exit interview, senior seminar or capstone course, senior thesis/project, or senior exit examination;
4. a professional advisor who can assist students in making wise academic decisions and offer accurate advice on career opportunities in the major disciplines;
5. a number of opportunities to refine their communication skills; and
6. a clearly articulated set of expectations with respect to

academic responsibility and accountability as a vital part of preparation for citizenship and Christian living.

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 and Sciences are courses of study leading to licensure in biology, chemistry, family and consumer sciences, health/ physical education, history/social science, mathematics, music (choral or instrumental), and theatre arts.

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.

DEGREE COMPLETION PLANS (DCP)

Degree Completion Plans for degree programs offered by the College of Arts and Sciences can be found online at: <http://www.liberty.edu/registrar>.

Air Force – ROTC

FACULTY

Colonel Daniel R. DeBree, B.S., M.A.

Adjunct Instructor of Air Force – ROTC

Major James G. Fulks, Jr., B.S.

Adjunct Instructor of Air Force - ROTC

Captain Kevin J. Plourde, B.A., M.S.

Adjunct Instructor of Air Force – ROTC

Captain Jared Hoover, B.S.

Adjunct Instructor of Air Force – ROTC

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 US 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 or website: www.virginia.edu/~afrotc.

Program of Study		
Air Force R.O.T.C. (16 hrs)		
AIRS A	Leadership Laboratory (required with every AIRS course)	0
AIRS 110	The Foundations of the US Air Force I	1
AIRS 120	The Foundations of the US Air Force II	1
AIRS 210	The Evolution of Air and Space Power I	1
AIRS 220	The Evolution of Air and Space Power II	1
AIRS 310	Concepts of Air Force Leadership and Management I	3
AIRS 320	Concepts of Air Force Leadership and Management II	3
AIRS 410	National Security Affairs I	3
AIRS 420	National Security Affairs II	3

Army – ROTC

FACULTY

Major Robert J. Foy, USA (Ret.), B.A., M.A.

Instructor of Military Science

Major Thomas G. Garner, III, (VAARNG), B.A.

*Assistant Professor of Military Science
Recruiting Operations Officer*

Major Shane Morris, US Army (AD), B.S., M.S.

Associate Professor of Military Science

Captain Michael Donahue, US Army (AD), B.S.

Assistant Professor of Military Science

MSG Ronald Ramsdell, US Army (AD)

Senior Military Instructor

SFC Rick Alexander, US Army

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 \$900 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.; LaHaye Student Union, Room 2900; Lynchburg, VA 24502.

Toll-free phone number: 1-888-LU-AROTC. Email: tggarneriii@liberty.edu.

Program of Study		
Army R.O.T.C. (20 hrs)		
MISC 001	Leadership Application (taken each semester)	8
MISC 101	Fundamental Concepts	1
MISC 102	Basic Leadership	1
MISC 201	Advanced Leadership	1
MISC 202	Tactics and Officership	1
MISC 301	Small Unit Leadership	2
MISC 302	Small Unit Operations	2
MISC 401	Leadership, Management and Ethics	2
MISC 402	Transition to Lieutenant	2

Biology and Chemistry

Paul W. Sattler, B.S., M.S., Ph.D.

*Chair, Department of Biology and Chemistry
Professor of Biology*

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

*Assistant Chair, Department of Biology and Chemistry
Professor of Chemistry*

FACULTY

Professor

Blais, Davy, Detwiler, DeWitt, D., Gillen, Hemric, Hubbard, Oliver, Reichenbach, Sattler, P., Spohn

Associate Professor

Abraham, Brophy, Howell, McGibbon, McGuirt, Offield, Richardson, Sattler, E.

Assistant Professor

Goldin, Issacs, Mitchell, Ross

PURPOSE

The Department of Biology and Chemistry provides baccalaureate programs in biology and biochemistry and molecular biology, and service courses in biology and chemistry for Resident and Distance Learning 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.

PROGRAM LEARNING OUTCOMES

Students will have:

1. Foundational knowledge of the fields of biology, math, physics and chemistry, and an in-depth knowledge of the specific concentration in the biology major.
2. The ability to use oral, written and visual communication to present scientific information.
3. The ability to design and conduct experiments, understanding the limitations of the scientific method.
4. The skills in logic and analysis necessary to accurately assess and critique research results.
5. An awareness of safe working practices in a laboratory or field environment.
6. The ability to use computers as information and research tools.
7. Personal integrity and an awareness of the ethical issues in the life sciences.

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 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.

PRE-MED HONOR SOCIETY

Advisor: Dr. Terry Spohn

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:

Must have:

1. maintained a GPA of at least 3.5 in any major field of study, and
2. a deep interest in becoming medical doctors.

Career Opportunities

- | | |
|-----------------------|----------------------|
| Chemical Technician | Medical School |
| Chiropractic School | Medical Technologist |
| Dental Hygienist | National Park Ranger |
| Dental School | Osteopathic School |
| Environmental Biology | Pharmacy School |
| H.S. Biology Teacher | Physician Assistant |
| Junior Toxicologist | Veterinary School |
| Laboratory Technician | |

Graduate School and Research in:

- | | |
|----------------|---------------------|
| Biochemistry | Microbiology |
| Biology | Molecular Biology |
| Ecology | Physiology |
| Genetics | Wildlife Management |
| Marine Biology | |

Programs of Study		
Biochemistry & Molecular Biology Major (B.S.) (56 hrs)		
BIOL 200	<i>Foundations of Biology</i>	4
BIOL 207	<i>General Botany – OR</i>	4
BIOL 208	<i>General Zoology</i>	4
BIOL 301	<i>Genetics</i>	4
BIOL 303	<i>Microbiology</i>	4
BIOL 415	<i>Cell Biology</i>	4
BIOL 400	<i>Biology Seminar</i>	1
BCHM 451	<i>Biochemistry I</i>	4
BCHM 452	<i>Biochemistry II</i>	4
BCHM 455	<i>Molecular & Biochemical Techniques</i>	3
BIOL	Electives (300 - 400 level)	
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 132	<i>Calculus/Analytic Geometry II</i>	4
MATH 133	<i>Calculus with Math Lab</i>	1
MATH 211	<i>Introduction to Probability and Statistics</i>	3
TOTAL HOURS: 120 hours minimum required; at least 36 hours must be 300-400 level.		

Biology Major (B.S.)		
Environmental Science Concentration (50 hrs)		
BIOL 200	<i>Foundations of Biology</i>	4
BIOL 207	<i>General Botany</i>	4
BIOL 208	<i>General Zoology</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	11
CHEM 122	<i>General Chemistry II</i>	4
PHSC 210	<i>Elements of Earth Science</i>	4
MATH 201	<i>Introduction to Probability and Statistics – OR</i>	3
MATH 211	<i>Introduction to Statistical Analysis</i>	
PSYC 355	<i>Statistics in Psychology</i>	3
NOTE: CHEM 121, 122 and 301 are prerequisites to BIOL 301, 307, 415 and 416. MATH 201 or 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 32 hours must be 300-400 level.		

Teacher Licensure Requirements		
Endorsement: Biology/Environmental Science (Grades 6-12)		
<i>Courses in the major (50 hrs)</i>		
Teacher Licensure Requirements (30 hrs)		
EDUC 125/126	Introduction to Education / Practicum	1/1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning (Secondary)	2
EDUC 235/236	Instructional Design: Secondary / Practicum	1/2
EDUC 360	Foundations of Education	2
EDUC 425	Secondary Measurement and Evaluation	3
EDUC 435/436	Secondary Curriculum / Practicum	2/1
HLTH 440/441	Teaching Applied Sciences / Practicum (Fall only)	2/1
Student Teaching Semester		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
TOTAL HOURS: 140 hours minimum; at least 50 hours must be 300-400 level.		

Biology Major (B.S.)		
General Concentration (51 hrs)		
BIOL 200	Foundations of Biology	4
BIOL 207	General Botany	4
BIOL 208	General Zoology	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
CHEM 122	General Chemistry II	4
MATH 201	Introduction to Probability and Statistics	3
– OR		
MATH 211	Introduction to Statistical Analysis	
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
NOTE: CHEM 121, 122 and 301 are prerequisites to BIOL 301, 307, 415 and 416. MATH 201 or 211 is a prerequisite to BIOL 310.		
TOTAL HOURS: 120 hours minimum; at least 32 hours must be 300-400 level.		

Teacher Licensure Requirements		
Endorsement: General Biology (Grades 6-12)		
<i>Courses in the major (51 hrs)</i>		
Teacher Licensure Requirements (30 hrs)		
EDUC 125/126	Introduction to Education / Practicum	1/1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning (Secondary)	2
EDUC 235/236	Instructional Design: Secondary / Practicum	1/2
EDUC 360	Foundations of Education	2
EDUC 425	Secondary Measurement and Evaluation	3
EDUC 435/436	Secondary Curriculum / Practicum	2/1
HLTH 440/441	Teaching Applied Sciences / Practicum (Fall only)	2/1
Student Teaching Semester		
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5

TOTAL HOURS: 141 hours minimum; at least 55 hours must be 300-400 level.

Biology Major (B.S.)		
Molecular Biology Concentration (51 hrs)		
BIOL 200	Foundations of Biology	4
BIOL 208	General Zoology	4
BIOL 301	Genetics	4
BIOL 303	Microbiology	4
BIOL 400	Biology Seminar	1
BIOL 415	Cell Biology	4
BCHM 451	Biochemistry I	4
or		
BCHM 452	Biochemistry II	
BCHM 455	Biochemical and Molecular Techniques	3
BIOL	Electives (300-400 level)	8
CHEM 122	General Chemistry II	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
MATH 201	Introduction to Probability and Statistics	3
or		
MATH 211	Introduction to Statistical Analysis	
TOTAL HOURS: 120 hours minimum; at least 36 hours must be 300-400 level		

Biology Major (B.S.)		
Pre-Med Concentration (48-52 hrs)		
BIOL 200	Foundations of Biology	4
BIOL 208	General Zoology	
or		
BIOL 211/212 ¹	Human Anatomy and Physiology I/II	4/8
BIOL 301	Genetics	4
BIOL 400	Biology Seminar	1
BIOL 415	Cell Biology	4
BIOL 303, 305, 321, 403, 416		8
or		
BCHM 451 or 452		4
BIOL	Electives (300-400 level)	7
CHEM 122	General Chemistry II	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4
¹ "C" or better is required.		
TOTAL HOURS: 120 hours minimum; at least 36 hours must be 300-400 level.		

Minors		
Biology Minor (20 hrs)		
BIOL 200	Foundations of Biology	4
BIOL 207	General Botany*	4
BIOL 208	General Zoology*	4
BIOL	Electives (300-400 level)	8
* Certain substitutions may be pre-arranged with the Department Chair.		

Chemistry Minor (20 hrs)		
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
CHEM 221	Analytical Chemistry	4
CHEM 301	Organic Chemistry I	4
CHEM 302	Organic Chemistry II	4

Center for Creation Studies

Dr. 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, 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.

LEARNING OUTCOMES

The student will be able to:

1. Demonstrate a consistent, biblical worldview regarding origins;
2. Explain key scientific evidences and arguments used to support the theory of evolution as well as difficulties with the theory; and
3. Provide scientific and biblical arguments in support of creation.

Minor		
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
Select three courses (12 hrs) from the following:		
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 208	<i>General Zoology – OR</i>	4
*BIOL 211/ 212	<i>Human Anatomy and Physiology – OR</i>	4
*BIOL 321	<i>Comparative Anatomy</i>	4
* Only one of these courses will count toward the minor. If BIOL211/212 is selected, students must take both courses but only 4 credits count toward the minor.		

Family and Consumer Sciences

Mary Simpson, B.S., M.B.A.

Chair, Department of Family and Consumer Sciences

Instructor of Family and Consumer Sciences

FACULTY

Assistant Professor

DeWitt, M., Gomes, Howard, Johnson, Kitchel

Instructor

Simpson

PURPOSE

The purpose of the Family and 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.

PROGRAM LEARNING OUTCOMES

Students will:

1. Demonstrate leadership qualities and cooperative skills.
2. Communicate effectively in oral, written and technological formats.
3. Evaluate consumer and professional issues in making realistic decision within the context of a biblical worldview.
4. Use critical thinking to solve problems related to Family and Consumer Sciences.

TEACHER LICENSURE

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.

OMICRON GAMMA PHI HONOR SOCIETY

Advisor: Dr. Jacqueline Johnson

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:

1. must have a 3.0 cumulative GPA;
2. must have 45 hours completed; and
3. must have a major in the FACS department.

Career Opportunities

Clothing/Textiles

Designer or Assistant Designer

Fashion Coordinator

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

- Cafeteria 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
- Nanny
- 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

Programs of Study

Family and Consumer Sciences Major (B.S.) (36 hrs)

FACS 103	<i>Introduction to Family and Consumer Sciences</i>	1
FACS 205	<i>Development of Contemporary Families</i>	3
FACS 220	<i>Design and Construction</i>	3
FACS 230	<i>Food Sciences and Management</i>	3
FACS 330	<i>Human Nutrition</i>	3
FACS 350	<i>Family Economic Decisions</i>	3
FACS 380	<i>Program Planning and Evaluation</i>	3
FACS 403	<i>Professional Development</i>	2
FACS 455	<i>Balancing Work and Family</i>	3
FACS 499	<i>Family/Consumer Internship</i>	3
FACS	Electives (Two courses (6 hrs) must be upper level)	9

TOTAL HOURS: 120 hours minimum; at least 32 hours must be 300-400 level.

Teacher Licensure Requirements

Endorsement: Family and Consumer Sciences (Grades 6–12)

Courses in the major (33 hrs)

FACS 103	<i>Introduction to Family and Consumer Sciences</i>	1
FACS 205	<i>Development of Contemporary Families</i>	3
FACS 220	<i>Design and Construction</i>	3
FACS 230	<i>Food Science and Management</i>	3
FACS 240	<i>Concepts in Interior Design</i>	3
FACS 330	<i>Human Nutrition</i>	3
FACS 350	<i>Family Economic Decisions</i>	3
FACS 370	<i>Parenting</i>	3
FACS 380	<i>Program Planning and Evaluation</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

Teacher Licensure Requirements (24 hrs)

EDUC 125/126	<i>Introduction to Education / Practicum</i>	1/1
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 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
FACS 480/481	<i>Teaching Family and Consumer Science / Practicum</i>	2/1

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

Family and Child Development Major (B.S.) (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>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:

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>	
ICST 483	<i>Women's Role in Ministry</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>	

TOTAL HOURS: 120 hours minimum; at least 32 hours must be 300-400 level.

Fashion Merchandising and Interiors Major (B.S.) (36 hrs)

FACS 103	<i>Introduction to Family and Consumer Sciences</i>	1
FACS 205	<i>Development of Contemporary Families</i>	3
FACS 220	<i>Design and Construction</i>	3
FACS 240	<i>Concepts in Interior Design</i>	3
FACS 320	<i>Textiles: Fibers and Fabrics</i>	3
FACS 350	<i>Family Economic Decisions</i>	3
FACS 403	<i>Professional Development</i>	2
FACS 455	<i>Balancing Work and Family</i>	3
FACS 499	<i>FACS Internship</i>	3

Choose four courses (12 hrs) from the following:

FACS 113	<i>Introduction to Design</i>	
FACS 245	<i>Decorative Arts for the Interiors</i>	
FACS 325	<i>Psychosocial Aspects of Clothing</i>	
FACS 340	<i>Housing: Consumer and Community</i>	

FACS 345	<i>Interior Architecture</i>	
FACS 420	<i>Apparel Illustration and Design</i>	
FACS 425	<i>Design and Construction II</i>	
FACS 429	<i>History of Costume</i>	
FACS 445	<i>History of Interiors</i>	
FACS 497	<i>Professional Seminar</i>	
TOTAL HOURS: 120 minimum; at least 32 hours must be 300-400 level.		

Minors		
Family and Consumer Sciences Minor General (16 hrs)		
FACS 103	<i>Introduction to Family and Consumer Sciences</i>	1
FACS 205	<i>Development of Contemporary Families</i>	3
FACS 220	<i>Design and Construction I</i>	3
FACS 230	<i>Food Science and Management – OR</i>	3
FACS 330	<i>Human Nutrition</i>	
FACS 240	<i>Concepts in Interior Design</i>	3
FACS 350	<i>Family Economic Decisions</i>	3

Family and Consumer Sciences Minor Foods and Nutrition (15 hrs)		
FACS 230	<i>Food Science and Management</i>	3
FACS 330	<i>Human Nutrition</i>	3
Choose three courses (9 hrs) from:		
FACS 335	<i>Food and Culture</i>	
FACS 430	<i>Gourmet Foods</i>	
FACS 435	<i>Event Catering</i>	
FACS 490	<i>Special Projects</i>	
FACS 495	<i>Directed Research</i>	
FACS 499	<i>Family/Consumer Internship</i>	
FACS	<i>Food/Nutrition Electives</i>	

Family and Consumer Sciences Minor Clothing and Textiles (15 hrs)		
FACS 220	<i>Design and Construction I</i>	3
FACS 320	<i>Textiles: Fibers and Fabrics</i>	3
Choose three courses (9 hrs) from the following:		
FACS 325	<i>Psycho-Social Aspects of Clothing</i>	
FACS 420	<i>Apparel Illustration and Design</i>	
FACS 425	<i>Design and Construction II</i>	
FACS 427	<i>Fashion Industry</i>	
FACS 429	<i>History of Costume</i>	
FACS 490	<i>Special Projects</i>	
FACS 495	<i>Directed Research</i>	
FACS 499	<i>Family/Consumer Internship</i>	

Family and Consumer Sciences Minor Family and Child Development (15 hrs)		
FACS 205	<i>Development of Contemporary Families</i>	3
FACS 260	<i>Early Childhood Education</i>	3
FACS 370	<i>Parenting</i>	3
Choose two courses (6 hrs) from the following:		
FACS 365	<i>Daycare Administration</i>	
FACS 475	<i>Families Under Stress</i>	
FACS 490	<i>Special Projects</i>	
FACS 495	<i>Directed Research</i>	
FACS 499	<i>Family/Consumer Internship</i>	
PSYC 361	<i>Marriage and Family</i>	

Health Sciences

Ralph F. Linstra, B.S., M.Ed., Ed.D., C.H.E.S.

Chair, Department of Health Sciences

Professor of Health Sciences and Kinesiology

Beverly S. Mahoney, R.N., B.S., M.S., Ph.D., C.H.E.S.,

F.A.S.H.A., F.A.A.H.E.

Associate Chair, Department of Health Sciences

Director, Health Promotion Program

Professor of Health Promotion

Jon House, B.S., M.S., Ed.D.

Director, Kinesiology Program

Associate Professor of Health Sciences

J. Vance Pickard, A.T.C., B.S., M.A.T., Ed.D.

Director, Athletic Training Education Program

Associate Professor of Health Sciences

James Schoffstall, B.S., M.S.E., Ed.D., C.S.C.S., H.F.S.,

C.I.F.T., R.C.E.P.

Director, Exercise Science Program

Director, Human Performance Lab

Associate Professor of Health Sciences

FACULTY

Professor

Farver, Horton, Linstra, Mahoney, Mix

Associate Professor

House, Lennon, Parson, Pickard, Schoffstall, J.

Assistant Professor

Kilbourne, Porter, Titcomb

Instructor

Brubaker, Gogain

Approved Clinical Instructors

Bishop, Bosek, Casola, Cops, Finke, Hoskins, Lawrenson,

Preusser, Schreiner

PURPOSE

In accordance with the mission of Liberty University, the Department of Health Sciences and Kinesiology faculty are committed to educating students with a Christian worldview.

Our objective is to encourage student growth in the five health dimensions: spiritual, physical, intellectual, emotional and social as they pursue God's purpose for their lives. Currently, the Department offers three majors leading to the Bachelor of Science degree.

PROGRAM LEARNING OUTCOMES

Students who earn degrees in the Health Sciences and Kinesiology Department will be able to incorporate the Christian Worldview as well as demonstrate proficiency in their respective careers through the following learning outcomes.

The student will be able to:

1. Plan, implement, and evaluate programming for individuals, groups, and/or facilities.
2. Demonstrate proficiency in the knowledge and skills necessary to perform as an entry level professional in his or her respective discipline.
3. Communicate and demonstrate appropriate interactions with administration, colleagues, clientele, and their families.
4. Evaluate relevant research and apply the scientific method.

Additional learning outcomes for specific majors are as follows.

Athletic Training Education

- The student will be able to demonstrate mastery of the knowledge and skills necessary to effective performance as an entry-level Certified Athletic Trainer as defined by the program's accrediting body.

Exercise Science

- The student will be able to evaluate a client's health history and testing results in order to make appropriate fitness and health related programming recommendations.

Health Promotion

- The Clinical track student will be able to demonstrate proficiency in health promotion and academic competence to be eligible for admission to a professional or graduate health related program.
- The Certified Health Education Specialist (CHES) track student will be able to demonstrate proficiency in Health Education/Promotion and academic competence to apply for the national CHES exam and graduate programs in health related fields.

Kinesiology/Physical Education

- The Teacher Licensure Track student will be able to demonstrate the skills and competencies necessary to meet the Virginia Department of Education's criteria for health and physical education licensure.

Athletic Training Major

Athletic training is practiced by 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 are recognized by AMA (American Medical Association) as an allied health care profession since 1990.

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 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 CAATE-accredited Athletic Training Education programs 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 education programs, academic majors, are accredited by the Commission on Accreditation of Athletic Training Education (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's of Science degree program in Athletic Training at Liberty University is nationally accredited through an independent process by the Commission on Accreditation of Athletic Training Education (CAATE).

The Athletic Training Education program (ATEP) 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 APPLICATION PROCEDURES

Acceptance to Liberty University does not guarantee acceptance into the Athletic Training Education Program. Entrance into the Athletic Training Education 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 Education 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 Instructor (ACI).

Provisional Application Process

In addition to completing ATTR 200 and the scale listed on the program web site, students must meet the following criteria and provide the following information:

- Candidates must meet with the Program Director to discuss their intent during the semester they wish to apply to the program.
- Candidates must be in good academic standing with the University.
- 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.
- Meet the Technical Standards Policy for admission into the program.
- Provide proof of CPR certification prior to beginning the Provisional clinical rotations.

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 2.00.
- 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 semester.

Documentation following Provisional Acceptance:

Once a student is provisionally admitted to the program, the following documentation must be provided prior to the initial clinical rotation:

1. Undergo annual Blood Borne Pathogen training;
2. Student must be enrolled in ATTR 220 and 305.

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 additional courses: ATTR 220; ATTR 305; BIOL 211; HLTH 216. Note that a minimum GPA of 2.50 is required for full admission into the program. Additionally, students must offer proof of the following:

1. NATA Student Membership
2. Current First Aid and CPR certification.
3. Active membership in the ATSA (LU student association).

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; or
- Two unsatisfactory clinical evaluations from the ACI’s in ATTR 220.

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 Education 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 LU’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 2.50. Students falling below a 2.50 GPA will be placed on probation for one semester. If, after one semester probation, the GPA remains below a 2.50, or falls below a 2.50 in any subsequent semester, the student will be dismissed from the program.
- **GPA in Major:** Students must achieve a minimum grade of “C” in all designated major courses (right side of status sheet). The 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.
- Students must complete BIOL 211 and 212 with a minimum grade of “C” in each section before enrolling in ATTR 400, 320 or 302. Students will be allowed to re-enter the program in the appropriate sequencing upon completion of this requirement.

Note that an acceptable clinical evaluation from the student’s clinical instructor is a pre-requisite to a minimum grade of “C” in the practicum course. Students receiving an unsatisfactory appraisal will not pass the course.

- 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 Education 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*.
- **Competency/Proficiency Exams:** Students are required to demonstrate mastery of assigned competencies and proficiencies at the end of each of the practicum courses. A student not demonstrating mastery will receive an “Incomplete” grade for the course and will not be allowed to take the subsequent practicum course until the deficiency is corrected.
- **Guidelines for Appeal:** Students may appeal decisions concerning their status in the Athletic Training Education Program. In order to do so, the student must submit a written appeal to the Program Director within one week of the notification in question. The documentation must include a detailed justification for the appeal. Upon receipt of the appeal, the athletic training faculty will meet to review the matter. The student will be advised in writing as to the outcome of that discussion within two weeks.

Program of Study		
Athletic Training Major (B.S.) (57 hrs)		
ATTR 200	<i>Introduction to Athletic Training</i>	3
ATTR 210	<i>Principles of Athletic Training</i>	3
ATTR 220	<i>Practicum I in Athletic Training</i>	2
ATTR 221	<i>Practicum II in Athletic Training</i>	2
ATTR 300	<i>Evaluation of Athletic Injuries I</i>	3
ATTR 302	<i>Evaluation of Athletic Injuries II</i>	3
ATTR 305	<i>First Responder for Athletic Training</i>	3
ATTR 310	<i>Therapeutic Modalities in Athletic Training</i>	3
ATTR 320	<i>Practicum III in Athletic Training</i>	2
ATTR 321	<i>Practicum IV 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>Practicum V in Athletic Training</i>	2
ATTR 421	<i>Practicum VI in Athletic Training</i>	2
ATTR 440	<i>Senior Seminar in Athletic Training</i>	2
FACS 330	<i>Human Nutrition</i>	3
KINE 225	<i>Weight Training</i>	1
KINE 310	<i>Physiology of Exercise</i>	3
KINE 311	<i>Analysis of Human Movement</i>	3
KINE 340	<i>Coaching Strength and Conditioning</i>	3
NOTE: "C" or better is required in all the above courses		
TOTAL HOURS: 120 hours minimum; at least 46 hours must be 300-400 level.		

Health Promotion Major

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.

TEACHER LICENSURE

Teacher preparation and endorsement in health/physical education is available only through the Kinesiology Major within the Department of Health Sciences and Kinesiology 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 www.liberty.edu/uguide.

Programs of Study		
Health Promotion Major (B.S.)		
CHES Specialization (51 hrs)		
Major Core (19 hrs)		
FACS 330	<i>Human Nutrition</i>	3
NURS 105	<i>Medical Terminology</i>	1
HLTH 216	<i>Personal Health</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	6
Specialization (32 hrs)		
BIOL 203	<i>Introductory Microbiology – OR</i>	4
BIOL 303	<i>Microbiology</i>	

CHEM 107	<i>Essentials of General and Organic Chemistry</i>	4
KINE 310	<i>Physiology of Exercise</i>	3
KINE 320	<i>Measurement and Evaluation in Health and Physical Education</i>	3
HLTH 252	<i>Drugs In Society</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>Health Planning and Promotion</i>	3
HLTH 488	<i>Infectious Disease</i>	3
HLTH 499 ¹	<i>Professional Practice in Health Science</i>	3
¹ 2.35 GPA is required.		
NOTE: "C" or better is required in all HLTH major and BIOL courses and all majors must be CPR and First Aid certified prior to taking HLTH 499.		
TOTAL HOURS: 120 hours minimum; 30 hours must be 300-400 level.		

Health Promotion Major (B.S.)		
Clinical Specialization (49 hrs)		
Major Core (19 hrs)		
FACS 330	<i>Human Nutrition</i>	3
NURS 105	<i>Medical Terminology</i>	1
HLTH 216	<i>Personal Health</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	6
Specialization (30 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
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
NOTE: "C" or better is required in all HLTH major and BIOL courses		
TOTAL HOURS: 120 hours minimum; 30 hours must be 300-400 level.		

Kinesiology Major

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, exercise science, and fitness professions. 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 specialization.

Those students completing either of the **Health and Physical Education** tracks will be given the knowledge and teaching skills necessary to design and implement developmentally appropriate motor/sport skill learning experiences in school settings.

Those students completing the **Fitness Specialist** track will be given the knowledge and practical skills for fulfilling a leadership position in the fitness profession. The graduates will also be trained in the competencies required for certification by professional organizations.

Those students completing the **Exercise Science** track will complete the prerequisite courses needed in order to make

application for a graduate school program in exercise science, physical or occupational therapy, chiropractic, or other similar professions.

Exercise Science Specialization

This track is designed for students who intend to continue their professional pursuits at the graduate level in exercise science, exercise physiology, biomechanics, physical or occupational therapy, chiropractic, or some other related field of study. This track is a combination of academic study and practical learning experiences in Kinesiology, Biology, Chemistry, Physics, and Health Sciences. Students choosing this track are required to complete an internship in an approved exercise science, chiropractic, rehabilitation, or some type of therapeutic setting supervised by a qualified professional.

Fitness Specialist Specialization

This track prepares students for employment in exercise and fitness-related settings as personal trainers, aerobics instructors, exercise specialists, or in cardiac rehabilitation facilities. This track is designed to produce graduates qualified to pursue certification as a Health/Fitness Specialist by the American College of Sports Medicine and/or as a Certified Strength and Conditioning Specialist by the National Strength and Conditioning Association. This track is a combination of academic study and practical learning experiences in a variety of exercise and fitness settings. Students choosing this track are required to complete an internship in an approved exercise or fitness setting supervised by a qualified clinical exercise or fitness professional.

Health and Physical Education Specializations

PreK-12 Teacher Licensure (Total of 133 hours minimum)

Non-Licensure (Total of 121 hours minimum)

These tracks 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 track is a combination of academic study and practical learning experiences dealing with teaching in both health and physical education instructional settings.

Programs of Study		
Kinesiology Major (B.S.) (43-57 hrs)		
Major Core (15 hrs)		
KINE 101	<i>Physical Fitness</i>	1
KINE 210-240	<i>Pedagogical/Sport Activity</i> (Choose from KINE 210-240)	1
KINE 225	<i>Weight Training & Conditioning</i>	1
KINE 310	<i>Physiology of Exercise</i>	3
KINE 311	<i>Analysis of Human Movement</i>	3
KINE 320	<i>Measurement and Evaluation in Kinesiology</i>	3
FACS 330	<i>Human Nutrition</i>	3
Specialization: Exercise Science (42 hrs)		
Specialization: Fitness Specialist (28 hrs)		

Exercise Science Specialization (42 hrs)		
KINE 340	<i>Coaching Strength Training and Conditioning</i>	3
KINE 350	<i>Biomechanics</i>	3
KINE 410	<i>Applied Exercise Physiology</i>	3
KINE 411	<i>Practicum I</i>	1
KINE 421	<i>Practicum II</i>	1
KINE 433	<i>Exercise Prescription for Special Populations</i>	3
KINE 460	<i>Exercise Testing, Evaluation and Prescription</i>	3
KINE 461	<i>Exercise Leadership</i>	3

+KINE 499	<i>Internship in Kinesiology</i>	6
CHEM 121	<i>General Chemistry I</i>	4
CHEM 122	<i>General Chemistry II</i>	4
PHYS 201	<i>General Physics I</i>	4
PHYS 202	<i>General Physics II</i>	4
+ Complete all major requirements (except electives); have taken ACSM:HES exam; overall GPA of 2.25 and Department Chair approval		
TOTAL HOURS: 121 hours minimum; 40 hours must be 300-400 level.		

Fitness Specialist Specialization (48 hrs)		
KINE 302	<i>Exercise Sports and Injuries</i>	2
KINE 340	<i>Coaching Strength Training and Conditioning</i>	3
KINE 350	<i>Biomechanics</i>	3
KINE 410	<i>Applied Exercise Physiology</i>	3
KINE 411	<i>Practicum I</i>	1
KINE 421	<i>Practicum II</i>	1
KINE 433	<i>Exercise Prescription for Special Populations</i>	3
KINE 460	<i>Exercise Testing, Evaluation, and Prescription</i>	3
KINE 461	<i>Exercise Leadership</i>	3
+KINE 499	<i>Internship in Kinesiology</i>	6
+ Complete all major requirements (except electives); have taken ACSM:HES exam; overall GPA of 2.25 and Department Chair approval		
TOTAL HOURS: 120 hours minimum; 40 hours must be 300-400 level.		

Health and Physical Education Specialization (Non- Licensure) (50 hrs)		
Major Core (21 hrs)		
KINE 101	<i>Physical Fitness</i>	1
KINE 208 / KINE	<i>Motor Learning</i> <i>Pedagogical/Sport Activity</i> (Choose from KINE 210-240)	3
KINE 225	<i>Weight Training and Conditioning</i>	1
KINE 310	<i>Physiology of Exercise</i>	3
KINE 311	<i>Analysis of Human Movement</i>	3
KINE 320	<i>Measurement and Evaluation in Kinesiology</i>	3
KINE 333	<i>Adapted Physical Activity</i>	3
FACS 330	<i>Human Nutrition</i>	3
Specialization (29 hrs)		
KINE 207	<i>History, Foundations of Physical Education</i>	2
KINE 210	<i>Softball/Volleyball</i>	1
KINE 211	<i>Basketball/Soccer</i>	1
KINE 212	<i>Innovative Games</i>	1
KINE 213	<i>Racquet Sports</i>	1
KINE 214	<i>Tumbling and Rhythmic Activities</i>	1
KINE 215	<i>Track & Field/Flag Football</i>	1
KINE 245	<i>PE Observations in Schools</i>	1
KINE 404	<i>Administration and Organization of PE, Exercise, and Fitness</i>	3
KINE 450	<i>Elementary Physical Education Methods</i>	3
KINE 451	<i>Secondary Physical Education Methods</i>	3
HLTH 252	<i>Drugs in Society</i>	3
HLTH 402	<i>School Health Program</i>	3
HLTH 440	<i>Methods and Resources in Teaching Applied Sciences in School</i>	2
SMGT 300	<i>Introduction to Coaching</i>	3
NOTE: 2.00 or higher cumulative GPA is required.		
TOTAL HOURS: 120 hours minimum; 40 hours must be 300-400 level.		

Health and Physical Education Teacher Licensure (PreK – 12 Licensure)		
Major Core (21 hrs)		
KINE 101	<i>Physical Fitness</i>	1
KINE 208	<i>Motor Learning</i>	3
KINE 210-240	<i>Pedagogical/Sport Activity (Choose from KINE 210-240)</i>	1
KINE 225	<i>Weight Training and Conditioning</i>	1
KINE 310	<i>Physiology of Exercise</i>	3
KINE 311	<i>Analysis of Human Movement</i>	3
KINE 320	<i>Measurement and Evaluation in Kinesiology</i>	3
KINE 333	<i>Adapted Physical Activity</i>	3
FACS 330	<i>Human Nutrition</i>	3
Specialization (29 hrs)		
KINE 207	<i>History, Foundations of Physical Education</i>	2
KINE 210	<i>Softball/Volleyball</i>	1
KINE 211	<i>Basketball/Soccer</i>	1
KINE 212	<i>Innovative Games</i>	1
KINE 213	<i>Racquet Sports</i>	1
KINE 214	<i>Tumbling and Rhythmic Activities</i>	1
KINE 215	<i>Track & Field/Flag Football</i>	1
KINE 245	<i>PE Observations in Schools</i>	1
KINE 404	<i>Administration and Organization of PE, Exercise, and Fitness</i>	3
KINE 450	<i>Elementary Physical Education Methods</i>	3
KINE 451	<i>Secondary Physical Education Methods</i>	3
HLTH 252	<i>Drugs in Society</i>	3
HLTH 402	<i>School Health Program</i>	3
HLTH 440	<i>Methods and Resources in Teaching Applied Sciences in School</i>	2
SMGT 300	<i>Introduction to Coaching</i>	3
Teacher Licensure Requirements (21 hrs)		
EDUC 125/126	<i>Introduction to Education/ Practicum</i>	1/1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning (Secondary)</i>	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
HLTH 441	<i>Methods and Resources in Teaching Applied Sciences in School Practicum</i>	1
KINE 322	<i>PE Student Aide: Elementary</i>	1
KINE 326	<i>PE Student Aide: Secondary</i>	1
KINE 435	<i>Seminar for Student Teachers</i>	2
NOTE: 2.5 or higher cumulative GPA is required. Honor students must take HONR 395 in Fall of Junior year.		
TOTAL HOURS: 130 hours minimum; 49 hours must be 300-400 level.		

Minors		
Health Promotion Minor (17 hrs)		
BIOL 211	<i>Human Anatomy and Physiology I</i>	4
BIOL 212	<i>Human Anatomy and Physiology II</i>	4
HLTH 350	<i>Introduction to Public & Community Health</i>	3
HLTH 420	<i>Principles of Behavior Change and Health Counseling</i>	3
HLTH 453	<i>Health Planning & Promotion</i>	3

Kinesiology Minor (17 hrs)		
KINE 101	<i>Physical Fitness</i>	3
KINE 208/	<i>Motor Learning/Lab</i>	3
KINE 210-215	<i>Pedagogical/Sport Activity Courses</i>	2
KINE 225	<i>Weight Training and Conditioning</i>	1

KINE 302	<i>Exercise and Sports Injuries</i>	2
SMGT 300	<i>Introduction to Coaching</i>	3
KINE	<i>Elective (300-400 level)</i>	3

History

David L. Snead, B.A., M.A., Ph.D.

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

Associate Professor of History

FACULTY

Professor

Matheny, Rist, Schultz, Snead

Associate Professor

Blass, Hall, Melton, Saxon, Smith, S.C., Steinhoff

Assistant Professor

Davis, M.A., Donald, Mann, Ritchie

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 gives comprehensive instruction in history and historical methodology, encourages students to develop an integrated Christian worldview, equips them for service, and prepares graduates for further education and careers.

PROGRAM LEARNING OUTCOMES

Graduates of the programs of the History Department will be able to:

1. Apply biblical principles to the problems and issues of history.
2. Demonstrate a breadth of general knowledge of the field of history.
3. Evaluate how political, economic, military, religious, geographical and cultural factors influenced the development of history and civilization.
4. Articulate American cultural distinctives, including the democratic process and the free enterprise system.
5. Research historical topics and critically analyze historical literature, documents and data with historiographical and interpretative sophistication.
6. Convey and analyze ideas in writing and orally.
7. Evaluate the significance of world societies and cultures.

History Major (B.A.)

International Studies Specialization

PURPOSE

The History major with an International Studies specialization is designed to provide students with a more focused study of issues related to international relations and history.

PROGRAM LEARNING OUTCOMES

In addition to the outcomes listed for the History program, students will:

- gain knowledge about other cultures so that a student can break the ties of provincialism.

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

In addition to the outcomes listed for the history program, students will:

Acquire a global perspective so as to understand 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 www.liberty.edu/uguide. All teacher licensure programs have been approved by the National Council for Accreditation of Teacher Education (NCATE).

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	Social Scientist
Information Consultant	Teacher
Lawyer	

Programs of Study

History Major (B.A.) (36 hrs)

Major Core (9 hrs)

HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIST 300	<i>Historical Methodology</i>	3
Specialization (27 hrs)		
HIST	Electives (300-400 level) ¹	24
HIST 490	<i>Senior Seminar</i>	3

¹ 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 Third World.

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

International Studies Specialization (36 hrs)

Major Core (9 hrs)

HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIST 300	<i>Historical Methodology</i>	3

Specialization (27 hrs)

Choose seven elective courses (21 hrs); at least two from each group, four must be history courses.

Int'l Policy Issues/U.S. Foreign Policy:

GOVT 403, 425; GEOG 410; HIUS 370, 480

Third World:

GOVT 334, 335; HITW 320, 441, 450, 460, 471, 472

Modern Europe:

GOVT 330, 332; HIEU 370, 380, 390, 450, 460, 485

GOVT 340	<i>International Relations</i>	3
HIST 490	<i>Senior Seminar</i>	3

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

History Major (B.S.) (39 hrs)

Major Core (12 hrs)

HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIST 300	<i>Historical Methodology</i>	3
HIST 490	<i>Senior Seminar</i>	3

Specialization (27 hrs)

HIST	Electives (300-400 level) ¹	27
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¹ 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 Third World.

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

Social Sciences Major (B.S.) (45 hrs)

History Requirements (15 hrs)

HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIST 470	<i>Comparative Civilizations</i>	3
HIST 300	<i>Historical Methodology – OR</i>	3
HIST 419	<i>Secondary Social Studies Teaching /420 Methods/Practicum</i>	
HIST 490	<i>Senior Seminar</i>	3

History Cluster Courses (15 hrs)

HIST	Electives (300-400 level) ¹	15
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¹ At least one course is to be selected from the five clusters in early Europe, modern Europe, United States before 1865, United States since 1865 and Third World.

Government Courses (6 hrs)

GOVT 220	<i>American Government</i>	3
GOVT	Elective (upper level)	3

Economics/Geography Support Courses (9 hrs)

ECNC 213	<i>Principles of Economics I</i>	3
GEOG 200	<i>Introduction to Geography</i>	3
GEOG	Elective (upper level)	3

TOTAL HOURS: 120 hours minimum required; 39 hours must be 300-400 level.

Teacher Licensure Requirements

Endorsement: Social Sciences (Grades 6-12)

History Requirements (12 hrs)

HIUS 221	<i>Survey of American History I</i>	3
HIUS 222	<i>Survey of American History II</i>	3
HIST 470	<i>Comparative Civilizations</i>	3

HIST 490	<i>Senior Seminar</i>	3
History Cluster Courses (15 hrs)		
HIST ____	Electives (300-400 level)*	15
* <i>At least one course is to be selected from the five clusters in early Europe, modern Europe, U.S. before 1865, U.S. since 1865 and Third World.</i>		
Government Courses (6 hrs)		
GOVT 220	<i>American Government</i>	3
GOVT	Elective (upper level)*	3
* <i>Students should take American Government courses</i>		
Economics/Geography Support Courses (9 hrs)		
ECNC 213	<i>Principles of Economics I</i>	
GEOG 200	<i>Introduction to Geography</i>	3
GEOG	Elective (300-400 level)	3
Teacher Licensure Requirements (30 hrs)		
EDUC 125/126	<i>Introduction to Education / Practicum</i>	1/1
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 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
EDUC 475	<i>Seminary in Classroom Management</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
HIST 419/420	<i>Secondary Social Studies Teaching Methods/Practicum</i>	2/1
TOTAL HOURS: 129 hours minimum required; 50 hours must be 300-400 level.		

Minor		
History Minor (15 hrs)		
	History Survey (200 level)	3
HIST 300	<i>Historical Methodology</i>	3
HIST	Electives (300-400 level)	9

Mathematics

Robert B. Young, Jr., B.S., M.S.

*Chair, Department of Mathematics
Assistant Professor of Mathematics*

Timothy Van Voorhis, B.S., M.S., Ph.D.

*Associate Chair, Department of Mathematics
Associate Professor of Mathematics*

FACULTY

Professor

Dinsmore, Kester, Mavinga, Rumore, Runion, Skoumbourdis, Van Eaton

Associate Professor

Van Voorhis, Wang

Assistant Professor

Cook, Grayson, Prager, Putney, N., Spradlin, Sprano, Young, R.

Instructor

Deacon

PURPOSE

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:

1. provide general education courses and support courses;

2. provide education in both the theory and applications of the mathematical sciences for its majors;
3. provide an appreciation of the importance of the role the mathematical sciences play in society; and
4. provide experience in the use of a Computer Algebra System (CAS) in a laboratory setting.

CORE COURSES

LEARNING OUTCOMES

Students will be able to:

1. Apply the concepts and principles of differential and integral calculus as the basis of further study in mathematics.
2. Apply the calculus to develop the concepts and principles of statistics necessary to analyze data and to advance in the study of statistics and probability.
3. Develop principles of mathematical reasoning and techniques of proof.
4. Use linear algebra concepts to develop skills in matrix operations.

Mathematics Major

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Demonstrate proficiency in the application of automated mathematical tools and in the use of programming languages.
2. Use concepts and skills relating to infinite series, multiple integration, and vector functions.
3. Demonstrate an understanding of topological and algebraic properties of the complex number system, its differences and similarities with the real number system; develop skills in complex differentiation and integration and their applications.
4. Demonstrate a depth of understanding necessary for a rigorous treatment of the real number system and the topology of \mathbb{R}^n .
5. Demonstrate an understanding of the mathematical theory of probability distribution functions and functions of random variables.
6. Construct proofs of the various principles of group theory and other abstract algebraic structures such as rings and fields.

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 www.liberty.edu/uguide.

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 is as follows:

1. must be or have been a faculty member or a regularly enrolled student at an institution where a Kappa Mu Epsilon chapter is installed;
2. must have completed at least three semesters (or five quarters) of the college course and rank in the upper 35% of his/her class;
3. must have completed at least three college courses in mathematics including at least one semester (or two quarters) of calculus and attained an average of B or better in all mathematics courses; and
4. must have completed at least one semester (one quarter) at the institution, or must have transferred from another institution, and have completed at least one mathematics course with a B or better at the institution prior to his/her induction into membership.

Election to membership shall be irrespective of membership in any other organization, and no person shall be excluded on the grounds of sex, race, creed, or color.

Career Opportunities

Graduate School

Mathematics	Sciences (medical and non-medical)
Statistics	Computer Science
Actuarial Science	Finance/Economics
Applied Mathematics	

Job Market

Any industry requiring problem solving and computer use	
Computer Science	Operations Research
Data Processing	Financial and Insurance Industries
Engineering	

Teaching

Private Schools	Public Schools
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Programs of Study		
Mathematics Major (B.S.) (39 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 321	<i>Linear Algebra</i>	3
MATH 331	<i>Complex Variables</i>	3
MATH 401	<i>Introduction to Mathematical Statistics</i>	3
MATH 421	<i>Elementary Abstract Algebra I</i>	3
MATH 431	<i>Real Analysis</i>	3
MATH	Electives (300-400 level)	6
NOTE: <i>Directed Courses (required) (14 hrs)</i> All majors in mathematics must include PHYS 231, 232, and CSCI 110, 111.		
TOTAL HOURS: 120 hours minimum required; 33 hours must be 300-400 level.		

Teacher Licensure Requirements		
Endorsement: Mathematics (Grades 6 – 12)		
<i>Courses in the major (39 hrs)</i>		
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 331	<i>Complex Variables</i>	3
MATH 401	<i>Introduction to Mathematical Statistics</i>	3

MATH 421	<i>Elementary Abstract Algebra I</i>	3
MATH 431	<i>Real Analysis</i>	3
MATH 400	<i>History of Mathematics</i>	3
Teacher Licensure Requirements (30 hrs)		
EDUC 125/126	<i>Introduction to Education / Practicum</i>	1/1
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 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Sec Measurement & Evaluation</i>	3
EDUC 435/436	<i>Secondary Curriculum / Practicum</i>	2/1
MATH 419/420	<i>Teaching Mathematics in Secondary Schools / Practicum (Fall semester only)</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
NOTE: <i>Directed Courses (required) (6-17 hrs)</i> PHYS 231; PHYS 232; PSYC 210; CSCI 110; CSCI 111		
TOTAL HOURS: 128 hours minimum required; 44 hours must be 300-400 level.		

Minor		
Mathematics Minor (23 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
MATH 231 and 6 hours 300-400 level courses OR 9 hours 300-400 level courses		

Music and Humanities

John W. Hugo, B.Mus., M.M., D.M.A.

*Chairman, Department of Music and Humanities
Professor of Music*

FACULTY

Professor
Babcock, Ehrman, Hugo, Kompelien, Wellman
Associate Professor
Chiarizzio, Foley, R., Granger, Kerr, Super, Suzano
Assistant Professor
Beavers, S., Kim, Mills, Trombetta

PURPOSE

The purpose of the Department of Music and Humanities is to provide opportunities for academic study and training for students in Music, Music Education, Music Ministry, and the Humanities.

- The Department achieves its purpose for music and music education by providing comprehensive training in music for those preparing for music careers (leading to a B.M. degree in choral or instrumental music with and without teacher licensure) as well as for those who wish to receive musical training on an elective basis.
- The Department achieves its purpose in the Humanities by providing academic study that helps students develop a broader view of culture in Western civilization within the context of a Christian worldview.

Central to the departmental purpose is the development of aesthetically sensitive musicians, ministers of music, and music educators 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. Additionally, the Department seeks to provide academic study and training in the four areas for those wishing to pursue these arts as minor areas of study and to provide satisfying musical experiences to students across the University curriculum.

Music Major (B.M.)

PROGRAM LEARNING OUTCOMES

The student completing the Bachelor of Music 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. Communicate effectively about music in oral and written formats.

Outcomes for Performance

The student completing the Performance elective will demonstrate advanced performance skill in appropriate performance media.

Outcomes for Teacher Licensure

The student completing the Music Teacher Licensure option will meet all Virginia requirements for licensure in teaching music in situations ranging PreK-12.

VIRGINIA MUSIC TEACHER LICENSURE

Teacher preparation and endorsement in choral or instrumental music is available through the Department of Music and Humanities in cooperation with the School of Education. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. All teacher licensure programs have been approved by the National Council for Accreditation of Teacher Education (NCATE). Licensure information is also available at www.liberty.edu/uguide.

A student not seeking teacher licensure may elect other courses to fulfill degree requirements.

Career Opportunities

- Commercial Music Sales Private Studio Instructor
- Minister of Music Professional Musician
- Music Educator

Elementary School

- General Music Instructor Instrumental Instructor

Middle School

- Band Director General Music Instructor
- Choral Director Orchestra Director

High School

- Band Director Orchestra Director
- Choral Director

PROGRAMS OF STUDY

There are 18 varieties of B.M. degree from which to choose. There are programs that support the student with a general interest in music, programs that lead to Virginia music teacher licensure, and programs that prepare the student for graduate studies in music performance. All of these programs require the student to select a performance area (keyboard, non-keyboard instruments, or voice). Students also must select either a choral or instrumental specialization, depending on whether the student seeks a career in vocal or instrumental music. The Music Student Handbook is

available online to assist the student in understanding every aspect of the music program. To access go to [http://www.liberty.edu/media/1115/2008-2010 %20official %20handbook%20revision %208%207%2008.pdf](http://www.liberty.edu/media/1115/2008-2010%20official%20handbook%20revision%208%207%2008.pdf).

Students are encouraged to audition for faculty members during College for a Weekend (CFAW) activities or by appointment throughout the school year; a music audition is not required for admission to the university, but it offers an opportunity for discussion and evaluation of a student’s potential for success in the pursuit of a B.M. degree, and for scholarship consideration.

All students pursuing the Bachelor of Music degree must complete a piano proficiency exam and register attendance at a total of 56 approved concerts and/or recitals before the presentation of the senior recital. See the Department of Music and Humanities *Music Student Handbook* for more information.

Programs of Study		
Music Major (B.M.)		
Music Core Courses (27 hrs)		
MUSC 105	<i>Music Theory I</i>	3
MUSC 106	<i>Music Theory II</i>	3
MUSC 107	<i>Aural Skills I</i>	1
MUSC 108	<i>Aural Skills II</i>	1
MUSC 205	<i>Music Theory III</i>	3
MUSC 206	<i>Music Theory IV</i>	3
MUSC 207	<i>Aural Skills III</i>	1
MUSC 208	<i>Aural Skills IV</i>	1
MUSC 311	<i>Music History before 1750</i>	3
MUSC 312	<i>Music History since 1750</i>	3
MUSC 316	<i>Choral Conducting</i>	2
MUSC 317	<i>Instrumental Conducting</i>	2
MUSC 498	<i>Senior Recital</i>	1

Choral Specialization		
Core Courses (9 hrs)		
*MUSC 141	<i>Keyboard Instruments (Freshman) 2 semesters</i>	2
*MUSC 241	<i>Keyboard Instruments (Sophomore) 2 semesters</i>	2
MUSC 318	<i>Choral Arranging</i>	2
MUSC 393	<i>Vocal Diction</i>	3
Vocal Emphasis – Private Instruction (7 hrs)		
Major Ensemble (7 hrs)		
OPTIONS AVAILABLE:		
Performance Electives (14 hrs)		
Teacher Licensure (29 hrs)		
*Students using Keyboard as their principal performing area take:		
MUSC 121	<i>Private Voice Instruction (Freshman) 2 semesters</i>	2
MUSC 221	<i>Private Voice Instruction (Sophomore) 2 semesters</i>	2

Instrumental Specialization		
Core Courses (10 hrs)		
MUSC 309	<i>Orchestration</i>	2
MUSC 355	<i>Brass Class</i>	2
MUSC 357	<i>Woodwind Class</i>	2
MUSC 363	<i>Percussion Class</i>	2
MUSC 374	<i>String Class</i>	2
Principal Performance Area – Private Instruction (7 hrs)		
Keyboard Emphasis – Private Instruction (7 hrs)		
Non-Keyboard Emphasis – Private Instruction (7 hrs)		

Guitar Emphasis – Private Instruction (7 hrs)	
Major Ensemble (7 hrs)	
OPTIONS AVAILABLE:	
Performance Electives (14 -16 hrs)	
Teacher Licensure (29 hrs)	

Music Performance Elective (14-16 hrs)		
MUSC 121, 141 or 151	Private Music Instruction (Freshman)	0-1
MUSC 121, 141 or 151	Private Music Instruction (Freshman)	1
MUSC 221, 241 or 251	Private Music Instruction (Sophomore)	1
MUSC 221, 241 or 251	Private Music Instruction (Sophomore)	1
MUSC 321, 341 or 351	Private Music Instruction (Junior)	1
MUSC 421, 441 or 451	Private Music Instruction (Senior)	1
MUSC 398	Junior Recital	1
MUSC	Upper Level Music Electives	8-9

TEACHER LICENSURE ENDORSEMENT AREAS

The following options are available in the Bachelor of Music for Teacher Licensure Endorsement (PreK-12):

- Choral Specialization, Vocal Emphasis
- Choral Specialization, Keyboard Emphasis
- Choral Specialization, Guitar Emphasis
- Instrumental Specialization, Instrument Emphasis
- Instrumental Specialization, Keyboard Emphasis
- Instrumental Specialization, Guitar Emphasis

Music Major – B.M.		
Teacher Licensure Requirements (29 hrs)*		
EDUC 125/ 126	Introduction to Education/ Practicum	1/1
EDUC 221	Content Area Reading and Differentiated Teaching and Learning (Secondary)	2
EDUC 235/ 236	Instructional Design: Secondary /Practicum	1/2
EDUC 360	Foundations of Education	2
MUSC 380	Instrumental Overview	2
MUSC 437/ 438	Elementary Music Methods and Materials/Practicum	2/1
MUSC 490/ 491	Secondary Music Advanced Methods & Materials/Practicum	2/1
EDUC 475	Seminar in Classroom Management	2
EDUC 476	Student Teaching I	5
EDUC 477	Student Teaching II	5
* Students electing this program option should take PSYC 210 Developmental Psychology for their investigative studies option in psychology.		

MINORS

All students pursuing the following 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.

Minors		
Music Minor:		
Brass, Woodwind or Percussion (18 hrs)		
MUSC 105	Music Theory I	3
MUSC 106	Music Theory II	3
MUSC 107	Aural Skills I	1
MUSC 108	Aural Skills II	1
MUSC 151	Performance Instruction (2 semesters)	2
MUSC 251	Performance Instruction (2 semesters)	2
MUSC 351	Performance Instruction (2 semesters)	2
Choose two courses from the following:		4
MUSC 355	Brass Class	
MUSC 357	Woodwind Class	
MUSC 363	Percussion Class	

Music Minor		
Church Music (17 hrs)		
MUSC 105	Music Theory I	3
MUSC 106	Music Theory II	3
MUSC 107	Aural Skills I	1
MUSC 108	Aural Skills II	1
MUSC 303	Church Music Methods and Materials II – OR	3
MUSC 307	Church Music Administration	
MUSC 316	Choral Conducting	2
MUSC 400	Music of Worship	3
Performance, voice, piano, guitar, or organ: (1 semester)		1

Music Minor		
Liberal Arts (17 hrs)		
MUSC 105	Music Theory I	3
MUSC 106	Music Theory II	3
MUSC 107	Aural Skills I	1
MUSC 108	Aural Skills II	1
MUSC 311	Music History Before 1750	3
MUSC 312	Music History Since 1750	3
MUSC 400	Music of Worship	3

Music Minor		
Performance: Voice, Keyboard, Guitar or Strings (19 hrs)		
MUSC 105	Music Theory I	3
MUSC 106	Music Theory II	3
MUSC 107	Aural Skills I	1
MUSC 108	Aural Skills II	1
MUSC 121, 141 or 151	Private Instruction (2 semesters)	2
MUSC 221, 241 or 251	Private Instruction (2 semesters)	2
MUSC 321, 341 or 351	Private Instruction (2 semesters)	2
Ensemble	(Two semesters)	2
Choose one course from the following:		3
MUSC 304	Keyboard Pedagogy	
MUSC 375	String Pedagogy	
MUSC 393	Vocal Diction	
MUSC 477	Guitar Pedagogy	

Nursing

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

Chair, Department of Nursing

Professor of Nursing

FACULTY

Professor

Britt, Spear

Associate Professor

Goodrich, Kopsis, Sanders

Assistant Professor

Bridge, Clarke, Drohn, Gregory, Harvey, Highton,

Hutchinson, Kail, Kennedy, Mills, Olmstead, Page, Raspberry,

T., Turner

Instructor

Harker

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.

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.

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 211, 212, NURS 101, 105 and NURS 215. Students must complete BIOL 211, 212, 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 three certificate programs:

Critical Care Nursing

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
Emergency Department
Flight Nurse
Medical
Obstetrics
Oncology

Orthopedics
Out Patient Surgery
Pediatrics
Rehabilitation
Surgical

Community Nursing

Home Health
Missionary Nursing
Occupational Health
Red Cross

Outpatient Clinics
Physicians Office
Public Health

Armed Services

Air Force
Army

Navy

With Additional Education

Clinical Nurse Specialist
Nurse Anesthetist

Nurse Educator
Nurse Practitioner

Program of Study		
Nursing Major (B.S.N.) (55 hrs)		
NURS 101 ¹	<i>Introduction to Nursing – OR</i>	1
NURS 325	<i>Nursing Concepts</i>	
NURS 105	<i>Medical Terminology</i>	1
NURS 200	<i>Critical Thinking in Nursing</i>	1
NURS 210	<i>Health Assessment</i>	2
NURS 215	<i>Sciences in Nursing</i>	3
NURS 221	<i>Fundamentals of Nursing</i>	4
NURS 225	<i>Research in Nursing</i>	3
NURS 301	<i>Strategies for Adult Health Care I</i>	5
NURS 302	<i>Strategies for Adult Health Care II</i>	5
NURS 305	<i>Pharmacology</i>	2
NURS 306	<i>Pharmacology II</i>	2
NURS 352	<i>Caring for the Childbearing Family I</i>	4
NURS 353	<i>Caring for the Childbearing Family II</i>	4
NURS 440	<i>Strategies of Community Health Care</i>	5
NURS 451	<i>Strategies for Mental Health Care – OR</i>	3
NURS 350	<i>Advanced Nursing Communication</i>	1
NURS 460	<i>Advanced Strategies for Adult Health Care</i>	4
NURS 490	<i>Leadership/Management in Nursing</i>	3
Choose one elective course (3 hrs) from the following:		
NURS 415	<i>Cross Cultural Nursing</i>	
NURS 416	<i>Preceptorship in Nursing</i>	
NURS 417	<i>Crisis Nursing</i>	
NURS 418	<i>Gerontological Nursing</i>	
NURS 419	<i>Strategies for End of Life Care</i>	
NURS 420	<i>Pain Management</i>	
NURS 465	<i>Advanced Strategies for Adult Health Care II</i>	
¹ RN to BSN students must take NURS 325 and 350.		
NOTE: BIOL 203, 212, CHEM 107, FACS 330 and PHIL 380 are required.		
TOTAL HOURS: 125 hours minimum required; 46 hours must be 300-400 level		

Psychology

Dennis L. Jennings, B.A., M.A., Ph.D.

*Chair, Department of Psychology
Associate Professor of Psychology*

Frederick Volk, B.S., M.A., Ph.D.

*Associate Chair, Department of Psychology
Associate Professor of Psychology*

FACULTY

Professor

Anderson, L., Anderson, N., Gadomski, Nelson, L.

Associate Professor

Freyre, Jennings, King, H., Scott, Volk

Assistant Professor

Brown, J., Cole, Logan, Magnuson, Sites, Vess

Instructor

Cooksey

Lecturer

Donovan

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.

PROGRAM LEARNING OUTCOMES

In addition to the aims and goals of Liberty University and the College of Arts and Sciences, the study of Psychology will interpret and influence human behavior, interactions and thinking so that God is served and honored. Along with the integration of Christian Principles, students in Psychology courses will:

1. Students will be able to demonstrate competence in the major concepts in Psychology.
2. Students will be able to create research designs and analyze and interpret data.
3. Students will be able to use critical thinking to solve problems related to behavior and mental processes.
4. Students will be able to weigh evidence, tolerate ambiguity, act ethically, and reflect values in their personal and professional behavior that are the underpinnings of the multiple perspectives of psychology as a discipline and Christian/Biblical faith and praxis.
5. Students will be able to communicate effectively in written, oral, and technological formats.
6. Students will be able to recognize, and respect the complexity of socio-cultural and international diversity.

PSI CHI HONOR SOCIETY

Advisors: Dr. Marilyn Gadomski and Dr. Dennis Jennings

Psi Chi is the National Honor Society in Psychology. The Liberty University chapter was formed in 1988 to promote scholarship and fellowship among Psychology Majors. Psi Chi attempts to nourish and stimulate professional growth through sponsoring invited speakers at general meetings, through field trips, and through participation in professional conferences.

Criteria for membership:

1. completion of at least 3 semesters of college;
2. completion of 9 semester hours of psychology above PSYC 210;
3. registration for major or minor standing in psychology;
4. undergraduates who are elected to Psi Chi must have at least an overall GPA of 3.25 and rank in the upper 35 percent of their class (sophomore, junior, senior) in general scholarship. They must also demonstrate superior scholarship in psychology, earning a minimum GPA in psychology courses of at least 3.50. Psi Chi accepts the policy of the institution regarding grades;
5. high standards of personal behavior; and
6. two-thirds affirmative votes of those present at a regular meeting of the chapter.

Career Opportunities

Counseling, Clinical, or Research Specialization

Preparation for pursuing a M.A./Ph.D. in counseling or M.A./Ph.D./Psy.D. in psychology, and a career in psychology, counseling, or related fields.

Human Development Specialization

Preparation for a M.A. in counseling or psychology, and a career in one of the following areas:

Kindergarten through university levels of Christian/ public schools
 School counseling
 Child development clinics
 Child/adolescent/adult treatment centers
 Private professional practice
 Adult residential and treatment centers

Human Services Specialization

Preparation for a M.A. in human services or entry-level positions in:

Group home settings
 Crisis intervention centers
 Church counseling centers

Industrial/Organizational Specialization

Preparation for a M.A. or Ph.D. in human relations or industrial/organizational psychology, and/or a career in one of the following areas:

Human Resources
 Human Factors Engineer
 Industrial Engineer

Programs of Study	
Psychology Major (B.S.) (45 hrs)	
<i>Major Core (21 hrs.)</i>	
PSYC 255	Introduction to Research 3
PSYC 312	Social Psychology 3
PSYC 341	Psychology of Personality 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
<i>Specialization (24 hrs)</i>	
TOTAL HOURS: 120 hours minimum required; 36 hours must be 300-400 level.	

Counseling, Clinical, or Research Specialization (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 3
PSYC	Elective 3

Human Development Specialization (24 hrs)	
PSYC 320	Behavior Management 3
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

Human Services Specialization (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 3
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 3
PSYC 320	Behavior Management

Industrial/Organizational Specialization (24 hrs)	
PSYC 235	Adult Psychology 3
PSYC 316	Industrial and Organizational Psychology 3
PSYC 318	Consumer Psychology 3
PSYC 421	Psychological Measurement 3
Choose two courses (6 hrs) from the following:	
PSYC 305	Substance Abuse 3
PSYC 312	Social Psychology 3
PSYC 405	Group Dynamics
Choose two courses (6 hrs) from the following:	
BUSI 310	Principles of Management 3
BUSI 330	Marketing 3
BUSI 340	Organizational Behavior I
BUSI 342	Human Resources Management
HLTH 453	Health Planning and Promotions

Minors	
Psychology Minor (15 hrs)	
PSYC 101	General Psychology 3
PSYC 210	Developmental Psychology 3
PSYC Electives (at least 6 hours 300-400 level)	9

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

Theatre Arts

Linda N. Cooper, B.S., M.A.

Chair, Department of Theatre Arts

Assistant Professor of Theatre Arts

FACULTY

Associate Professor

Wheeler, S.

Assistant Professor

Brasher, Cooper, L., 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 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.

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	Theatre Historian
Coordinator	Theater Manager

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.

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 3.5 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.

PROGRAM REQUIREMENTS

- Students must receive a “C” or better in all THEA 100/200 level classes and a “B” or better in all THEA 300/400 level 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.

Programs of Study

Theatre Arts Major (B.A.) (49 hrs)

Major Core (31 hrs)

THEA 200	<i>Play Production I (2 semesters)</i>	2
THEA 211	<i>Foundations of Theatre History I</i>	3
THEA 212	<i>Foundations of Theatre History II</i>	3
THEA 220	<i>Basic Acting I</i>	3
THEA 250	<i>Voice for the Stage</i>	3
THEA 300	<i>Play Production II (3 semesters)</i>	3
THEA 310	<i>Basic Acting II</i>	3
THEA 312	<i>Script Analysis</i>	3
THEA 400	<i>Play Production III (3 semesters)</i>	3
THEA 490	<i>Senior Project</i>	2
THEA 497	<i>Special Topics in Theatre</i>	3

Specialization

18

Performance Specialization (18 hrs)

THEA 390	<i>Stage Accents</i>	3
THEA 420	<i>Advanced Acting</i>	3
THEA 440	<i>Stage Movement</i>	3
THEA 422	<i>Classical Acting – OR</i>	3
THEA 460	<i>Advanced Musical Theatre</i>	
THEA 450	<i>Musical Theatre Performance</i>	3
MUSC 121/	<i>Voice I</i>	2
WRSP 120		
MUSC 221 /	<i>Voice II</i>	1
WRSP 220		

TOTAL HOURS: 120 hours minimum; at least 34 hours must be 300-400 level.

Production Specialization (18 hrs)

THEA 320	<i>Directing</i>	3
THEA 350	<i>Writing for the Stage – OR</i>	3
THEA 352	<i>Writing for Church Drama</i>	
THEA 360	<i>Costume and Makeup Design</i>	3
THEA 380	<i>Lighting and Scene Design</i>	3
THEA 410	<i>Drama for the Church</i>	3
THEA 411	<i>Stage and Theater Management</i>	3

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

Theatre Arts Major (B.A.)

Teacher Licensure Requirements

Courses in the Major (43 hrs)

THEA 200	<i>Play Production I (2 semesters)</i>	2
THEA 211	<i>Foundations of Theatre History I</i>	3
THEA 212	<i>Foundations of Theatre History II</i>	3
THEA 220	<i>Basic Acting I</i>	3
THEA 250	<i>Voice for the Stage</i>	3
THEA 300	<i>Play Production II (3 semesters)</i>	3
THEA 310	<i>Basic Acting II</i>	3
THEA 312	<i>Script Analysis</i>	3

THEA 400	<i>Play Production III (3 semesters)</i>	3
THEA 490	<i>Senior Project</i>	2
Theatre Arts Education (15 hrs)		
THEA 320	<i>Directing</i>	3
THEA 360	<i>Costume and Makeup Design – OR</i>	3
THEA 380	<i>Lighting and Scene Design</i>	
THEA 411	<i>Stage and Theater Management</i>	3
THEA 420	<i>Advanced Acting</i>	3
THEA 440	<i>Stage Movement</i>	3
Language (12 hrs) Must be one language		
Directed Courses (required) (0-3 hrs)		
PSYC 210	<i>Developmental Psychology</i>	3
Teacher Licensure Requirements (30 hrs)		
EDUC 125/ 126	<i>Introduction to Education/ Practicum</i>	1/ 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 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
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
TOTAL HOURS: 142 hours minimum; at least 58 hours must be 300-400 level.		

Minor		
Theatre Arts Minor (17 hrs)		
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>Basic Acting</i>	3
THEA 310	<i>Basic Acting II</i>	3
Choose one course (3 hrs) from the following:		
THEA 320	<i>Directing</i>	
THEA 350	<i>Writing for the Stage</i>	
THEA 410	<i>Drama in the Church</i>	
Choose one course (3 hrs) from the following:		
THEA 420	<i>Advanced Acting</i>	
THEA 422	<i>Classical Acting</i>	
THEA 450	<i>Musical Theatre Performance</i>	

School of Aeronautics

David L. Young, B.S., M.A., FAA COMM, INST, ME, MEI, ATP, CFI, CFII

*Dean, School of Aeronautics
Assistant Professor of Aviation*

Bradley Blank, B.S., FAA COMM, INST, CFI, CFII, A&P

Director, Aviation Maintenance Technician School

Tim Hahn, B.A., FAA A&P, COMM, INST, ME, MEI, CFI, CFII, DPE

*Director of Pilot Development
Designated Pilot Examiner*

James Mashburn, 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

Joshua Clark, B.S., M.S.M., FAA COMM, INST, CFI, CFII

Associate Director of Flight Operations/ Chief Scheduler

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

Associate Director of Flight Operations

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

Safety Officer

Aviation Qualifications Legend:

- A&P – Airframe and Powerplant Maintenance Technician
- ATP – Airline Transport Pilot
- CFI – Certified Flight Instructor
- CFII – Certified Flight Instructor Instrument
- DPE – FAA Designated Pilot Examiner
- COMM – Commercial
- HELO – Helicopter Rated
- INST – Instrument Rated
- ME – Multi-Engine
- MEI – Multi-Engine Instructor

PURPOSE

To educate our Aeronautics student with the Christian values, knowledge, and skills necessary to make a positive impact on their lives and professions within the aviation industry.

The School of Aeronautics offers a Bachelor of Science degree in Aeronautics with four specializations: commercial/ corporate, military, and missionary as well as a minor in Aviation. Students may also obtain Federal Aviation Administration (FAA) Airframe and Powerplant (A & P) certification.

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 prepare aircraft technicians for A & P licensure.

The programs offered by the School of Aeronautics are Veteran’s Administration Approved.

Department of Aviation

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

*Chairman, Department of Aviation
Chief Flight Instructor
Assistant Professor of Aviation*

FACULTY

Associate Professor

Reesman

Assistant Professor:

Reichard, Rogers, Young, D.

PURPOSE

It is the purpose of the Department of Aviation to train and mentor young men and women to become exceptional pilots who possess excellent flying skills, sound judgment, professionalism, and strong Christian character.

PROGRAM LEARNING OUTCOMES

Students will:

1. Analyze aero-medical issues as related to pilots.
2. Analyze pilot judgment and aeronautical decision-making.
3. Identify weather hazards that affect aircraft safety.
4. Develop an understanding of the legal responsibilities and consequences as related to aviation.
5. Demonstrate the skills required in proper aeronautical decision-making.
6. Demonstrate a comprehensive knowledge for safe and effective flight operations.

BASIC COURSE INFORMATION

The Aviation program is FAA Part 141 Certificated. Students are responsible for lab fees, in-flight instruction, aircraft rental and A & P mechanical classes. Internships are available. All flight training is conducted at Lynchburg Regional Airport.

Career Opportunities

- Certified Flight Instructor Military Pilot
- Commercial Pilot Missionary Pilot
- Corporate Pilot

DEGREE COMPLETION PLANS (DCP)

Degree Completion Plans for degree programs offered by the School of Aeronautics can be found online at: <https://www.liberty.edu/index.cfm?PID=19207> (login required).

Programs of Study		
Aviation Major (B.S.)		
Commercial/Corporate Specialization (52 hrs)		
Major Core (35 hrs)		
AVIA 102	<i>Aviation Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 215	<i>Private Ground II</i>	2
AVIA 220	<i>Private Flight I</i>	3
AVIA 225	<i>Private Flight II</i>	3
AVIA 240	<i>GPS Navigation</i>	1
AVIA 300	<i>Aviation Safety</i>	2
AVIA 305	<i>Airplane Aerodynamics</i>	3
AVIA 310	<i>Instrument Ground</i>	3

SCHOOL OF AERONAUTICS

AVIA 315	<i>Commercial Ground</i>	3
AVIA 320	<i>Instrument Flight</i>	3
AVIA 325	<i>Commercial Flight</i>	3
AVIA 340	<i>Aviation Weather</i>	3
AVIA 400	<i>Aerospace Law, Human Factors & Crew Resource Management</i>	3
Specialization (17 hrs)		
AVIA 350	<i>Airline Operations</i>	3
AVIA 360	<i>Corporate / Business Aviation</i>	3
AVIA 430	<i>Multi-Engine Ground & Advanced Aircraft Systems</i>	3
AVIA 440	<i>Multi-Engine Flight</i>	1
AVIA 455	<i>Turbine Engines & Jet Transport</i>	3
AVIA 460	<i>Interview & Etiquette Techniques</i>	1
BUSI 101	<i>Introduction to Business</i>	3
TOTAL HOURS: 120 hours minimum; at least 37 hours must be 300-400 level)		

Aviation Major (B.S.) Military Specialization (53 hrs)		
Major Core (35 hrs)		
AVIA 102	<i>Aviation Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 215	<i>Private Ground II</i>	2
AVIA 220	<i>Private Flight I</i>	3
AVIA 225	<i>Private Flight II</i>	3
AVIA 240	<i>GPS Navigation</i>	1
AVIA 300	<i>Aviation Safety</i>	2
AVIA 305	<i>Airplane Aerodynamics</i>	3
AVIA 310	<i>Instrument Ground</i>	3
AVIA 315	<i>Commercial Ground</i>	3
AVIA 320	<i>Instrument flight</i>	3
AVIA 325	<i>Commercial Flight</i>	3
AVIA 340	<i>Aviation Weather</i>	3
AVIA 400	<i>Aerospace Law, Human Factors & Crew Resource Management</i>	3
Specialization (18 hrs)		
AVIA 250	<i>Intro to Space Flight</i>	3
AVIA 430	<i>Multi-Engine Ground & Advanced Aircraft Systems</i>	3
AVIA 445	<i>Military Aviation Selection Test Battery Preparation</i>	3
AVIA 455	<i>Turbine Engines & Jet Transports</i>	3
BUSI 310	<i>Principles of Management</i>	3
ISYS 201	<i>Intermediate Microcomputer Applications</i>	3
TOTAL HOURS: 120 hours minimum; at least 35 hours must be 300-400 level)		

Aviation Major (B.S.) Missionary Specialization (58 hrs)		
Major Core (35 hrs)		
AVIA 102	<i>Aviation Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 215	<i>Private Ground II</i>	2
AVIA 220	<i>Private Flight I</i>	3
AVIA 225	<i>Private Flight II</i>	3
AVIA 240	<i>GPS Navigation</i>	1
AVIA 300	<i>Aviation Safety</i>	2
AVIA 305	<i>Airplane Aerodynamics</i>	3
AVIA 310	<i>Instrument Ground</i>	3
AVIA 315	<i>Commercial Ground</i>	3
AVIA 320	<i>Instrument flight</i>	3
AVIA 325	<i>Commercial Flight</i>	3
AVIA 340	<i>Aviation Weather</i>	3

AVIA 400	<i>Aerospace Law, Human Factors and Crew Resource Management</i>	3
Specialization (23 hrs)		
ICST 200	<i>Introduction to Missions</i>	3
ICST 300	<i>Cultural Anthropology</i>	3
ICST 338	<i>Contemporary Mission Problems and Issues</i>	3
ICST 373	<i>Missionary Relationships</i>	3
ICST 441	<i>Career Missionary Preparation</i>	3
ICST 485	<i>Pioneer Ministry Orientation (Jungle Camp)</i>	3
ACCT 211	<i>Principles of Accounting I</i>	3
AVIA 450	<i>Confined Area Operation</i>	2
TOTAL HOURS: 120 hours minimum; at least 40 hours must be 300-400 level)		

Aviation (A.A.) Airline Flight Attendant (24 hrs)		
AVIA 101	<i>Exploring Aviation</i>	3
AVIA 103	<i>Flight Attendant Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 300	<i>Aviation Safety</i>	2
AVIA 340	<i>Aviation Weather</i>	3
AVIA 350	<i>Airline Operations</i>	3
AVIA 400	<i>Aerospace Law, Human Factors & Crew Resource Management</i>	3
AVIA 460	<i>Interview & Etiquette Techniques</i>	1
FACS 230	<i>Food Science and Management</i>	3
HLTH 205	<i>Accident Prevention and Care (CPR)</i>	3
TOTAL HOURS: 69 hours minimum required.		

Minor Aviation Minor (28 hrs)		
AVIA 102	<i>Aviation Orientation</i>	1
AVIA 210	<i>Private Ground I</i>	2
AVIA 215	<i>Private Ground II</i>	2
AVIA 220	<i>Private Flight I</i>	3
AVIA 225	<i>Private Flight II</i>	3
AVIA 300	<i>Aviation Safety</i>	2
AVIA 305	<i>Airplane Aerodynamics</i>	3
AVIA 310	<i>Instrument Ground</i>	3
AVIA 315	<i>Commercial Ground</i>	3
AVIA 320	<i>Instrument Flight</i>	3
AVIA 325	<i>Commercial Flight</i>	3

School of Business

Bruce K. Bell, B.A., M.A., Ph.D.

Dean, School of Business
Professor of Business

Anita Satterlee, B.S., M.A., Ed.D.

Associate Dean, Liberty University Online for the School of Business
Assistant Professor of Business

David G. Duby, B.S., M.S., Ph.D.

Chair, Department of Business Management
Associate Professor of Business

Robert N. Mateer, B.A., M.B.A.

Chair, Department of Finance and Economics
Director of Center for Business and Government
Professor of Business

Gene Sullivan, B.S., M.S., M.R.E., Ph.D.

Chair, Department of Accounting
Professor of Accounting

Paul E. Young, B.A., M.Ad., Ph.D.

Coordinator, Department of Marketing
Associate Professor of Business
Accounting/Business Internship Coordinator

FACULTY

Professor

Bell, B., George, Gilmore, P., Light, A., Mateer, Moore,
Preacher, Satterlee, B., Shelton, Sullivan

Associate Professor

Duby, Fischer, Gerdes, Hicks, M., Lawson, McLaughlin,
Moore, Rencher, Jr., Young, G., Young, P.

Assistant Professor

Brunson, Ehrhorn, Gilmore, J., Hicks, S., Parrish,
Satterlee, A.

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.

PROGRAM LEARNING OUTCOMES

The Business Graduate will be able to:

1. Communicate effectively within a professional business context.

2. Evaluate business issues and strategies from a biblical perspective.
3. Demonstrate professional behavior grounded in the biblical worldview in accordance with accepted business standards.
4. Use core business concepts and strategies to determine effective solutions to hypothetical and/or real life situations.

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

Faculty Advisor: Mr. Robert Rencher

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.

Career Opportunities
Accounting

Auditor	International Banking Office
Bank Officer	Managerial Accounting
Budget Analyst	Certified Public Accountant
Controller	Tax Accountant
Cost Accounting	Treasurer
Credit Manager	Government Accountant
Internal Auditor	
Internal Revenue Service Agent	

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 Assistant	Entrepreneur
HR Generalist	Manager
Plant HR Manager	Supervisor
International HR Manager/Director	Staffing Assistant Staffing Specialist
Corporate/Division of HR Executive (VP of HR)	Staffing/Recruiting Consultant
Regional HR Manager/Director	Staffing Manager Recruiting Manager
Compensation, Benefits & Job Analysis Specialist	Training & Development Consultant
Employee Benefits Administrator	Training & Development Assistant
Compensation Analyst and/or Supervisor	Training & Development Specialist
Compensation & Benefits Manager/Director	Training & Development Manager/Director
Corporate Compensation & Benefits Executive	Employee Benefits Claim Clerk
Retirement Plan Analyst	Employee & Labor Relations Specialist
Safety Manager	International Relations Specialist
Internal Relations Analyst	Equal Employment Specialist
VP of Risk Management	
Risk Management Consultant	
Director/Manager of Risk Management	

International Business

Communications Manager	Missions Ministry
Foreign Service Officer	Administrator
Global Executive (<i>international corporations</i>)	Tour Industry Manager (<i>cruise ships, resort hotels, travel agencies, tour companies, etc.</i>)
Import/Export Manager	U.S. Department of Commerce International Trade Specialist
International Financial Executive (<i>banking, investments, maritime insurance, etc.</i>)	U.S. Department of Homeland Security
International Marketing Manager	(<i>various official positions</i>)
International Transportation and Shipping Executive	U.S. Department of State

Management

Branch Manager	Merchandising Manager
City Manager	Human Resource Manager
Data Processing	Manager President
Department Manager	Retail Manager
Management Consultant	Vice President

Marketing

Account Executive	Insurance Agent/Broker
Advertising Executive	Manufacturer Sales Rep.
Branch Sales Manager	Market Research Analyst
Business Owner	Merchandise Manager
Buyer	Product/Brand Manager
CEO	Purchasing Agent
Convention Manager	Real Estate Agent/Broker
Director of Marketing	Retail Manager
Hotel/Motel Manager	Sales Manager
Insurance Agent/Broker	Sales Representative
Manufacturer Sales Representative	Securities Broker

DEGREE COMPLETION PLANS

- Degree Completion Plans for degree programs offered by the School of Business can be accessed online at: <https://www.liberty.edu/index.cfm?PID=19207> (login required).

Accounting Major

PROGRAM LEARNING OUTCOMES

Students will be able to:

- Critically evaluate business transactions in accordance with generally accepted accounting principles within the various fields of the accounting discipline.
- Analyze accounting transactions of third party preparers in accordance with generally accepted auditing standards
- Communicate effectively in written, oral, and technical venues.
- Identify, evaluate, and appropriately deal with ethical dilemmas from a sound moral and biblical perspective.

Program of Study	
Accounting Major (B.S.) (54 hrs)	
Major Core (36 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 302	<i>Intermediate Accounting II</i> 3
ACCT 311	<i>Cost Accounting I</i> 3
ACCT 332	<i>Accounting Information Systems</i> 3
ACCT 401	<i>Taxation I</i> 3
ACCT 402	<i>Advanced Accounting I</i> 3
ACCT 403	<i>Advanced Accounting II</i> 3
ACCT 404	<i>Auditing</i> 3
ACCT 412	<i>Taxation II</i> 3
ACCT 441	<i>Accounting Theory and Ethics</i> 3
Business and Economics Electives (18 hrs)	
Select a combination of six business and economics courses, which must be at 300-400 level, with the exception of ECNC 214	
TOTAL HOURS: 120 hours minimum required; at least 45 hours must be 300-400 level.	

Business Major

PROGRAM LEARNING OUTCOMES

Students will be able to:

- Communicate effectively within a professional business context.
- Evaluate business issues and strategies from a biblical perspective.
- Demonstrate professional behavior grounded in the biblical worldview in accordance with accepted business standards.
- Use core business concepts and strategies to determine effective solutions to hypothetical and/or real life situations.

Economics Specialization

PROGRAM LEARNING OUTCOMES

Students will be able to:

- Have a biblical world-view of economics and free markets;
- Have an understanding of both microeconomics and macroeconomics;
- Demonstrate knowledge in the areas of economic theory, markets, investments, forecasting, government

- intervention in economies, and international trade; and
- Demonstrate the ability through analysis, synthesis, and evaluation to integrate the above for appropriate application.

- Expertise); and
- Demonstrate effective communication skills in oral and written work incorporating information technologies (Communications Expertise).

Finance Specialization

PROGRAM LEARNING OUTCOMES

- Students will be able to:
- Understand the fundamentals of financial institutions, financial instruments, and financial management;
 - Demonstrate the application of various financial analytical and decision-making methods utilized by financial managers;
 - Be prepared for careers in the various areas of finance, such as banking, investments, real estate, insurance, and organizational financial management; and
 - Integrate the above skills for appropriate application through analysis, synthesis and evaluation.

Human Resource Management Specialization

PROGRAM LEARNING OUTCOMES

- Students will be able to:
- Develop and align human resource objectives with the strategic goals of an organization while adhering to all legal requirements.
 - Analyze and apply approaches of the staffing and training models and processes to obtain, retain, and develop top talent.
 - Examine the process of developing and implementing a compensation and risk management system.

International Business Specialization

PROGRAM LEARNING OUTCOMES

- Students will be able to:
- Demonstrate a biblical worldview of contemporary issues in global business;
 - Demonstrate a specialized understanding of global industries and operations;
 - Demonstrate fluency in terms of international market integration and trade agreements;
 - Demonstrate a specialized understanding of global exporting strategy; and
 - Demonstrate country-specific awareness in terms of language, culture and business practices.

Management Specialization

PROGRAM LEARNING OUTCOMES

- Students will be able to:
- Demonstrate managerial competence in moral ethical decision making and adopt a lifestyle of moral-ethical excellence (Ethical Maturity);
 - Demonstrate ability to qualitative and quantitative planning, organizing, critical thinking, and problem solving (Critical Thinking);
 - Demonstrate understanding of the servant leadership model, its Scriptural foundation, and its application in a team environment (Servant Leadership);
 - Demonstrate awareness of self as both follower and leader and the ability to improve organizational effectiveness through understanding and motivating people’s behavior (Team Expertise);
 - Demonstrate competency in managerial and administrative application of the socio-technical model, balancing efficiency and effectiveness while accommodating both people and task (Socio-Technical

Marketing Specialization

PROGRAM LEARNING OUTCOMES

- Students will be able to:
- Indicate understanding and application of a Christian world-view of the role of marketing in a free enterprise and market economy;
 - Demonstrate an in-depth knowledge of marketing as the revenue-raising and customer-satisfying function of all organizations; and
 - Demonstrate marketing management decision making competencies in utilizing the methods of marketing in analyzing and synthesizing information.

Programs of Study		
Business Major (B.S.) (51 hrs)		
Business Core (36 hrs)		
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 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Marketing</i>	3
BUSI 342	<i>Human Resource Management</i>	3
BUSI 400	<i>Strategic Planning/Business Policy</i>	3
BUSI 472	<i>Organizational Ethics</i>	3
ECNC 214	<i>Principles of Economics II</i>	3
Courses in the Specialization (15 hrs)		
TOTAL HOURS: 120 hours minimum; at least 42 hours must be 300-400 level.		

Economics Specialization (15 hrs)		
BUSI 321	<i>Money and the Financial System</i>	3
BUSI 405	<i>Business and Economic Forecasting</i>	3
GOVT 302	<i>Modern Political and Economic Ideas</i>	3
GOVT 350	<i>Political Economy Public Policy</i>	3
BUSI/ECON Elective (300-400 level)		3

Finance Specialization (15 hrs)		
BUSI 321	<i>Money and the Financial System</i>	3
BUSI 322	<i>Managerial Accounting</i>	3
	<i>or</i>	
BUSI 410	<i>Managerial Economics</i>	
BUSI 420	<i>Investments</i>	3
Choose two courses from the following:		
BUSI 405	<i>Business and Economic Forecasting</i>	6
BUSI 422	<i>Real Estate</i>	
BUSI 460	<i>Advanced Financial Management</i>	

Human Resource Specialization (15 hrs)		
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 445	<i>Human Resource Management Practicum</i>	3

SCHOOL OF BUSINESS

International Business Specialization (15 hrs)		
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 496	<i>Cross-Cultural Business Immersion</i>	3

Management Specialization (15 hrs)		
BUSI 340	<i>Organizational Behavior I</i>	3
BUSI 411	<i>Operations Management</i>	3
BUSI 412	<i>Moral Business Leadership Origins and Outcome</i>	3
BUSI 441	<i>Organizational Behavior II</i>	3
BUSI/ECON	Elective (300-400 level)	3

Marketing Specialization (15 hrs)		
BUSI 331	<i>Marketing Research</i>	3
BUSI 431	<i>Sales Management and Professional Selling</i>	3
BUSI 433	<i>Marketing Management</i>	3
Choose two courses (6 hrs) from the following:		
BUSI 430	<i>Promotion Strategy</i>	6
BUSI 435	<i>Small Business Entrepreneurship</i>	
BUSI 436	<i>Internet Marketing</i>	
BUSI 437	<i>Global Marketing</i>	

Business Major (B.S.) Teacher Licensure Requirements Endorsement: Business		
Business Core (42 hrs)		
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 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Marketing</i>	3
BUSI 342	<i>Human Resource Management</i>	3
BUSI 400	<i>Strategic Planning/Business Policy</i>	3
BUSI 421	<i>Risk Management/Insurance</i>	3
BUSI 435	<i>Small Business Entrepreneurship</i>	3
BUSI 472	<i>Organizational Ethics</i>	3
ECNC 214	<i>Principles of Economics II</i>	3
Teacher Licensure Requirements (30 hrs)		
EDUC 125/126	<i>Introduction to Education / Practicum</i>	1/1
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 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 435/436	<i>Secondary Curriculum / Practicum</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
TOTAL HOURS: 129 hours minimum required; at least 53 hours must be 300-400 level.		

Minors Accounting Minor (15 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

Business Minor (15 hrs)		
ACCT 211	<i>Principles of Accounting I</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 330	<i>Marketing</i>	3
BUSI	Elective (300-400 level)	3

School of Communication

William G. Gribbin, B.S., M.Ed., Ph.D.
Dean, School of Communication
Professor of English

Cecil V. Kramer, Jr., B.S., M.A., M. Div., D. Min.
Associate Dean, School of Communication
Professor of Communication Studies

PURPOSE

The School of Communication, comprised of the Department of English and Modern Languages and the Department of Communications Studies, offers undergraduate degrees in English, Teaching English as a Second/Foreign Language, and Spanish; and Communication Studies, with concentrations in Advertising/ Public Relations, Broadcasting, Journalism, and Speech Communication; and a major in Visual Communications Arts (VCAR). The School strives to educate committed Christians in the art, theory, and practice of literature, language, and communication.

TEACHER LICENSURE

Teacher preparation and endorsement is available in English, Spanish, and teaching English as a second language. Add-on endorsements in journalism, theatre arts, speech communication and studio art are available through the School of Communication 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.

Communication Studies

William Mullen, B.A., M.Div., Ph.D.
Chair, Department of Communication Studies
Associate Professor of Communication Studies

A. Todd Smith, B.S., M.F.A.
Director of Visual Communication Arts
Associate Professor of Communication Studies

FACULTY

Professor
Cornwell, Graves, D., Graves, M., Kelly, Kramer, Pruitt, Sumner, Windsor
Associate Professor
Allison, Barker, G., Beavers, L., Lyster, Martin, C., Mullen, F., Mullen, W., Palmer, Schwartz, Smith, A.T.
Assistant Professor
Alban, Jr., Davis, D. C., Edman, Huff, Reynolds, Slayton, Widgeon
Instructor
Gerstner, Kirk
Lecturer
Bonebright, Cannon

PURPOSE

The purpose of the Department of Communication Studies 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.

Communication Studies Major (B.S.)

PROGRAM LEARNING OUTCOMES

Students 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

PROGRAM LEARNING OUTCOMES

In addition to the communication studies learning outcomes, students will be able to:

Develop strategic communication tactics, programs and campaigns.

Broadcasting Concentration

PROGRAM LEARNING OUTCOMES

In addition to the communication studies learning outcomes, students will be able to:

Create media narratives and programming using the professional models of pre-production, production, and post-production.

Journalism Concentration

PROGRAM LEARNING OUTCOMES

In addition to the communication studies learning outcomes, students will be able to:

Prepare news stories in a format and style appropriate for print and electronic media.

Speech Communication Concentration

PROGRAM LEARNING OUTCOMES

In addition to the communication studies learning outcomes, students will be able to:

Critically evaluate communication effectiveness in various contexts.

Career Opportunities

Communication Studies and Visual Communication Arts

Advertising	Ministry
Business	Public Relations
Education	Radio
Film	Sales
Journalism	Television

Combined Skills (English, Communication Studies and Visual Communication Arts)

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

Programs of Study		
Communication Studies Major (B.S.)		
Advertising & Public Relations Concentration (42 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
VCAR 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
VCAR 340	<i>Publication Design</i>	3
COMS 360	<i>Professional Communication</i>	3
COMS 388-394; 396-399	<i>Communication Practicum</i> (3 @ 1 hour each)	3
COMS 489	<i>Communication Campaigns</i>	3
COMS 499	<i>Internship</i>	3
<u>Select either Advertising or Public Relations:</u>		
Advertising:		
COMS 346	<i>Advertising Copywriting and Design</i>	3
COMS 356	<i>Direct Marketing Communication – OR</i>	3
Public Relations:		
COMS 357	<i>Public Relations Writing</i>	3
COMS 367	<i>Public Relations Strategies</i>	3
NOTE: Must have a “C” or above in all 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.)		
Broadcasting Concentration (42 hrs)		
(For the student pursuing a career as technician, camera operator, station manager, director, or producer)		
COMS 110	<i>Introduction to Mass Communication</i>	3
COMS 210	<i>Communication Perspectives</i>	3
COMS 220	<i>Mass Communication Writing</i>	3
VCAR 222	<i>Desktop Publishing</i>	3
COMS 223	<i>Audio/Video Basics</i>	3
COMS 360	<i>Professional Communication</i>	3
COMS 388-394; 396-399	<i>Communication Practicum</i> (3 @ 1 hour each)	3
COMS 484	<i>Communication Law and Ethics</i>	3
COMS 488	<i>Survey of Media Business Practices</i>	3
COMS 499	<i>Internship</i>	3
<u>Select either Video or Audio:</u>		
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
NOTE: Must have a “C” or above in all 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.)		
Journalism Concentration (42 hrs)		
(For the student pursuing a career as a reporter for broadcast or print)		
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 234	<i>Copy Editing</i>	3

COMS 354	<i>News Writing</i>	3
COMS 360	<i>Professional Communication</i>	3
COMS 388-394, 396-399	<i>Professional Practicum</i> (3 @ 1 hour each)	3
COMS 484	<i>Communication Law and Ethics</i>	3
COMS 485	<i>Investigative Reporting</i>	3
COMS 499	<i>Internship</i>	3
<u>Select either Print Track or Broadcast Track:</u>		
Print Track:		
VCAR 222	<i>Desktop Publishing</i>	3
VCAR 340	<i>Publication Design</i>	3
COMS 482	<i>Specialized Publications</i>	3
Choose one course (3hrs) from the following:		
COMS 373	<i>Editorial and Opinion</i>	
COMS 374	<i>Magazine Writing</i>	
Broadcast Track:		
COMS 223	<i>Audio-Video Basics</i>	3
COMS 324	<i>Announcing</i>	3
COMS 473	<i>TV News Production</i>	3
Choose one course (3hrs) from the following:		
COMS 323	<i>Script Writing for Visual Media</i>	
COMS 454	<i>Radio News Production</i>	
NOTE: Must have a “C” or above in all 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.)		
Speech Communication Concentration (42 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 315	<i>Oral Interpretation</i>	3
COMS 325	<i>Interpersonal Communication</i>	3
COMS 330	<i>Small Group Communication</i>	3
COMS 335	<i>Argumentation</i>	3
COMS 345	<i>Persuasion</i>	3
COMS 355	<i>Organizational Communication</i>	3
COMS 360	<i>Professional Communication</i>	3
COMS 455	<i>Communication Theory</i>	3
COMS 465	<i>Rhetorical Theory</i>	3
COMS 475	<i>Criticism of Public Address</i>	3
COMS 499	<i>Internship</i>	3
NOTE: Must have a “C” or above in all 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.		

Visual Communication Arts Major (B.S.)

The purpose of the Visual Communication Arts major is to strive to prepare visual communication arts students, whether visual art or graphic design, who will:

- Use their professional skills to complement their moral and ethical values;
- Possess both theoretical and historical understanding of visual art and graphic design; and
- Make practical application of knowledge in professional and personal contexts as a communicator in visual art or graphic design.

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Critically analyze visual imagery in relation to history and culture;
2. Effectively articulate the meaning of visual imagery;

SCHOOL OF COMMUNICATION

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.

EDUC 435/436	<i>Secondary Curriculum / Practicum</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
TOTAL HOURS: 129 hours minimum; at least 53 hours must be 300-400 level.		

Programs of Study		
Visual Communication Arts (B.S.) (45 hrs)		
<i>Core Courses (15 hrs)</i>		
VCAR 113	<i>Introduction to Design</i>	3
VCAR 201	<i>History of Art</i>	3
VCAR 210	<i>Drawing I</i>	3
VCAR 222	<i>Desktop Publishing</i>	3
VCAR 300	<i>Art as Communication</i>	3
Concentration: Graphic Design or Studio Art (30 hrs)		
TOTAL HOURS: 120 hours minimum; at least 36 hours must be 300-400 level.		

Minors		
Communications Studies Minors		
Advertising/Public Relations Specialization (15 hrs)		
COMS 220	<i>Mass Communication Writing</i>	3
COMS 234	<i>Copy Editing</i>	3
COMS 307	<i>Principles of Ad & PR</i>	3
Select either Advertising Track or Public Relations Track:		
Advertising Track		
COMS 346	<i>Advertising Copywriting & Design</i>	3
COMS 356	<i>Direct Marketing Communication</i>	3
Public Relations Track		
COMS 357	<i>Public Relations Writing</i>	3
COMS 367	<i>Public Relations Strategies</i>	3

Graphic Design Concentration (30 hrs)		
VCAR 223	<i>Typography</i>	3
VCAR 332	<i>Digital Illustration</i>	3
VCAR 341	<i>Graphic Design</i>	3
VCAR 351	<i>Digital Imaging</i>	3
VCAR 371	<i>Advanced Graphics</i>	3
VCAR 472	<i>Interactive Media</i>	3
VCAR 473	<i>2D/3D Graphics and Animation</i>	3
VCAR 492	<i>Professional Practices</i>	3
VCAR 499	<i>Internship</i>	3
VCAR	<i>Upper-level Elective</i>	3

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

Studio Art Concentration (30 hrs)		
VCAR 310	<i>Drawing 2</i>	3
VCAR 320	<i>Painting 1</i>	3
VCAR 330	<i>Sculpture 1</i>	3
VCAR 361	<i>Digital Photography</i>	3
VCAR 420	<i>Painting 2</i>	3
VCAR 430	<i>Sculpture 2</i>	3
VCAR 492	<i>Professional Practices</i>	3
VCAR 499	<i>Internship</i>	3
VCAR	<i>Upper-level Electives</i>	6

Communications Studies Minors		
Journalism Specialization (18 hrs)		
COMS 220	<i>Mass Communication Writing</i>	3
COMS 234	<i>Copy Editing</i>	3
COMS 354	<i>News Writing</i>	3
Choose one course (3 hrs) from the following:		
VCAR 222	<i>Desktop Publishing</i>	
COMS 223	<i>Audio/Video Basics</i>	
Choose two courses (6 hrs) from the following:		
VCAR 340	<i>Publication Design</i>	
COMS 374	<i>Magazine Writing</i>	
COMS 473	<i>TV News Production</i>	
COMS 485	<i>Investigative Reporting</i>	
COMS 399	<i>Ad Team</i>	

Teacher Licensure Requirements		
Endorsement: Studio Art		
<i>Visual Communication Arts Core Courses (15 hrs)</i>		
<i>Studio Art Specialization (30 hrs)</i>		
VCAR 310	<i>Drawing 2</i>	3
VCAR 320	<i>Painting 1</i>	3
VCAR 330	<i>Sculpture 1</i>	3
VCAR 361	<i>Digital Photography</i>	3
VCAR 420	<i>Painting 2</i>	3
VCAR 430	<i>Sculpture 2</i>	3
VCAR 492	<i>Professional Practices</i>	3
VCAR 497	<i>Special Topics: Arts and Crafts</i>	3
VCAR Electives	<i>(upper level)</i>	6
Teacher Licensure Requirements (27 hrs)		
EDUC 125/126	<i>Introduction to Education / Practicum</i>	1/1
EDUC 221	<i>Current Area Reading: Differentiated Teaching and Learning (Secondary)</i>	2
EDUC 235/236	<i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3

Communications Studies Minors		
Speech Specialization (15 hrs)		
COMS 210	<i>Communication Perspectives</i>	3
Any four (4) from the following courses:		
COMS 315	<i>Oral Interpretation</i>	3
COMS 325	<i>Interpersonal Communication</i>	3
COMS 330	<i>Small Group Communication</i>	3
COMS 335	<i>Argumentation</i>	3
COMS 345	<i>Persuasion</i>	3
COMS 355	<i>Organizational Communication</i>	3
COMS 455	<i>Communication Theory</i>	3
COMS 465	<i>Rhetorical Theory</i>	3
COMS 475	<i>Criticism of Public Address</i>	3

Visual Communication Arts Minors		
Graphic Design Minor (18 hrs)		
VCAR 113	<i>Introduction to Design</i>	3
VCAR 222	<i>Desktop Publishing</i>	3
VCAR 332	<i>Digital Illustration</i>	3

VCAR 341	<i>Graphic Design</i>	3
VCAR 351	<i>Digital Imaging</i>	3
VCAR 371	<i>Advanced Graphics</i>	3

Visual Communication Arts Minors		
Photography Minor (18 hrs)		
VCAR 113	<i>Introduction to Design</i>	3
VCAR 301	<i>Basic Photography</i>	3
VCAR 351	<i>Digital Imaging</i>	3
VCAR 361	<i>Digital Photography</i>	3
VCAR 461	<i>Advanced Digital Photography</i>	3
VCAR 497	<i>Special Topics: Advanced Photography</i>	3

Visual Communication Arts Minors		
Studio Art Minor* (18 hrs)		
VCAR 113	<i>Introduction to Design</i>	3
Choose one of the following cognates:		6
Drawing:	VCAR 210 and 310	
Painting:	VCAR 320 and 420	
Sculpture:	VCAR 330 and 430	
Photography:	VCAR 361 and 461	
VCAR Electives		9
(Students may choose a second cognate to fulfill 9 hours)		
* C or above required in prerequisite courses		

English and Modern Languages

Karen S. Prior, B.A., M.A., Ph.D.

*Chair, Department of English and Modern Languages
Associate Professor of English*

FACULTY

Professor

Ayres, Gribbin, McClelland, Schmidt, Towles, D., Woodard

Associate Professor

Adu-Gyamfi, Brinkley, Curtis, DeLong, J., Foley, C.,
Hähnlen, Harris, Heady, Müller, Nutter, J., Prior, Rowlette, K.

Assistant Professor

Davis, M., Hamilton, Kim, J., Towles, C., Towles, M.

Instructor

Bell, S., Cooper, C., Gaumer, Gottsleben, Grant, Powell,
Simpson, S.

Lecturer

Blankenship, Coates, Fedele, Hammersmith, Schimmels,
Tweedy

PURPOSE

The Department of English and 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.

English Major (B.A.)

PROGRAM LEARNING OUTCOMES

Students 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; and
6. Argue, dialogue, and collaborate with others in a manner appropriate to the field of English.

Spanish Major (B.A.)

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Communicate effectively and converse fluently with native speakers.
2. Identify and correct grammatical errors in written texts.
3. Read aloud with a good accent, and answer content questions on, a variety of literary, historical, and cultural texts.
4. Identify and describe various components of Hispanic culture and civilization.

Teaching English as a Second/Foreign Language Major (B.A.)

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Identify and explain the primary linguistic features of the English language.
2. Apply syntactic and phonological theories to the analysis of European languages such as French, Spanish, and German.
3. Demonstrate general knowledge of the syntax and phonology of the major languages of the world.
4. Demonstrate a theoretical and practical understanding of such issues as second language acquisition, teaching methods and materials in TES/FL, error analysis, and placement testing.
5. Identify, explain, and provide solutions to various cross-cultural and cross-linguistic problems involved in oral and written communication.

SIGMA TAU DELTA ENGLISH HONOR SOCIETY

Advisor: Mrs. Carolyn Towles

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; a GPA of 3.25.

SIGMA DELTA PI SPANISH HONOR SOCIETY

Advisor: Mr. James Grant

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

English and Modern Languages

Business	Professions
Civil Services	Second-language instruction
Graduate school	Teaching
Ministry	Translation
Law	Writing

Combined Skills

(English and Communication Studies)

Acting	Researcher
Corporate Communications	Social Work
Lobbyist	Tutor

Programs of Study

English Major (B.A.) (39 hrs)

+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, 382, 443, 463	3
ENGL	Genre: 311, 342, 402, 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

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

TOTAL HOURS: 120 hours minimum; at least 39 hours must be 300-400 level.

English Major (B.A.)

Teacher Licensure Requirements

Endorsement: English (6-12)

Courses in the Major (39 hrs)

+ENGL	200 level Literature	6
ENGL	Author: 403 or 452	3
ENGL	Period: 303, 321, 339, 340, 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>	3
ENGL 433	<i>Literary Criticism</i>	3
ENGL	Upper-level Electives	6

Language (12 hrs) Must be one language

Directed Courses (required) (0-9 hrs)

ENGL 221	<i>World Literature I</i>	3
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HIEU 201	<i>History of Western Civilization I</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
Teacher Licensure Requirements (30 hrs)		
EDUC	<i>Introduction to Education / Practicum</i>	1/1
EDUC 221	<i>Current Area Reading: Differentiated Teaching and Learning (Secondary)</i>	2
EDUC	<i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC	<i>Secondary Curriculum / Practicum</i>	2/1
ENGL 419/420	<i>Methods and Materials in Teaching English / Practicum</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
+ Must be chosen from two different areas (American, English, or World Literature).		
TOTAL HOURS: 138 hours minimum; at least 62 hours must be 300-400 level.		

Spanish Major (B.A.) (33 hrs)

SPAN 201	<i>Intermediate Spanish I</i>	3
SPAN 202	<i>Intermediate Spanish II</i>	3
SPAN 301	<i>Advanced Spanish Conversation and Grammar</i>	3
SPAN 302	<i>Advanced Composition and Conversation – OR</i>	3
SPAN 304	<i>Latin American Civilization/Culture</i>	3
SPAN 321	<i>Modern Spanish Literature – OR</i>	3
SPAN 322	<i>Peninsular Literature – OR</i>	3
SPAN 421	<i>Masterpieces of Spanish Literature</i>	3
SPAN	Electives (300-400 level)	9
*SPAN	<i>Instruction in a Spanish-Speaking Country</i>	6
HIEU	370, 380, 390 – OR	3
HITW	471 or 472	3
LING 213	<i>Introduction to Linguistics</i>	3
LING 305	<i>Syntax and Phonology in European Languages – OR</i>	3
TESL/SPAN 403	<i>Second Language Acquisition</i>	3

*Six (6) hours must be taken through the LU Summer Spanish Institute or an equivalent program involving Spanish instruction in a country where it is the primary language.

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

Spanish Major (B.A.)

Teacher Licensure Requirements

Endorsement: Spanish (PreK-12)

Courses in the Major (33 hrs)

Directed Courses (required) (0-6 hrs)

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
Teacher Licensure Requirements (30 hrs)		
EDUC 125/126	<i>Introduction to Education / Practicum</i>	1/1
EDUC 221	<i>Content Area Reading/ Thinking/ Study Skills (Secondary)</i>	2
EDUC 235/236	<i>Instructional Design: Secondary / Practicum</i>	1/2
EDUC 360	<i>Foundations of Education</i>	2

SCHOOL OF COMMUNICATION

EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435/ 436	<i>Secondary Curriculum Fundamentals / Practicum</i>	2/ 1
TESL/SPAN 419/420	<i>Teaching Modern Languages / Practicum (Fall semester)</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
NOTE: Spanish majors must achieve a minimum of Advanced Low on the Oral Proficiency Interview (OPI) in order to obtain licensure.		
TOTAL HOURS: 120 hours minimum; at least 53 hours must be 300-400 level.		

Teaching English as a Second /Foreign Language Major (B.A.) (39 hrs)		
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>Syntax and Phonology</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
TESL 419/ 420	<i>Methodology and Curriculum in Teaching Modern Languages / Practicum</i>	2/ 1
TESL 499	<i>TES/FL Internship*</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>	
* Teacher Licensure students who complete Student Teaching do not need to take TESL499		
NOTE: Students seeking Teacher Licensure in TES/FL must take licensure courses.		
TOTAL HOURS: 120 hours minimum; at least 42 hours must be 300-400 level.		

Endorsement: Teaching English as a Second /Foreign Language (B.A.) Teacher Licensure Requirements		
Courses in the Major (33 hrs)		
Language (12 hrs) Must be one language		
Directed Courses (required) (0-12 hrs)		
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
HIEU 202	<i>History of Western Civilization II</i>	
PSYC 210	<i>Developmental Psychology</i>	3
Teacher Licensure Requirements (30 hrs)		
EDUC 125/ 126	<i>Introduction to Education / Practicum</i>	1/ 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 360	<i>Foundations of Education</i>	2
EDUC 425	<i>Secondary Measurement and Evaluation</i>	3
EDUC 435 / 436	<i>Secondary Curriculum Fundamentals</i>	2
TESL/SPAN 419/420	<i>Teaching Modern Languages /Practicum (Fall semester)</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
TOTAL HOURS: 132 hours minimum; at least 59 hours must be 300-400 level.		

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

Spanish Minor* (15 hrs)		
SPAN 102	<i>Elementary Spanish II*</i>	3
SPAN 201	<i>Intermediate Spanish I</i>	3
SPAN 202	<i>Intermediate Spanish II</i>	3
SPAN Electives (upper level 300-400)		6
* Those students with prior language study are encouraged to consider CLEP for lower level language credits.		

School of Education

Karen Parker, B.A., M.S., Ed.D.

Dean, School of Education
Professor of Education

Margaret Elizabeth Ackerman, B.S., M.Ed., Ed.D.

Associate Dean, Liberty University Online Programs for the
School of Education
Associate Professor of Education

Michelle Goodwin, B.S., M.Ed., Ed.D.

Assistant Dean for Licensure Programs for the School of
Education
Coordinator, Elementary Education
Associate Professor of Education

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

Assistant 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.

Teacher Education Department

Randall S. Dunn, B.A., M.Ed., Ed.D.

Coordinator, Educational Technology
Assistant Professor of Education

David Holder, B.S., M.Ed., Ph.D.

Coordinator, Secondary Education
Assistant Professor of Education

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

Coordinator, Special Education
Assistant Professor of Education

FACULTY
Professor

Black-McGibbon, Morgan, Pantana, Parker, K.,
Watson

Associate Professor

Ackerman, Boothe, Fink, M., Goodwin, Jones, J.A., Parker,
L., Smith, S.J., Soden

Assistant Professor

Austin, Beam, DeWitt, Dunn, Holder, Keith,
McDonald, Rockinson-Szapkiw, Spaulding

Instructor

Alcindor

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:

1. Demonstrates a broad base of general and professional knowledge;
2. Integrates skills in speaking, writing, reading, and listening for effective classroom communication;
3. Plans effective instruction and selects a variety of strategies based on learner's developmental levels and individual needs;
4. Applies knowledge of content areas and curriculum goals to design appropriate instruction;
5. Models personal integrity and sensitivity to human needs;
6. enhances the success of all learners, providing for special needs and diverse background;
7. Manages classroom climate and procedures to motivate students and maximize learning;
8. Uses a variety of assessment strategies to improve student learning;
9. Selects appropriate technology and resources to support instruction; and
10. Demonstrates behaviors of a reflective practitioner and seeks opportunities for collaboration and professional development.

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
Visual Communication 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***Faculty Sponsors:***

Dr. Shanté Austin and Dr. Connie McDonald

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.

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. Please see Dr. Keith for further information.

LICENSURE

The Teacher Licensure Program is designed to meet licensure requirements of the Commonwealth of Virginia in the student's approved specialization. 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.

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 125/126, 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 125/126, 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 on all three sections of Praxis I (PPST): Reading, Mathematics, and Writing (which includes an essay);
6. Completion of 30-hour practicum (EDUC 125/126) and computer competencies.

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.

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:
3. Current TB test
4. 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);
5. A minimum cumulative GPA of 2.50 (2.80 GPA for external placement);
6. 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);
7. Acceptable scores on the Praxis tests required for Virginia licensure; and
8. Graduation checklist submitted indicating all coursework except student teaching is completed.

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 within comfortable driving distances (approximately 50 mile radius) from the campus. A limited number of external placements in accredited Christian 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.

ADMISSION TO STUDENT TEACHING

A student may enroll in student teaching when the following requirements have been met:

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.

PRAXIS TESTS

An important requirement for meeting Teacher Licensure standards in the Commonwealth of Virginia is the successful completion of the required Praxis tests for licensure.

Teacher candidates who fail to successfully complete the required Praxis tests are not eligible to be recommended for the Virginia Collegiate Professional License. Praxis tests must be passed before applying for student teaching. The tests may be repeated, if necessary.

Information regarding minimum score qualifications for the Praxis series may be obtained from the Teacher Licensure Office. In addition, the Licensure Coordinator has the forms and materials which are necessary in order to register for the Praxis series.

Tests are administered several times per year. Liberty is one of the Praxis series testing sites; it is not necessary for testing to be completed at this institution. Computer-based testing can be scheduled by appointment at designated testing centers.

Pass Rates of Program Completers on Virginia Teacher Licensure Assessments in 2007-2008

- 300 hours minimum required for student teaching
- LU program is state-approved and NCATE approved

Type of Assessment	# Taking	# Passing	LU Pass	VA Pass
<i>Aggregate - Basic Skills</i>	126	126	100%	100%
<i>Aggregate - Academic Content Areas</i>	91	91	100%	99%
Summary Totals and Pass Rates	135	135	100%	99%

In accordance with public disclosure requirements for Title II, Section 207(f)

SCHOOL OF EDUCATION

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 www.liberty.edu/education.

Professional Education Requirements for Elementary Licensure (20 + 19 hrs)*

EDUC 125/126	<i>Introduction to Education</i>	1	1
EDUC 220	<i>Differentiated Teaching</i>	2	
EDUC 225/226	<i>Instructional Design</i>	1	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	

*Second column represents field experience credit hours.
^EDUC 322, 324 not required for special education unless seeking dual licensure in elementary.

Professional Education Requirements for: Middle School (22 + 19 hrs)*

EDUC 412	<i>Middle School Curriculum and Instruction</i>	2	
Special Education (24 + 23 hrs)*			
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

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 status sheets of the respective major.

Professional Education Requirements for Secondary Licensure (13 +17 hrs)*

EDUC 125/126	<i>Introduction to Education</i>	1	1
EDUC 221	<i>Content Area Reading</i>	2	
EDUC 235/236	<i>Instructional Design</i>	1	2
EDUC 360	<i>Foundations of Education</i>	2	
EDUC 419/420 or methods course from area of specialization:		2	1

(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 (choral and instrumental), health/physical education, Spanish, special education, teaching English as a second language, and theatre arts. Requirements vary slightly among majors as printed below. Requirement for the various subject matter areas are available on the status sheets of the respective majors.

Professional Education Requirements for Comprehensive Licensure Education Core (Health/ PE, Music, and Teaching English as a Second Language) (6 + 15 hrs*)

EDUC 125/126	<i>Introduction to Education</i>	1	1
EDUC 221	<i>Content Area Reading</i>	2	
EDUC 235/236	<i>Instructional Design</i>	1	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	
Physical Education (15 + 18 hrs*)			
^ 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
Music Vocal or Instrumental (12 + 17 hrs*)			
MUSC 380	<i>Instrumental Overview</i>	2	
<i>or</i>			
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

1. Teacher candidates must have completed all requirements necessary for professional licensure within five years after completion of the undergraduate degree.
2. 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.
3. 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.

PROGRAM LEARNING OUTCOMES

The elementary and special education teacher candidate:

1. Plans effective instruction and selects a variety of strategies based on learner’s developmental levels and individual needs;
2. Applies knowledge of content areas and curriculum goals to design appropriate instruction;
3. Models personal integrity and sensitivity to human needs;
4. Enhances the success of all learners, providing for special needs and diverse background;
5. Manages classroom climate and procedures to motivate students and maximize learning;
6. Uses a variety of assessment strategies to improve student learning;
7. Selects appropriate technology and resources to support instruction; and
8. Demonstrates behaviors of a reflective practitioner and seeks opportunities for collaboration and professional development.

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 includes two concentrations that must be core areas (math, English, social studies, or science) and Education will be the third concentration.
 - b. The Special Education Integrated Studies major includes concentrations in one core area (math, English, social studies, or science) and in Special Education;

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 specialization 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 status sheet, which becomes the student’s contract for graduation and may be modified only upon written request to the program coordinator 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.

Minor Special Education (Non-licensure) (15 hrs)		
EDSP 323, 325	<i>Current Trends in Special Education/Practicum</i>	2 + 1
EDSP 363, 365	<i>Collaboration in Special Education/Practicum</i>	2 + 1
EDSP 413, 415	<i>Inclusive Classrooms/ Practicum</i>	2 + 1
EDSP 473, 475	<i>Transition Planning/ Practicum</i>	2 + 1
PSYC 345	<i>Exceptional Child</i>	3

Sport Management Department

Vicky-Lynn Martin, B.S., M.S., D.S.M.

*Chair, Department of Sport Management
Associate Professor of Sport Management*

FACULTY

*Associate Professor
Martin, V.*

*Assistant Professor
Blosser, Coleman, Zealand*

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.

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.

Sport Management Minor (15 hrs)		
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

Program of Study		
Sport Management Major (B.S.) (36 hrs)		
SMGT 200	<i>Introduction to Sport Management</i>	3
SMGT 201	<i>History of Sport</i>	3
SMGT 205	<i>Practicum</i>	3
SMGT 302	<i>Sport Facilities and Events</i>	3
SMGT 305	<i>Sport Law</i>	3
SMGT 310	<i>Communication in Sport</i>	3
SMGT 312	<i>Sport Ministry</i>	3
SMGT 404	<i>Administration and Organization of Sport</i>	3
SMGT 405	<i>Sport Finance</i>	3
SMGT 406	<i>Issues and Trends in Sport</i>	3
SMGT 410	<i>Sport Marketing</i>	3
SMGT 499	<i>Internship</i>	3
Directed Courses (required) (7 hrs.)		
Choose two courses (6 hrs) from the following:		
SMGT 300	<i>Intro 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 Psychology</i>	
SMGT 497	<i>Special Topics in Sport Management</i>	
Choose one course (1 hr) from the following:		
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>	

Minors		
Coaching Minor (17 hrs)		
SMGT 300	<i>Introduction to Coaching</i>	3
SMGT 304	<i>Coaching Football</i>	3
<i>or</i>		
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 Psychology</i>	3

School of Engineering and Computational Sciences

Ronald Sones, B.S., M.A., M.B.A., Ph.D.

Dean, School of Engineering and Computational Sciences
Professor of Engineering

John Vadnal, B.S., M.S., Ph.D.

Associate Dean, School of Engineering and Computational Sciences
Assistant Professor of Engineering

FACULTY

Professor

Lewis, E., Sones

Associate Professor

Jeyaraj, Jones, J.D., Metzgar, Pettiford, Tucker, Westfall

Assistant Professor

Bae, Bolt, Buck, Donahoo, Maiuzzo, Rich,

Rowlette, E.A., Shaneck, Vadnal, Wang, D., Zaffke

Instructor

Holt, Pettit

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 seven degrees and three minors that provide students with the skills, knowledge, and understanding of information technology necessary for impacting tomorrow's socio-technological culture. Additionally, the School oversees the University's Information Technology/computer assessment program. This program assesses basic technology skills of new students and provides an academic curriculum for students who need additional skills and knowledge.

Information Technology

PURPOSE

The purpose of the Information Technology curriculum is to provide foundational studies in technological competencies. A student's computer competency must be demonstrated prior to the start of a student's program. Transfer students must complete this requirement prior to the start of their first year at the University. The assessed competencies are in the following areas:

E-mail	Spreadsheets
Operating Systems	Word Processing
Presentations	

Students may meet these competencies in one of two ways:

1. Passing the Computer Competency Assessment
2. Taking INFT 110

INFORMATION TECHNOLOGY

LEARNING OUTCOMES

Students will demonstrate basic competency in computer literacy, specifically in the areas of operating systems, word processing, spreadsheets, email and presentation software.

Engineering Programs

Computer Engineering (B.S.)

PURPOSE

Liberty University's 132-hour Bachelor of Science program in Computer Engineering requires students to take 52 hours of coursework in engineering, and another 44 hours in math and science in addition to the general education requirements. Within the major requirements student will complete a Senior Capstone Project as well as a Directed Research project.

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 LEARNING OUTCOMES

Students will be able to:

1. Demonstrate a strong theoretical and practical background in computer hardware and the software aspects of computer-based systems, along with the engineering analysis, design, and implementation skills necessary for employment, graduate studies, and life-long learning.
2. Apply computer engineering principles and modern computer engineering techniques, tools, and practices to solve engineering problems, address the technological challenges of the future based on a solid foundation in circuits, systems and computer hardware and software, and create and apply technologies to meet the needs of society.
3. Develop skills for working in teams and communicating technical information effectively in both oral and written forms.
4. Display the Christian principles that are the basis for their professional ethics and behavior.

Program of Study		
Computer Engineering (B.S.) (52 – 57 hrs)		
ENGR 110	<i>Introduction to Engineering and Problem Solving</i>	3
ENGE 201	<i>Introduction to Logic Design</i>	3
ENGE 211	<i>Introduction to Electrical Circuits</i>	4
ENGE 212	<i>AC Circuits Analysis</i>	4
ENGI 220	<i>Engineering Economy</i>	3
CSCI 111	<i>Introduction to Programming</i>	3
CSCI 112	<i>Advanced Programming</i>	3
ENGE 321	<i>Electronics</i>	4
ENGE 341	<i>Communications Systems</i>	3
ENGE 361	<i>Computer Architecture</i>	3
ENGR 381	<i>Engineering Design Introduction</i>	3
ENGE 465	<i>Introduction to Computer Networks</i>	3
ENGC 301	<i>Introduction to Microprocessors</i>	3
ENGC 401	<i>Micro Computer Design</i>	3
ENGC 481	<i>Computer Engineering Design I</i>	3
ENGC 482	<i>Computer Engineering Design II</i>	3
ENGC 495	<i>Directed Research</i>	1-6
TOTAL HOURS: 132 hours minimum; at least 35 hours must be 300-400 level		

Electrical Engineering (B.S.)

PURPOSE

Liberty University's 133-hour Bachelor of Science program in Electrical Engineering requires students to take 56 hours of coursework in engineering, and another 41 hours in math and science in addition to the general education requirements. Within the major requirements student will complete a Senior Capstone Project as well as a Directed Research project.

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 LEARNING OUTCOMES

Students will be able to:

1. Demonstrate a solid foundation in engineering, mathematics, the sciences, and experimental practice as well as modern engineering methods necessary for employment, graduate studies, and life-long learning.
2. Apply electrical engineering principles and modern electrical engineering techniques, tools, and practices to solve engineering problems, address the technological challenges of the future based on a solid foundation in circuits, systems, electromagnetics and devices, and create and apply technologies to meet the needs of society.
3. Develop skills for working in teams and communicating technical information effectively in both oral and written forms.
4. Display the Christian principles that are the basis for their professional ethics and behavior.

Program of Study		
Electrical Engineering (B.S.) (53-58 hrs)		
CSCI 111	<i>Introduction to Programming</i>	3
ENGR 110	<i>Introduction to Engineering and Problem Solving</i>	3
ENGE 201	<i>Introduction to Logic Design</i>	3
ENGE 211	<i>Introduction to Electrical Circuits</i>	4
ENGE 212	<i>AC Circuit Analysis</i>	4
ENGI 220	<i>Engineering Economy</i>	3
ENGE 311	<i>Signals and Systems</i>	3
ENGE 321	<i>Electronics</i>	4
ENGE 331	<i>Electromagnetic Fields</i>	4
ENGE 341	<i>Communication Systems</i>	3
ENGE 361	<i>Computer Architecture</i>	3
ENGR 381	<i>Engineering Design Introduction</i>	3
ENGE 351	<i>Power Systems – OR</i>	3
ENGE 431	<i>Electromagnetic Compatibility – OR</i>	
ENGE 465	<i>Introduction to Computer Networks</i>	
ENGE 421	<i>Advanced Electronics</i>	3
ENGE 481	<i>Electrical Engineering Design I</i>	3
ENGE 482	<i>Electrical Engineering Design II</i>	3
ENGE 495	<i>Directed Research</i>	1-6
TOTAL HOURS: 133 hours minimum; at least 39 hours must be 300-400 level		

Electrical Engineering (B.S.)		
Specialization in Intelligence (12 hrs)		
GOVT 380	<i>Introduction to Intelligence</i>	3
GOVT 381	<i>Intelligence Analysis</i>	3
GOVT 480	<i>Terrorism</i>	3

GOVT 483	<i>Military Intelligence – OR</i>	3
GOVT 484	<i>Strategic Intelligence</i>	
TOTAL HOURS: 136 hours minimum; at least 51 hours must be 300-400 level		

Industrial and Systems Engineering (B.S.)

PURPOSE

Liberty University's 132-hour Bachelor of Science program in Industrial and Systems Engineering requires students to take 58 hours of coursework in engineering, and another 38 hours in math and science in addition to the general education requirements. Within the major requirements students will complete a Senior Capstone Project as well as a Directed Research project.

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 LEARNING OUTCOMES

Students will be able to:

1. Demonstrate an understanding of Industrial Engineering techniques both practical and theoretical in production planning and control, production and process design, and optimization necessary for employment, graduate study and life-long learning.
2. Use appropriate computer-based techniques and quantitative principles and procedures in the development and implementation of industrial engineering planning and control programs.
3. Develop skills in team-work, communicating technical information and directions both orally and in written form.
4. Display the Christian principles that will be the foundation of their professional ethics and behavior.

Program of Study		
Industrial & Systems Engineering (B.S.) (52-57 hrs)		
ENGR 110	<i>Intro to Engineering & 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 & Modeling</i>	3
ENGI 330	<i>Facilities Design</i>	3
ENGI 340	<i>Intro to Operations Research: Deterministic Models</i>	3
ENGI 350	<i>Intro to Operations Research: Probabilistic Models</i>	3
ENGI 360	<i>Engineering Information Systems</i>	3
ENGR 370	<i>Quality Assurance</i>	3
ENGR 377	<i>Engineering Ethical and Legal Issues</i>	3
ENGR 381	<i>Intro to Engineering Design</i>	3
ENGI 430	<i>Decision Analysis</i>	3
ENGI 450	<i>Human Factors & Ergonomics</i>	3
ENGI 460	<i>Digital Simulation</i>	3
ENGI 481	<i>Engineering Design I</i>	3
ENGI 482	<i>Engineering Design II</i>	3
ENGI 495	<i>Directed Research</i>	1-6
TOTAL HOURS: 132 hours minimum; at least 49 hours must be 300-400 level		

Software Engineering (B.S.)

PURPOSE

Liberty University’s 132-hour Bachelor of Science program in Software Engineering requires students to take 55 hours of coursework in engineering, and another 41 hours in math and science in addition to the general education requirements. Within the major requirements student will complete a Senior Capstone Project as well as a Directed Research project.

The software engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence computing and engineering-related industries in the current and evolving economy. Students are exposed to a breadth of computer science and engineering studies at an appropriate depth to prepare them to develop and maintain large, complex software applications and executive software systems.

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Demonstrate a sound understanding of the theoretical and mathematical fundamentals of engineering and computer science necessary for employment, graduate studies, and life-long learning.
2. Apply engineering principles and practices to identify and document requirements, develop designs, as well as implement and validate solutions for large-scale, long-term software projects.
3. Develop skills for working in teams on software development projects and communicating technical information effectively in both oral and written forms.
4. Display the Christian principles that are the basis for their professional ethics and behavior.

Program of Study		
Software Engineering (B.S.) (52-57 hrs)		
CSCI 110	<i>Computing Foundations & Ethics</i>	3
CSCI 111	<i>Introduction to Programming</i>	3
CSCI 112	<i>Advanced Programming</i>	3
CSCI 215	<i>Algorithms and Data Structures</i>	3
ENGI 220	<i>Engineering Economy</i>	3
ENGS 205	<i>Professionalism in the Software Life Cycle</i>	3
ENGS 361	<i>Software Requirements Analysis</i>	3
ENGS 362	<i>Software Design & Architecture</i>	3
ENGS 363	<i>Software Testing & Quality Assurance</i>	3
ENGS 375	<i>Introduction to Human Computer Interaction</i>	3
ENGS 405	<i>Secure Software Engineering</i>	3
CSCI 434	<i>Theory of Programming Languages</i>	3
ENGS 481	<i>Senior Capstone Project I</i>	3
ENGS 482	<i>Senior Capstone Project II</i>	3
ENGS 495	<i>Directed Research</i>	1-6
Choose three courses (9 hrs) from the following:		
CSCI 325	<i>Database Management Systems</i>	
CSCI 342	<i>Computer Architecture and Organization</i>	
CSCI 355	<i>Computer Network Architecture & Programming</i>	
CSCI 443	<i>Operating Systems</i>	
TOTAL HOURS: 132 hours minimum; at least 40 hours must be 300-400 level		

Software Engineering (B.S.)		
Specialization in Intelligence (12 hrs)		
GOVT 380	<i>Introduction to Intelligence</i>	3
GOVT 381	<i>Intelligence Analysis</i>	3
GOVT 480	<i>Terrorism</i>	3

GOVT 483	<i>Military Intelligence – OR</i>	3
GOVT 484	<i>Strategic Intelligence</i>	
TOTAL HOURS: 135 hours minimum; at least 52 hours must be 300-400 level		

Computer Science (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.

The long-term vision is to create and maintain a nationally recognized computer science degree so that our graduates can have the greatest impact on tomorrow’s world for the kingdom of Christ.

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Demonstrate a sound understanding of the theoretical and mathematical fundamentals of computer science necessary for employment, graduate studies, and life-long learning.
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. Develop skills for working in teams and communicating technical information effectively in both oral and written forms.
4. 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
- Computer Engineers
- Computer Programmers
- Database Administrators
- Operations Research
- Systems Analysts
- Computer Support Specialists
- Teaching in Private Schools & Public Schools

Programs of Study		
Computer Science Major (B.S.) (45 hrs)		
CSCI 110	<i>Computing Foundations/Ethics</i>	3
CSCI 111	<i>Introduction to Programming</i>	3
CSCI 112	<i>Advanced Programming</i>	3
CSCI 215	<i>Algorithms & Data Structures</i>	3
CSCI 325	<i>Database Management Systems</i>	3

CSCI 342	<i>Computer Architecture and Organization</i>	3
CSCI 355	<i>Computer Network Architecture/ Programming</i>	3
CSCI 434	<i>Theory of Programming Languages</i>	3
CSCI 443	<i>Operating Systems</i>	3
CSCI 465	<i>Technical Aspects of Information Security</i> – OR	3
CSCI 466	<i>Modern Cryptography</i>	
CSCI 481	<i>Software Engineering</i>	3
CSCI 482	<i>Applied Software Engineering</i>	3
CSCI	(any CSCI)	3
CSCI	(Upper level)	3
CSCI	CSCI 300/400 – OR	3
ENGS	ENGS 300/400	
TOTAL HOURS: 127 hours minimum; at least 36 hours must be 300-400 level		

Teacher Licensure Requirements		
Endorsement: Computer Science (6-12)		
<i>Courses in the Major (45 hrs)</i>		
Teacher Licensure Requirements (30 hrs)		
EDUC	<i>Introduction to Education /Practicum</i>	1/
	125/126	1
EDUC 221	<i>Content Area Reading and Differentiated Teaching and Learning (Secondary)</i>	2
EDUC	<i>Instructional Design: Secondary</i>	1/
	235/236 /Practicum	2
EDUC 360	<i>Foundations of Education</i>	2
EDUC	<i>Secondary Teaching Methods /Practicum</i>	2/
	419/420	1
EDUC 425	<i>Secondary Measurement and Evaluation</i>	2
EDUC	<i>Secondary Curriculum /Practicum</i>	2/
	435/436	1
EDUC 475	<i>Seminar in Classroom</i>	2
EDUC 476	<i>Student Teaching I</i>	5
EDUC 477	<i>Student Teaching II</i>	5
TOTAL HOURS: 153 hours minimum; at least 59 hours must be 300-400 level		

Information Systems (B.S.)

PURPOSE

The Information Systems (ISYS) discipline provides students with an applied knowledge of technology, focusing on the information side of the information technology industry. The ISYS 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 ISYS 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

Students will be able to:

1. Demonstrate a sound understanding of the fundamental principles and practices of information systems necessary for employment, graduate studies, and life-long learning.
2. Apply information system principles and practices to identify and document requirements, develop designs, implement and validate solutions, as well as operate and manage computing systems of varying levels of complexity.
3. Develop skills for working in teams and communicating technical information effectively in both oral and written forms.

4. Display the Christian principles that are the basis for their professional ethics and behavior.

Career Opportunities

- Computer Support Specialists
- Network and Computer Systems Administrators
- Database Administrators
- Computer Systems Analysts
- Network Systems and Data Communications Analysts
- Teaching in Private Schools & Public Schools

Program of Study

Information Systems Major (B.S.) (60 hrs)

ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 320	<i>Corporate Finance</i>	3
ISYS 211	<i>Application Programming</i>	3
ISYS 212	<i>Object-Oriented Programming</i>	3
ISYS 220	<i>Enterprise Data Analysis I</i>	3
ISYS 310	<i>Web Architecture and Development</i>	3
ISYS 312	<i>Advanced Object-Oriented Programming</i>	3
ISYS 320	<i>IS Hardware and Software</i>	3
ISYS 325	<i>Database Management Systems</i>	3
ISYS 330	<i>Business Data Communication Systems</i>	3
ISYS 351	<i>System Analysis and Design</i>	3
ISYS 460	<i>IS Project Management</i>	3
ENGI 220	<i>Engineering Economy</i>	3
MATH 250	<i>Intro to Discrete Mathematics</i>	3
ISYS/CSCI	Choose any 200 level or above course	3
ENGI/ENGS		
ISYS	Choose any 300/400 level ISYS courses	6
TOTAL HOURS: 124 hours minimum; at least 36 hours must be 300-400 level		

Web Technology and Design (B.S.)

PURPOSE

The Web Technology and Design 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 and web-related disciplines in tomorrow's world.

In many schools, artistically-talented technology students and technologically-talented graphic design students are forced to choose a major between two strong interests. The Web Technology and Design major uniquely blends these disciplines, thus allowing students who are interested in both art and computing technology to use their talents in one of the fastest growing areas of technology. With the explosion of Internet technologies is an accompanying demand for web 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.

The long-term vision is to create and maintain a nationally recognized degree so that our Christ-centered graduates can have the greatest impact on tomorrow's world.

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Acquire and demonstrate skills in current programming and web markup languages;
2. Demonstrate advanced skills in graphic design application software;

3. Demonstrate an understanding of data structure and algorithm topics, including resource requirements and performance considerations, as the basis for solving typical computational problems;
4. Demonstrate an understanding of basic database concepts, including various data models, organizational methods, and implementation considerations, and access languages;
5. Demonstrate an understanding of software development process as applied in the creation of large web-based software systems;
6. Analyze and solve web-based problems by applying learned concepts and choosing appropriate tools and implementations;
7. Describe fundamental concepts of data communications and network design;
8. Design web solutions using effective user interaction principles, including user-centered designs, guidelines and evaluation when designing web software products;
9. Demonstrate the ability to communicate effectively in an organizational setting and to work ethically, professionally, and in a team environment; and
10. Describe the principles, practices and tools for developing and managing e-commerce projects, including an IT security plan and the roles and responsibilities of a CIO.

TOTAL HOURS: 126 hours minimum; at least 45 hours must be 300-400 level

Minors		
Computer Science Minor (21 hrs)		
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

Enterprise Data Analysis Minor (15 hrs)		
ISYS 220	<i>Enterprise Data Analysis I</i>	3
ISYS 300	<i>Enterprise Forecasting</i>	3
ISYS 305	<i>Data Analysis Methods and Modeling</i>	3
ISYS 400	<i>Operation Research in the Enterprise</i>	3
ISYS 420	<i>Advanced Data Analysis Methods and Modeling</i>	3

Information Systems Minor (18 hrs)		
ISYS 110	<i>Computing Foundations and Ethics</i>	3
ISYS 211	<i>Application Programming</i>	3
ISYS 212	<i>Object-Oriented Programming</i>	3
ISYS 220	<i>Enterprise Data Analysis</i>	3
ISYS 325	<i>Database Management Systems</i>	3
ISYS 351	<i>Systems Analysis and Design</i>	3

Career Opportunities

Web Programmers	Database Administrators
Web Engineers	Network Administrators
Graphic Designers	Systems Administrators
Design Support Specialists	Data Processing Managers
Software Developers	Software Trainers and
Software Project Managers	Support Specialists

Program of Study

Web Technology and Design (B.S.) (63 hrs)

CSCI 111	<i>Introduction to Programming</i>	3
CSCI 112	<i>Advanced Programming</i>	3
ISYS 212	<i>Object-Oriented Programming</i>	3
CSCI 215	<i>Algorithms and Data Structures</i>	3
ISYS 310	<i>Web Architecture and Development</i>	3
ISYS 410	<i>Web Enterprise Technologies – OR</i>	3
ISYS 430	<i>Advanced Networking and Communication Systems – OR</i>	
ISYS 312	<i>Advanced Object-Oriented Programming</i>	
CSCI 340	<i>Studies in Information Security</i>	3
CSCI 355	<i>Computer Network Architecture and Programming</i>	3
CSCI 345	<i>Introduction to Unix</i>	3
ENGS 375	<i>Introduction to Human Computer Interaction</i>	3
ISYS 351	<i>System Analysis and Design</i>	3
CSCI 325	<i>Database Management Systems</i>	3
ISYS 470	<i>Executive Perspectives on E-Commerce Technology</i>	3
MATH 250	<i>Introduction to Discrete Mathematics</i>	3
ISYS/CSCI /ENGS	Choose from any 300/400 level course	3
Directed Courses: Graphic Design (18 hrs) required		
VCAR 222	<i>Desktop Publishing</i>	3
VCAR 332	<i>Digital Illustration</i>	3
VCAR 341	<i>Graphic Design</i>	3
VCAR 351	<i>Digital Imaging</i>	3
VCAR 371	<i>Advanced Graphics</i>	3
* VCAR 4__	Choose from VCAR 472, 473, or 497 (When taught as 3D Graphics)	3

Helms School of Government

George E. Buzzy, B.B.A., J.D.

*Dean, Helms School of Government
Associate Professor of Government*

Stephen M. Parke, B.S., J.D., LL.M.

*Associate Dean, Helms School of Government
Assistant Professor of Criminal Justice*

FACULTY

Professor

Bowers, Murphy, Samson

Associate Professor

Buzzy, Metallo, Witham

Assistant Professor

Ferdon, Parke, Rickert, M., Rickert, P.

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 specializations in International Relations, Politics and Policy, International Politics and Policy, Strategic and Intelligence Studies and Western Legal Traditions. 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.

INTERNSHIPS

Knowledge becomes wisdom when a student takes the theory of the classroom and evaluates 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 the School of Communications. 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. Detailed information is available on the website at www.liberty.edu/academics/helmsschoolofgovernment/prelawstudies.

Career Opportunities

Criminal Justice

- | | |
|---|--------------------------|
| Criminologist | Insurance Investigator |
| Customs Service Inspector | Police Officer |
| Customs Special Agent | Deputy Sheriff (County) |
| Detective | State Police |
| Federal Agent (various:
CIA, DEA, FBI,
U.S. Marshals,
Secret Service, etc) | Parole/Probation Officer |
| | Prosecutor's Office |
| | Investigator |
| | Military Service |

Fraud Investigator

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

- | | |
|---------------------|----------------------|
| Attorney | Politician |
| Judge | Public Administrator |
| Legislation Analyst | Federal
Agent |

PROGRAM LEARNING OUTCOMES

The Helms School of Government anticipates that students successfully completing its programs of study will be equipped with the following learning outcomes and consequently prepared to enter into professions associated with government, international relations, and criminal justice. Students should be able to accomplish the following with their various fields of study:

1. Integrate knowledge of the biblical worldview in all areas of life.
2. Communicate effectively and persuasively in both written and oral formats.
3. Employ critical thinking skills, appropriate analytical research methodologies and develop a scholarly competence in primary and secondary resources.
4. Demonstrate competence in engaging policy problems, political dilemmas, and complex societal concerns.
5. Apply problem-solving techniques given various scenarios, policy options, and work-related dilemmas.
6. Exhibit ethical deportment, servant-leadership, and statesmanship commensurate with legal and civil-service professions.

Criminal Justice Major

LEARNING OUTCOMES

Students will be able to:

1. Demonstrate understanding of the basis for, and the criminal justice system's response to, different types of crimes, i.e., crimes against persons, property, government, and public morals;

2. Demonstrate understanding of the unique characteristics that differentiate substantive and procedural criminal law, as well as the interplay between those laws;
3. Demonstrate understanding of the constitutional, procedural and organizational differences of the federal criminal justice system and representative state systems, including the synergy between the two systems; and
4. Demonstrate understanding of the history, structure and content of the United States Constitution, as it applies to criminal justice, including arrest, search and seizure, interrogation, right to counsel, and trial and punishment.

Government Major

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Demonstrate understanding of a philosophy of limited constitutional government, including an originalist view of the American Constitution;
2. Demonstrate understanding of the importance of a philosophy of free market processes in society (as opposed to “excessive political intervention”);
3. Demonstrate understanding of a “non-revisionist” history of the “founding era” the constitutional era, and the early period of the U.S; and
4. Demonstrate understanding of the intellectual/philosophical forces which have brought America to the present.

International Relations Major

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Demonstrate understanding of the intellectual/philosophical forces which have shaped the modern world at home and abroad;
2. Demonstrate understanding of the political history, social background, culture, and geographic basis for current American international relationships.

Politics and Policy Specialization

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Demonstrate critical thinking and evaluative skills in both 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.

Strategic and Intelligence Studies Specialization

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Demonstrate an understanding of the structures, functions, capabilities, and activities in the intelligence community and an understanding of the intelligence cycle, including planning, collection, data exploitation, analysis, production, and dissemination phases
2. Demonstrate an understanding of the strategic and intelligence considerations when dealing with politics, technology, public safety, economics and military policy.
3. Demonstrate critical thinking and evaluative skills in research and analyses on issues critical to intelligence consumers.

Western Legal Traditions Specialization

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Recognize and apply major fundamental concepts of western legal traditions
2. Demonstrate critical thinking skills and argumentative analysis skills
3. Demonstrate proficiency in research and scholarly writing on legal topics; and
4. Demonstrate preparation for the study of law and legal profession careers.

DEGREE COMPLETION PLANS (DCP)

Degree Completion Plans for degree programs offered by the Helms School of Government can be found online at: <https://www.liberty.edu/index.cfm?PID=19207> (login required).

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>.

Programs of Study		
Criminal Justice Major (B.S.) (48-56 hrs)		
Major Core (36 hrs)		
CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 230	<i>Criminal Justice Research & 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
Directed Courses (required)		12-20 hrs
TOTAL HOURS: 120 hours minimum required; at least 30 hours must be 300-400 level.		

Government Major (B.A.)		
International Relations Specialization (45 hrs)		
Major Core (21 hrs)		
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
Specialization (24 hrs)		
GOVT 330	<i>Introduction to Comparative Politics</i>	3
GOVT 440	<i>Political Geography</i>	3
GOVT 445	<i>International Law</i>	3
Electives ¹	Upper level	15
¹ Students may choose upper level electives from any of the following: GOVT, HIST, FREN 304 and/or SPAN 304		
TOTAL HOURS: 120 hours minimum required; at least 45 hours must be 300-400 level.		

Government Major (B.A.) Politics and Policy Specialization (45 hrs)	
Major Core (21 hrs)	
GOVT 210	<i>Intro 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
Specialization (24 hrs)	
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 /Institution</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
TOTAL HOURS: 120 hours minimum required; at least 45 hours must be 300-400 level.	

Government Major (B.A.) Western Legal Traditions Specialization (45 hrs)	
Major Core (21 hrs)	
GOVT 210	<i>Intro 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
Specialization (24 hrs)	
CJUS 400	<i>Criminal Law</i> 3
GOVT 346	<i>Legal Research and Writing</i> 3
GOVT 421	<i>American Constitutional Development</i> 3
GOVT 422	<i>American Constitutional Law</i> 3
GOVT 477	<i>Trial Advocacy – OR</i> 3
GOVT 478	<i>Appellate Advocacy – OR</i> 3
COMS 335	<i>Argumentation and Debate</i> 3
PHIL 210	<i>Logic</i> 3
GOVT/CJUS	Electives (upper level) 6
TOTAL HOURS: 120 hours minimum required; at least 42 hours must be 300-400 level.	

Government Major (B.S.) Politics and Policy Specialization (45 hrs)	
Major Core (18 hrs)	
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 Development</i> 3
GOVT 425	<i>American Foreign Policy</i> 3
GOVT 490	<i>Political Theory</i> 3
Specialization (27 hrs)	
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 /Institution</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) 9
TOTAL HOURS: 120 hours minimum required; at least 42 hours must be 300-400 level.	

Government Major (B.S.) Western Legal Traditions Specialization (45 hrs)	
Major Core (18 hrs)	
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 Development</i> 3
GOVT 425	<i>American Foreign Policy</i> 3
GOVT 490	<i>Political Theory</i> 3
Specialization (27 hrs)	
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> 3
GOVT 478	<i>Appellate Advocacy – OR</i> 3
COMS 335	<i>Argumentation and Debate</i> 3
PHIL 210	<i>Logic</i> 3
GOVT/CJUS	Electives (upper level) 9
TOTAL HOURS: 120 hours minimum required; at least 39 hours must be 300-400 level.	

International Relations Major (B.A.) International Politics & Policy Specialization (45 hrs)	
Major Core (24 hrs)	
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
Specialization (21 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 ¹	(upper level) 9
¹ Student will choose are study courses in GOVT, HIEU, HITW or LANG for Latin America, Europe, Middle East and North Africa, or Asia.	
TOTAL HOURS: 120 hours minimum required; at least 45 hours must be 300-400 level.	

International Relations Major (B.A.) Strategic and Intelligence Studies Specialization (45 hrs)	
Major Core (24 hrs)	
GOVT 210	<i>Intro 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
Specialization (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 ¹	Electives 6
¹ Select from GOVT 385, 386, 485, or 486	

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

ASSOCIATE OF ARTS DEGREE

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 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 45 hours in 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.

Programs of Study

Criminal Justice (A.A.) (18 hrs)

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

TOTAL HOURS: 64 hours minimum required.

Government (A.A.) 18 hrs)

GOVT 220	<i>American Government</i>	3
GOVT 350	<i>Political Economy and Public Policy</i>	3
GOVT ¹	Electives (300-400 level)	12

¹ GOVT 421, 425 or 490 are strongly recommended

TOTAL HOURS: 64 hours minimum required.

MINORS

The Helms School of Government offers six minor programs of study ranging from 15 to 18 hours in Criminal Justice, Government, International Relations, Politics and Policy, Strategic and Intelligence Studies, and Western Legal Traditions.

Minors

Criminal Justice Minor (15 hrs)

CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 340	<i>Criminology</i>	3
CJUS	Electives (300-400 level)	9

Government Minor (15 hrs)

GOVT 200	<i>Constitutional Government and Free Enterprise</i>	3
GOVT 220	<i>American Government</i>	3
GOVT	Electives (300-400 level)	3

Choose two courses (6 hrs) from:

GOVT 350	<i>Political Economy and Public Policy</i>	3
GOVT 421	<i>American Constitutional History</i>	3
GOVT 490	<i>Political Theory</i>	3

International Relations Minor (18 hrs)

GOVT 330	<i>Introduction to Comparative Politics</i>	3
GOVT 340	<i>International Relations</i>	3
GOVT 425	<i>American Foreign Policy</i>	3

Directed Courses (required):

Choose three courses (9 hrs) from the following:

GOVT 332	<i>Politics of Europe</i>	
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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>	

NOTE: GOVT 200 is a prerequisite for all upper level GOVT courses.

Politics and Policy Minor (15 hrs)

GOVT 350	<i>Political Economy and Public Policy</i>	3
Choose four courses (12 hrs) from the following:		
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 is a prerequisite for all upper level GOVT courses.

Strategic and Intelligence Studies Minor (15 hrs)

GOVT 200	<i>Constitutional Government and Free Enterprise – OR</i>	3
GOVT 220	<i>American Government</i>	
Choose two courses (6 hrs) from the following:		
GOVT 380	<i>Introduction to Intelligence</i>	
GOVT 381	<i>Intelligence Analysis</i>	
GOVT 480	<i>Terrorism</i>	
GOVT	Intelligence-Related Electives (300-400 level)	6

Western Legal Traditions Minor (18 hrs)

Choose two courses (6 hrs) from the following:		
GOVT 345	<i>Jurisprudence</i>	3
GOVT 346	<i>Legal Research and Writing</i>	3
PHIL 210	<i>Logic</i>	3

Directed Courses (required):

Choose one of the following courses (3 hrs):
GOVT 477, GOVT 478, or COMS 335*

Choose one of the following courses (3 hrs):

GOVT 421	<i>American Constitutional History</i>	
GOVT 422	<i>American Constitutional Law</i>	
Choose one of the following courses (3 hrs): BUSI 301*, COMS 484*, CJUS 400*, CJUS 410*, GOVT 445, GOVT 470, or SMGT 305*		

NOTE: GOVT 200 is a prerequisite for all upper level GOVT courses.

*Prerequisites apply to these courses

School of Religion

Elmer Towns, B.A., M.A., Th.M., M.R.E., D.Min.

*Co-Founder, Liberty University
Vice President
Dean, School of Religion
Distinguished Professor of Systematic Theology*

James D. Stevens, B.A., M.Div., S.T.M., M.Ed., D.Min.

*Associate Dean, School of Religion
Professor of Biblical Studies*

Ben Gutierrez, IV, A.A., B.S., M.A.R., M.Div., Ph.D.

*Academic Dean, Liberty University Online
Chair, Department of Pastoral Leadership
Professor of Religion*

Gabriel Etzel, B.S., M.A.R., M.Div., D.Min.

*Assistant Dean, School of Religion
Associate Dean, Online Programs for the School of Religion
Assistant Professor of Religion*

Wayne A. Brindle, B.A., Th.M., Th.D.

*Chair, Department of Biblical Studies
Professor of Biblical Studies*

Don Fanning, B.A., M.A., M.Div., D.Min.

*Chair, Department of Inter-Cultural Studies
Executive Director, Center for Global Ministries
Professor of Inter-Cultural Studies*

Gary Habermas, B.R.E., M.A., Ph.D.

*Chair, Department of Philosophy and Theology
Distinguished Research Professor of Apologetics and Philosophy*

Edward N. Martin, B.A., M.A., Ph.D.

*Co-Chair, Department of Philosophy and Theology
Professor of Philosophy and Theology*

Scott Phillips, B.A., M.A.B.S., M.Div., Th.M., D.Min.

*Director of Children's Ministries
Associate Professor of Religion*

Thomas A. Provenzola, B.R.E., Th.M., Ph.D.

*Director, Master of Arts in Religious Studies
Professor of Philosophy and Theology*

Stephen R. Vandegriff, B.S., M.A., D. Min.

*Chair, Department of Church Ministries
Director, Center for Church Ministries
Director, Center for Youth Ministries
Professor of Youth Ministries*

Lew Weider, B.S., M.A., Ed.D.

*Director of Christian/Community Service
Associate Professor of Contemporary Issues*

Vernon M. Whaley, B.A., M.C.M., M.A., D.Min., Ph.D.

*Director, Center for Worship
Chair, Department of Worship and Music Studies
Professor of Worship and Music Studies*

FACULTY

Distinguished Professor

Habermas, Hindson, Towns

Professor

Baggett, Beck, Benham, Borland, Brindle, Fanning, Fink, P.,
Fowler, Gutierrez, IV, Hartman, Hinkson, Martin, E., Morrison,
Price, Provenzola, Stevens, Vandegriff, Whaley

Associate Professor

Alban, Sr., Cleaver, Croteau, Daubert, Jr., Foreman, Hill, Ice,
Leverett, Marsh, Matthews, Phillips, S., Putney, S., Rasberry,
R., Smith, M., Weider

Assistant Professor

Brennan, Brown, R., Campbell, Etzel, Fuhr, Geukgeuzian,
Greenawalt, Hahn, Henderson, Honeycutt, Jones, M., Jupin,
Kinchin, Lewis, R., Love, Nemitz, Neto, Patton, Ritchey,
Rose, Rumrill, Sheldon, Suttles, Van Engen, Wu

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.

OVERVIEW OF MINISTRY

At Liberty, we believe and teach a multiple approach to ministry. It is our philosophy that when someone receives the call of God to pastor a church, he may be called to a specific ministry. A youth pastor, for example, holds the same high calling as the senior pastor and is, in fact, an extension of the senior pastor's ministry to youth. Thus, a person called of God as a youth pastor would choose the Religion major with a specialization in Youth Ministries. Pre-seminary students normally are encouraged to specialize in Biblical Studies or Philosophy.

The School of Religion provides students with extracurricular opportunities for learning and developing leadership skills in ministry. The pastoral leadership program follows a carefully designed plan which leads toward leadership development in ministry. Missions' students are exposed to fields of inter-cultural ministry through the Student Missions Ministries program. Similar programs are being developed for other ministry related areas. The Center for Youth Ministry provides a variety of field experience training for those specializing in youth ministry through the Church Ministries Department.

Career Opportunities

Children's Pastor	Missionary Pastor
Children's Director	Senior and Associate Pastor
Christian Education Director	Women's Ministry Director
Evangelist	Youth Pastor
Minister of Music and Worship	

Religion Courses for General Education

LEARNING OUTCOMES

The student will be able to:

1. Identify and explain issues of authorship, historical setting, literary style, and purpose of each of the Old Testament books.
2. Identify and explain issues of the authorship, recipients, historical context, literary style, major themes and theological development of each book of the New Testament.

School of Religion Majors

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. Provide arguments in defense of a Christian worldview.
4. Demonstrate competence in the use of sound principles of biblical interpretation.

Inter-Cultural Studies Major (B.S.)

Students majoring in Inter-Cultural Studies will be well-equipped for international evangelization. They will learn the skills necessary to live and minister in other cultures as well as the particular dynamics that are associated with missionary life.

PURPOSE

The B.S. in Inter-Cultural Studies is designed to provide biblical and up-to-date training in all aspects of serving in another culture. For example, students will learn contextualization, chronological Bible storying, language acquisition (and/or linguistics for Bible translation), world religions, church planting techniques, contemporary trends and issues, and many other practical skills to make them successful. The program has been designed in such a way that students are able to choose classes that will prepare them for the specific type of inter-cultural ministry that they will be pursuing. In addition, the Bible training of the program meets all the requirements of mission boards for teaching and church planting. This program has special focuses for Missions Pastors, Bible/Missions teachers, Church Planting (anywhere), and missions to tribal or unreached people groups.

Program of Study		
Inter-Cultural Studies Major (B.S.) (54 hrs)		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 364	<i>Acts</i>	
BIBL 410	<i>Genesis</i>	3
BIBL 425	<i>Romans</i>	
BIBL 480	<i>Hermeneutics</i>	
CHHI 301	<i>History of the Christian Church I – OR</i>	3
CHHI 302	<i>History of the Christian Church II</i>	
THEO 350	<i>Fundamental Theological Issues</i>	3
ICST 200	<i>Introduction to Missions</i>	3
ICST 300	<i>Cultural Anthropology</i>	3
ICST 338	<i>Contemporary Mission Problems and Issues – OR</i>	3
ICST 341	<i>Missionary Discipleship and Church Planning</i>	
ICST 350	<i>World Religions – OR</i>	3
ICST 421	<i>Roman Catholicism – OR</i>	
ICST 431	<i>Intro to Islam</i>	
ICST 355	<i>History and Survey of Missions – OR</i>	3
ICST 420	<i>Theology of Missions</i>	
ICST 373	<i>Missionary Relationships</i>	3
ICST 441	<i>Career Missionary Preparation</i>	3
*ICST 499	<i>Mission Internship</i>	3
**ICST - OR	<i>Electives</i>	9
LING		
* Students can receive up to 9 hrs depending on the length of the internship. Any hours over the requirement will count towards ICST electives.		
** Departmental approval will be granted for non-ICST classes that are related to and useful in missions service. PLED is an approved substitute for an ICST elective and is strongly recommended for male students.		
TOTAL HOURS: 120 hours minimum required; at least 39 hours must be 300-400 level.		

Pastoral Leadership and Biblical Exposition Major (B.A.)

It should be observed that the B.A. in Pastoral Leadership and Biblical Exposition is not a terminal degree for the ministry-in-training. Yet, it provides thorough preparation in the exposition of biblical scriptures and thorough processing of leadership dynamics that will equip the student with leadership and expositional skills. After receiving the full training provided by the B.A. in Pastoral Leadership and Biblical Exposition, the student could potentially excel in ministry aptitude beyond some entry level seminary students.

PURPOSE

The B.A. in Pastoral Leadership and Biblical Exposition is designed to provide a thorough, biblically-based approach to practical ministry leadership with an emphasis on sound doctrine and the ability to exposit biblical scriptures from an accurate, conservative, evangelical hermeneutic principle along with an effective homiletic presentation. In addition, this program is designed to equip the student with leadership skills that could potentially exceed some students at higher levels of leadership study.

Program of Study		
Pastoral Leadership and Biblical Exposition Major (B.A.) (42 hrs)		
BIBL 324	<i>Pastoral Epistles</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
BIBL 472	<i>New Testament Backgrounds – OR</i>	3
BIBL 473	<i>Old Testament Backgrounds</i>	
CHHI 301	<i>History of the Christian Church I – OR</i>	3
CHHI 302	<i>History of the Christian Church II</i>	
GREK 401	<i>Exegesis</i>	3
PLED 350	<i>Pastoral Duties</i>	3
PLED 421	<i>Homiletics I</i>	3
PLED 422	<i>Homiletics II</i>	3
PLED 450	<i>Organization & Administration in the Local Church</i>	3
PLED 499	<i>Pastoral Internship</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
TOTAL HOURS: 120 hours minimum required; at least 54 hours must be 300-400 level.		

Philosophy and Religion Major (B.A.)

It should be observed that the B.A. in Philosophy and Religion program with specializations in philosophy and Biblical studies focuses on foundational studies prior to seminary or graduate programs. This is not only excellent preparation for ministry, but it serves as the first step toward graduate studies in philosophy or law.

PURPOSE

The major in Philosophy and Religion is designed to provide a thorough, biblically-based, cognitive, and spiritual foundation for effective ministry. Specializations are offered in Philosophy and Biblical Studies.

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.

Programs of Study		
Philosophy and Religion Major (B.A.)		
Philosophy Specialization (42 hrs)		
<i>Core (21 hrs)</i>		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 410	<i>Genesis</i>	3
BIBL 425	<i>Romans</i>	3
CHHI 301	<i>History of the Christian Church I</i>	3
CHHI 302	<i>History of the Christian Church II</i>	3
PHIL 440	<i>Philosophy of Religion</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
<i>Specialization (21 hrs)</i>		
PHIL 210	<i>Logic</i>	3
PHIL 301	<i>History of Philosophy I</i>	3
PHIL 302	<i>History of Philosophy II</i>	3
PHIL 303	<i>History of Philosophy III</i>	3
PHIL 240	<i>Christian Evidences</i>	3
PHIL 350	<i>Ethics</i>	3
PHIL 497	<i>Philosophy Seminar</i>	3
TOTAL HOURS: 120 hours minimum required; at least 42 hours must be 300-400 level.		

Philosophy and Religion Major (B.A.)		
Biblical Studies Specialization (42 hrs)		
<i>Core (21 hrs)</i>		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 410	<i>Genesis</i>	3
BIBL 425	<i>Romans</i>	3
CHHI 301	<i>History of the Christian Church I</i>	3
CHHI 302	<i>History of the Christian Church II</i>	3
PHIL 440	<i>Philosophy of Religion</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
<i>Specialization (21 hrs)</i>		
BIBL 364	<i>Acts</i>	3
BIBL 480	<i>Hermeneutics</i>	3
BIBL	Elective (OT)	3
BIBL	Elective (NT)	3
BIBL	<i>Background</i>	3
PLED 421	<i>Homiletics I - OR</i>	3
*CHMN 387	<i>Methods of Teaching Bible and Religion</i>	
PLED 422	<i>Homiletics II - OR</i>	3
*CHMN 403	<i>Professional Orientation of Women for Ministry</i>	

*Alternates for women
TOTAL HOURS: 120 hours minimum required; at least 48 hours must be 300-400 level.

Religion Major (B.S.)

PURPOSE

The major in Religion is designed to provide a thorough, biblically-based, cognitive, and spiritual foundation for effective ministry. Specializations are offered in Biblical Studies, Children's Ministries, Inter-Cultural Ministries, Women's Ministries, and Youth Ministries. These specializations will prepare students for further graduate studies.

CHILD EVANGELISM FELLOWSHIP (CEF)

ARTICULATION AGREEMENT

Child Evangelism Fellowship is among the foremost organizations that minister to and evangelize children. Liberty University has arranged a partnership or articulation agreement with CEF in order to provide students with the opportunity to study at CEF headquarters for one semester and transfer their credits into the Children's Ministry program at Liberty University. Details are available through the Department of Church Ministries.

Programs of Study		
Religion Major (B.S.)		
Biblical Studies Specialization (39 hrs)		
<i>Religion Core (24 hrs)</i>		
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 the Christian Church I - OR</i>	3
CHHI 302	<i>History of the Christian Church II</i>	3
ICST 200	<i>Introduction to Missions</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
CHMN 201	<i>Introduction to Church Ministries - OR</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	
<i>Specialization (15 hrs)</i>		
BIBL 364	<i>Acts</i>	3
BIBL 472	<i>New Testament Backgrounds - OR</i>	3
BIBL 473	<i>Old Testament Backgrounds - OR</i>	
BIBL 471	<i>Biblical Archaeology</i>	
BIBL	Elective (O.T.)	3
BIBL	Elective (N.T.)	3
BIBL	Elective	3
TOTAL HOURS: 120 hours minimum required; at least 33 hours must be 300-400 level.		

Religion Major (B.S.)		
Children's Ministries Specialization (42 hrs)		
<i>Religion Core (24 hrs)</i>		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 425	<i>Romans</i>	3
BIBL	Elective	3
ICST 200	<i>Introduction to Missions</i>	3
CHHI 301	<i>History of the Christian Church I - OR</i>	3
CHHI 302	<i>History of the Christian Church II</i>	
CHMN 201	<i>Introduction to Church Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
THEO 350	<i>Fundamental Theology Issues</i>	3
<i>Specialization (18 hrs) Resident Program</i>		
CHLD 201	<i>Survey of Children's Ministries</i>	3
CHLD 301	<i>Foundations of Children's Ministries</i>	3
CHLD 350	<i>Evangelizing Today's Children</i>	3
CHLD 403	<i>Professional Orientation to Children's Ministry</i>	3

SCHOOL OF RELIGION

CHLD 447	<i>Teaching Children Effectively</i>	3
CHLD 460	<i>Programs for Children's Ministry</i>	3
OR – Specialization (18 hrs) Offsite at CMI		
CHLD 403*	<i>Professional Orientation to Children's Ministry</i>	3
CHLD 447*	<i>Teaching Children Effectively</i>	3
CHLD 460	<i>Programs for Children's Ministry</i>	3
CHLD 499*	<i>Internship</i>	9
* <i>These courses have transfer equivalents through Child Evangelism Fellowship. Contact the Department of Church Ministries for details.</i>		
TOTAL HOURS: 120 hours minimum required; at least 30 hours must be 300-400 level.		

Religion Major (B.S.)		
Inter-Cultural Studies Specialization (54 hrs)		
Religion Core (24 hrs)		
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 the Christian Church I – OR</i>	3
CHHI 302	<i>History of the Christian Church II</i>	3
ICST 200	<i>Introduction to Missions</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
Specialization (30 hrs)		
ICST 300	<i>Cultural Anthropology</i>	3
ICST 338	<i>Contemporary Mission Problems and Issues – OR</i>	3
ICST 341	<i>Missionary Discipleship and Church Planning</i>	3
ICST 350	<i>World Religions – OR</i>	3
ICST 421	<i>Roman Catholicism – OR</i>	3
ICST 431	<i>Intro to Islam</i>	3
ICST 355	<i>History and Survey of Missions – OR</i>	3
ICST 420	<i>Theology of Missions</i>	3
ICST 373	<i>Missionary Relationships</i>	3
ICST 441	<i>Career Missionary Preparation</i>	3
*ICST 499	<i>Mission Internship</i>	3
**ICST or	<i>Electives</i>	9
LING		
* <i>Students can receive up to 9 hrs depending on the length of the internship. Any hours over the requirement will count towards ICST electives.</i>		
** <i>Departmental approval will be granted for non-ICST classes that are related to and useful in missions service. PLED is an approved substitute for an ICST elective and is strongly recommended for male students.</i>		
TOTAL HOURS: 120 hours minimum required; at least 36 hours must be 300-400 level.		

Religion Major (B.S.)		
Pastoral Leadership Specialization (48-51 hrs)		
Religion Core (24 hrs)		
BIBL 324	<i>Pastoral Epistles and Leadership Development</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 425	<i>Romans</i>	3
CHHI 301	<i>History of the Christian Church I – OR</i>	3
CHHI 302	<i>History of the Christian Church II</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
ICST 461	<i>The Church in Mission</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
YOUT 447	<i>Discipleship in Youth Ministry</i>	3
Specialization (24-27 hrs)		
GREK 301	<i>Greek Grammar III</i>	3

GREK 302	<i>Greek Syntax and Reading</i>	3
PLED 350	<i>Pastoral Duties</i>	3
PLED 421	<i>Homiletics I</i>	3
PLED 422	<i>Homiletics II</i>	3
PLED 450	<i>Organization and Administration of the Local Church</i>	3
PLED 499	<i>Pastoral Ministries Internship</i>	3-6
THEO 412	<i>The Church: Its Mission and Hope – OR</i>	3
BIBL 364	<i>Acts</i>	3
TOTAL HOURS: 120 hours minimum required; at least 45 hours must be 300-400 level.		

Religion Major (B.S.)		
Women's Ministries Specialization (42 hrs)		
Religion Core (24 hrs)		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 425	<i>Romans</i>	3
BIBL	<i>Elective</i>	3
CHHI 301	<i>History of Christian Church I – OR</i>	3
CHHI 302	<i>History of Christian Church II</i>	3
ICST 200	<i>Introduction to Missions</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
Specialization (18 hrs)		
CHMN 220	<i>Survey of Women's Ministries</i>	3
CHMN 320	<i>The Christian Woman</i>	3
CHMN 330	<i>The Role of Christian Women in Ministry</i>	3
CHMN 387	<i>Methods of Teaching the Bible</i>	3
CHMN 403	<i>Professional Orientation of Women for Ministry</i>	3
FACS 330/350/370 – OR		3
PSYC 361	<i>Marriage and Family</i>	3
TOTAL HOURS: 120 hours minimum required; at least 30 hours must be 300-400 level.		

Religion Major (B.S.)		
Youth Ministries Specialization (48-51 hrs)		
Religion Core (24 hrs)		
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 425	<i>Romans</i>	3
BIBL	<i>Elective</i>	3
ICST 200	<i>Introduction to Missions</i>	3
CHHI 301	<i>History of Christian Church I – OR</i>	3
CHHI 302	<i>History of Christian Church II</i>	3
CHMN 201	<i>Introduction to Church Ministries</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
Specialization (24-27 hrs)		
PLED 350	<i>Pastoral Duties – OR</i>	3
CHMN 320	<i>The Christian Woman</i>	3
YOUT 301	<i>Foundations of Youth Ministry</i>	3
YOUT 350	<i>Campus Ministry</i>	3
YOUT 450	<i>Professional Orientation to Youth Ministry – OR</i>	3
CHMN 330	<i>The Role of Christian Women in Ministry</i>	3
YOUT 447	<i>Discipleship in Youth Ministry</i>	3
YOUT 448	<i>Contemporary Youth Communication</i>	3
YOUT 460	<i>Programs for Youth Ministry</i>	3
YOUT 499	<i>Youth Ministry Internship</i>	3-6
TOTAL HOURS: 120 hours minimum required; at least 39 hours must be 300-400 level.		

ASSOCIATE OF ARTS DEGREE

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. This two-year degree program combines Bible and theological studies with 26 hours in General Education courses and 11 hours in electives. Graduates of this program may transfer their courses into a bachelor's degree program at Liberty if they desire to continue their education.

Program of Study		
Associate of Arts in Religion (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/ICST Elective		3
CHMN/YOUT/PLED Elective		3

Minors	
Biblical Greek Minor (15 hrs)	
GREK Electives	15

Biblical Studies Minor (15 hrs)	
Biblical Backgrounds	3
BIBL Electives	12

Inter-Cultural Studies Minor (15 hrs)		
ICST 200	<i>Introduction to Missions – OR</i>	3
ICST 300	<i>Cultural Anthropology</i>	3
Electives in ICST or related area (9 hours 300-400 level)		12

Philosophy Minor (15 hrs)		
PHIL 301	<i>History of Philosophy I</i>	3
PHIL 302	<i>History of Philosophy II</i>	3
PHIL 303	<i>History of Philosophy III</i>	3
PHIL Electives		6

Theology Minor (15 hrs)	
THEO Electives (9 hours 300 – 400 level)	15

Women's Ministries Minor (18 hrs)		
CHMN 220	<i>Survey of Women's Ministries</i>	3
CHMN 320	<i>The Christian Woman</i>	3
CHMN 330	<i>The Role of Christian Women in Ministry – OR</i>	3
ICST 483	<i>Women's Roles in Missions</i>	3
CHMN 387	<i>Methods of Teaching the Bible</i>	3
CHMN 403	<i>Professional Orientation of Women for Ministry</i>	3
FACS 330/ 350/370/475 – OR		3
PSYC 361	<i>Marriage and Family</i>	3

Youth Ministries Minor (15 hrs)		
YOUT 201	<i>Survey of Youth Ministries</i>	3
YOUT	Electives	12

Worship and Music Studies

Vernon M. Whaley, B.A., M.C.M., M.A., D.Min., Ph.D.

Director, Center for Worship

Chair, Department of Worship and Music Studies

Professor of Worship and Music Studies

FACULTY

Professor

Benham, Whaley

Associate Professor

Hill, Marsh

Assistant Professor

Brennan, Campbell, Greenawalt, Hahn, Jupin, Kinchen,

Lewis, R., Neto, Rumrill, Suttles

CENTER FOR WORSHIP

The purpose of the Center for Worship is to equip and train worship leaders for the evangelical community. This is accomplished through curricula development, local church ministry, publishing and recording, artist development and empirical research. The Department of Worship and Music Studies is a division of the Liberty University Center for Worship.

PURPOSE

The purpose of the Department of Worship and Music Studies is to serve the Center as an academic, training agency solely committed to the mission of equipping worship leaders and ministers of music for ministry in evangelical traditions. The Department of Worship and Music Studies provides a platform for developing curricula, teaching and interacting with students and meeting academic requirements critical to successful communication and examination of the worship discipline.

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 Worship and Music Studies prepare students to meet the challenge of this next decade. They prepare students to pursue graduate studies in worship at any seminary or graduate school, including the Master of Arts in Worship Studies offered through Liberty Theological Seminary.

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 evangelical ministries and local churches.

To meet the challenges articulated above, the Department of Worship and Music Studies has designed an innovative, highly functional and practical degree. The Bachelor of Science in Worship and Music Studies is divided into six disciplines, including: Music Theory (12 hours); Worship Studies (18 hours); Practical Internships (5 hours); Applied Music (12 hours);

Ensemble (6 hours); and a specialization. Students select one area of specialization from the following: Worship Leading; Worship and Drama Ministry; Worship and Cross-Cultural Studies; Worship and Business Studies; Worship and Women’s Ministry; Worship and Pastoral Leadership; Worship and Biblical Studies; Worship Technology and Youth Ministries.

PROGRAM LEARNING OUTCOMES

Students will be able to:

1. Convey orally and in written form a biblically-based theology and philosophy of worship for the evangelical church in the 21st century.
2. Evaluate a variety of cultural, demographic and societal distinctive within a specific church body and develop and implement a worship ministry appropriate for that particular church setting.
3. Demonstrate decision-making processes appropriate to the following roles: worshiper, theologian, disciple, professional, pastor, artist/musician, congregational worship sculptor and family person.
4. Demonstrate professional-level skills in the specific area of their primary performance concentration.
5. Write, arrange and analyze music in the context of the local congregation.

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.

Hundreds of career opportunities are available to students prepared to serve in local church and para-church ministries, including: Minister of Music; Worship Pastor; Worship Leader; Music and Worship Evangelist; Director of Worship and Drama; Worship and Missions Director; Director of Worship for Women’s Conferences; Teaching Pastor of Worship; Support Staff (in large church worship ministry); Associate Director of Worship Programming; Director of Worship Arts; Director of Worship Technology; and Contemporary Christian Artist. Completion of this degree will also equip the student for graduate studies in worship.

Programs of Study		
Worship and Music Studies Major (B.S.) (69-74 hrs)		
Harmonic Practices and Musicianship (13 hrs)		
WRSP 103	<i>Harmonic Practices I</i>	3
WRSP 104	<i>Harmonic Practices II</i>	2
WRSP 105	<i>Musicianship I</i>	1
WRSP 106	<i>Musicianship II</i>	1
WRSP 203	<i>Harmonic Practices III</i>	2
WRSP 204	<i>Harmonic Practices IV</i>	2
WRSP 205	<i>Musicianship III</i>	1
WRSP 206	<i>Musicianship IV</i>	1
Worship Studies (18 hrs)		
WRSP 101	<i>Introduction to Worship</i>	3
WRSP 102	<i>Introduction to Creative Worship</i>	3
WRSP 201	<i>Old and New Testament Principles of Worship</i>	3

WRSP 320	<i>History and Philosophy of Worship</i>	3
WRSP 321	<i>Principles of Worship Leadership</i>	3
WRSP 421	<i>Congregational Worship</i>	3
Practical Internships (5 hrs)		
WRSP 311	<i>Worship Practicum I</i>	1
WRSP 312	<i>Worship Practicum II</i>	1
WRSP 499	<i>Worship Internship</i>	3
Ensemble (1 hr X 6 semesters)		
WRSP 180	<i>Worship Chorale</i>	1
WRSP 189	<i>TRBC Choir</i>	1
WRSP 289	<i>Celebration Worship Choir</i>	1
WRSP 289	<i>Celebration Worship Choir</i>	1
WRSP 389	<i>Celebration Worship Choir</i>	1
WRSP 389	<i>Celebration Worship Choir</i>	1
Applied Music Studies (12 hrs)		
WRSP 390	<i>Junior Worship Program</i>	1
WRSP 490	<i>Senior Worship Program</i>	1
WRSP+	<u>Primary</u> : choose either Voice, Piano, Guitar, or Approved Instrument	6
WRSP++	<u>Secondary</u> : choose either Voice, Piano, or Guitar	4
Specialization		15-18
+ Voice: WRSP 125, 225, 225, 325, 325, 425 Piano: WRSP 145, 245, 245, 345, 345, 445 Guitar: WRSP 155, 255, 255, 355, 355, 455 Approved Instrument: WRSP 155, 255, 255, 355, 355, 455		
++ Voice: WRSP 120, 220, 221, 319 Piano: WRSP 140, 141, 240, 340 Guitar: WRSP 150, 250, 251, 350		
NOTE: 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, must take Voice as the Secondary Instrument.		

Biblical Studies Specialization (15 hrs)		
BIBL 324	<i>Pastoral Epistles and Leadership Development</i>	3
BIBL 350	<i>Inductive Bible Study</i>	3
BIBL 364	<i>Acts</i>	3
BIBL 410	<i>Genesis</i>	3
BIBL 425	<i>Romans</i>	3
TOTAL HOURS: 126 hours minimum required; at least 37 hours must be 300-400 level.		

Business Studies Specialization (15 hrs)		
ACCT 211	<i>Principles of Accounting</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 330	<i>Business Marketing</i>	3
BUSI 300	<i>Business Communications – OR</i>	3
BUSI 303	<i>International Business</i>	3
TOTAL HOURS: 126 hours minimum required; at least 34 hours must be 300-400 level.		

Inter-Cultural Specialization (15 hrs)		
ICST 200	<i>Introduction to Missions</i>	3
ICST 300	<i>Cultural Anthropology</i>	3
ICST 338	<i>Contemporary Mission Problems and Issues</i>	3
ICST 373	<i>Missionary Relationships</i>	3
ICST 497	<i>Church and Missions – OR</i>	3
ICST 495	<i>Directed Research in Missions</i>	3
TOTAL HOURS: 126 hours minimum required; at least 34 hours must be 300-400 level.		

SCHOOL OF RELIGION

Pastoral Leadership Specialization (18 hrs)		
BIBL 324	<i>Pastoral Epistles and Leadership Development</i>	3
CHMN 201	<i>Intro to Church Ministries</i>	3
PLED 350	<i>Pastoral Duties</i>	3
PLED 421	<i>Homiletics I</i>	3
PLED 422	<i>Homiletics II – OR</i>	3
PLED	Elective	
PLED 450	<i>Organization and Administration of the Local Church</i>	3
TOTAL HOURS: 129 hours minimum required; at least 37 hours must be 300-400 level.		

Youth Ministry Specialization (18 hrs)		
BIBL 350*	<i>Inductive Bible Study</i>	3
YOUT 201	<i>Principles of Youth Ministry</i>	3
YOUT 301	<i>Foundations of Youth Ministry</i>	3
YOUT 340	<i>Current Issues in Youth Ministry</i>	3
YOUT 447	<i>Discipleship in Youth Ministry</i>	3
YOUT 448	<i>Contemporary Youth Communication</i>	3
*NOTE: BIBL 350 is a prerequisite for YOUT 447 and 448		
TOTAL HOURS: 129 hours minimum required; at least 34 hours must be 300-400 level.		

Theatre Ministries Specialization (15 hrs)		
THEA 200	<i>Play Production – OR</i>	3
THEA 220	<i>Basic 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</i>	3
TOTAL HOURS: 126 hours minimum required; at least 31 hours must be 300-400 level.		

Women's Ministries Specialization (15 hrs)		
CHMN 220	<i>Survey of Women's Ministry</i>	3
CHMN 320	<i>The Christian Woman</i>	3
CHMN 330	<i>The Role of Women in Ministry</i>	3
CHMN 387	<i>Methods of Teaching the Bible and Religion for Women</i>	3
CHMN 403	<i>Professional Orientation for Women in Ministry</i>	3
TOTAL HOURS: 126 hours minimum required; at least 34 hours must be 300-400 level.		

Worship Leadership Specialization (18 hrs)		
WRSP 302	<i>Dynamics of Instrumental Worship</i>	3
WRSP 303	<i>Dynamics of Worship Leading</i>	3
WRSP 310	<i>Arranging for Contemporary Worship</i>	3
WRSP 315	<i>Basic Conducting for the Worship Leader</i>	3
WRSP 330	<i>Worship Technology I</i>	3
WRSP 400	<i>Music Literature for Worship</i>	3
TOTAL HOURS: 129 hours minimum required; at least 40 hours must be 300-400 level.		

Worship Technology Specialization (18 hrs)		
COMS 220	<i>Mass Communication Writing</i>	3
COMS 223	<i>Audio and Video Basics</i>	3
VCAR 222	<i>Desktop Publishing</i>	3
Select three courses (9 hrs) from the following:		
COMS 333	<i>Video Production</i>	
COMS 334	<i>Audio Production</i>	
VCAR 340	<i>Publication Design</i>	
VCAR 341	<i>Graphic Design – OR</i>	
VCAR 351	<i>Digital Imaging</i>	
TOTAL HOURS: 129 hours minimum required; at least 31 hours must be 300-400 level.		

Christian/Community Service

Lew Weider, B.S., M.A., Ed.D.

*Director of Christian/Community Service
Associate Professor of Contemporary Issues*

N. Troy Matthews, B.A., M.R.E., Ed.D.

*Associate Director of Christian/Community Service
Associate Professor of Contemporary Issues*

Will Honeycutt, B.S., M.Div., D.Min.

*Assistant Director of Christian/Community Service
Assistant Professor of Contemporary Issues*

Stephen Putney, Th.B., Th.M., D.Min.

*Assistant Director of Christian/Community Service
Associate Professor of Contemporary Issues*

Robert Van Engen, B.S., M.A.

*Assistant Director of Christian/Community Service
Assistant Professor of Contemporary Issues*

Darren C. Wu, B.S.M.E., M.A.R.

Assistant Professor of Contemporary Issues

PURPOSE

In recognition of the scriptural admonition that “faith without works is dead” (James 2:17), and in fulfillment of the Great Commission of world evangelization of Matthew 28:19-20, the Christian/Community Service component of the curriculum serves to affirm the Christian worldview and provide a practical expression of God’s love for mankind.

Christian/Community Service is required for each semester of full-time enrollment.

GOALS

The Christian/Community Service seeks to support the University in fulfilling its Mission and Aims by providing experiences for students that:

1. Promote the development of the Christian worldview as it impacts lifestyles, decision-making, personal integrity, and social responsibility.
2. Develop a sense of responsibility to mankind which entails selfless service, and active and clear communication of the Christian faith.
3. Offer opportunities for students to explore and practice ways in which they may glorify God and advance the cause of Christ through their chosen careers.
4. Provide avenues to explore ways of displaying Christian commitment and virtue through local churches, or social, civic, athletic, artistic, or scholastic organizations which are compatible with the University’s mission.

Willmington School of the Bible

Harold L. Willmington, B.A., D.Min.
Dean, Willmington School of the Bible
Professor of Bible

FACULTY

Professor

Willmington, H. L.

Instructor

Willmington, S., Buck, R.

MISSION

The supreme goal and purpose of the Willmington School of the Bible is to adequately and scripturally prepare men and women of God in ministering God's message of the first century to the world in the 21st century.

AIMS

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 provide a Bible curriculum offering a pointed and practical five-year preaching and teaching plan;
3. to assist in developing competencies for effectively communicating this teaching plan to others;
4. to equip learners to become role-models of the victorious Christian life; and
5. to assist in implementing a plan of action for fulfilling God's call on one's life.

PROGRAM FORMAT

The Willmington School of the Bible is available in three formats:

1. Liberty University Online.
This format allows students to complete courses through the multi-delivery capabilities of distance learning. Courses are presented through video and DVD lectures, textbooks and web-based assignments and text.
2. Cohort/Church Affiliation Program.
This format allows local churches to partner with the Willmington School of the Bible to bring the program to a local church setting. Fifteen or more students can study as a cohort through a course curriculum taught by qualified instructors. Up to nine classes can be taught at the church site. The remaining curriculum must be completed in a distance learning, multi-delivery format.
3. On Campus Resident Program.
Attend the Willmington School of the Bible on campus at Liberty University. Courses are taught in a traditional classroom format by Liberty faculty.

GRADUATE OF THEOLOGY DIPLOMA (TH.G.)

PROGRAMS OF STUDY

The Graduate of Theology Diploma (Th.G.) is available in the following programs of study:

Biblical Studies

Church Ministries: Women's Ministries Specialization

Pastoral Training*

*Not available in the Liberty University Online or Church Affiliation Program.

The requirements for graduation with any chosen major for the Graduate of Theology diploma are listed in this Catalog and on

degree completion plans (DCP) which are available online at: <http://www.liberty.edu/registrar>.

SPECIFIC ADMISSION REQUIREMENTS

Students applying to the Willmington School of the Bible must submit an application for admission, application fee, and academic records. Students must submit either an official high school transcript or official college transcripts in order to be reviewed for acceptance. See the details for these items in the Undergraduate Admissions Section of this Catalog. Students must have above a 2.00 GPA on either the high school transcript, or the sum of all college transcripts submitted in order to be considered for admission. Any GPAs below the required level will be considered by the Office of Admissions on a case by case basis.

DUAL ENROLLMENT

ADMISSIONS REQUIREMENTS

Students applying to the Willmington School of the Bible who have not graduated from High School must apply as a Special Student in the Dual Enrollment program, and must meet all Dual Enrollment admissions requirements. See details for these items in the Undergraduate Admissions Section of this Catalog.

EVALUATION OF TRANSFER CREDIT

Students may transfer all semester hours earned in the Willmington School of the Bible Th.G. Diploma program to Liberty's undergraduate degree program.

GRADUATION REQUIREMENTS

In addition to the other regulations governing graduation, graduates of the Graduate of Theology Diploma Program must meet the following requirements:

1. Complete 60 hours minimum
2. Required 2.00 GPA
3. 100% of the coursework must be completed through Willmington School of the Bible

Courses of Instruction:

Graduate of Theology Diploma Program

COURSE PREFIXES

APOL	Apologetics
BIBL	Biblical Studies
CEDU	Christian Education
CHHI	Church History
COMN	Counseling Ministries
EVAN	Evangelism
GBST	General Bible Studies
PATH	Pastoral Theology
PRTH	Practical Theology
THEO	Theology

Programs of Study

Graduate of Theology Diploma (Th.G.)

Biblical Studies Major (60 hrs)

Required Courses (33 hrs)

GBST 103	<i>Chronological Survey of the Old Testament I</i>	3
GBST 104	<i>Chronological Survey of the Old Testament II</i>	3
GBST 105	<i>Chronological Survey of the Old Testament III</i>	3
GBST 163	<i>Chronological Survey of the New Testament I</i>	3
GBST 164	<i>Chronological Survey of the New Testament II</i>	3

GBST 165	<i>Chronological 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)		

Graduate of Theology Diploma (Th.G.)		
Biblical Studies Major		
Church Ministries: Women's Ministries		
Specialization (60 hrs)		
Required Courses (39 hrs)		
GBST 103	<i>Chronological Survey of the Old Testament I</i>	3
GBST 104	<i>Chronological Survey of the Old Testament II</i>	3
GBST 105	<i>Chronological Survey of the Old Testament III</i>	3
GBST 163	<i>Chronological Survey of the New Testament I</i>	3
GBST 164	<i>Chronological Survey of the New Testament II</i>	3
GBST 165	<i>Chronological Survey of the New Testament III</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
CEDU 125	<i>Christian Womanhood I</i>	3
CEDU 126	<i>Christian Womanhood II</i>	3
CEDU 127	<i>Christian Womanhood III</i>	3
CEDU 128	<i>Christian Womanhood IV</i>	3
Elective Courses (21 hrs)		

Graduate of Theology Diploma (Th.G.)		
Pastoral Training Major (60 hrs)		
Required Courses (48 hrs)		
BIBL 164	<i>Pastoral Epistles</i>	3
GBST 103	<i>Chronological Survey of the Old Testament I</i>	3
GBST 104	<i>Chronological Survey of the Old Testament II</i>	3
GBST 105	<i>Chronological Survey of the Old Testament III</i>	3
GBST 163	<i>Chronological Survey of the New Testament I</i>	3
GBST 164	<i>Chronological Survey of the New Testament II</i>	3
GBST 165	<i>Chronological Survey of the New Testament III</i>	3
PATH 181	<i>Homiletics I</i>	3
PATH 182	<i>Homiletics II</i>	3
PRTH 140	<i>Pastoral Theology I</i>	3
PRTH 141	<i>Pastoral Theology II</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 (12 hrs)		

Liberty University Online

Program of Study

Graduate of Theology Diploma (Th.G.)

Biblical Studies Major (60 hrs)

Required Courses (33 hrs)

GBST 103	<i>Chronological Survey of the Old Testament I</i>	3
GBST 104	<i>Chronological Survey of the Old Testament II</i>	3
GBST 105	<i>Chronological Survey of the Old Testament III</i>	3
GBST 163	<i>Chronological Survey of the New Testament I</i>	3
GBST 164	<i>Chronological Survey of the New Testament II</i>	3
GBST 165	<i>Chronological 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)

*Not all elective courses are available in the online learning format.

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.

APOL 195 *Directed Research* 1 – 6 hours

Designed to encourage students to broaden their understanding of Apologetics. The work is individualized in nature.

BIBLICAL STUDIES

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 apocalypse. Particular emphasis is given to understanding the correct method of interpreting the book. Highlighted also is the portrayal of Christ as King and Victor and Judge.

BIBL 163 *Hebrews* 3 hours

Christ, the great High Priest, is seen as the fulfillment of the Levitical priesthood.

BIBL 164 *Pastoral Epistles* 3 hours

An expository study of I Timothy, II Timothy, and Titus, with emphasis upon administering the affairs of the local church.

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.

BIBL 195 *Directed Research* 1 – 6 hours

Designed to encourage students to broaden their understanding of the Bible. The work is individualized in nature.

BIBL 197 *Special Topics in Biblical Studies* 3 hours

CHRISTIAN EDUCATION

CEDU 101 *Personal Evangelism I* 3 hours

An introduction to the theology and methodology of personal evangelism. Includes Scripture memory, biblical principles and various other aspects of training in evangelism.

CEDU 102 *Personal Evangelism II* 3 hours

A study of cults and religious "isms" one encounters during personal evangelism.

CEDU 125 *Christian Womanhood I* 3 hours

Christian Womanhood I is a study of Old Testament women who have left their imprint on the pages of the Bible and human history. It is a study of their godly characteristics as well as their geographical and historical places in the annals of history. Most importantly, it is a study of how God worked in and through their lives.

CEDU 126 *Christian Womanhood II* 3 hours

Christian Womanhood II is a study of New Testament women and women of church history, their lives and times. It is a look at their godly characteristics and sometimes their failures. This study will show how women have loved and served God throughout the centuries.

CEDU 127 *Christian Womanhood III* 3 hours

Christian Womanhood III is a study of the life and work of women in service for their Lord, focusing on their spiritual lives, personal lives, and ministry lives.

CEDU 128 *Christian Womanhood IV* 3 hours

Christian Womanhood IV is a study of women in service for their Lord, with a focus on the pastor's wife and her ministry. It will observe the obstacles and blessings she faces living in the "parsonage". A look at pastors' wives throughout church history will be included in this study.

CEDU 130 *Child Evangelism I* 3 hours

A course designed to equip local church members to evangelize children in the open air and through the neighborhood outreach ministry. Attention is focused on the lostness of the child without Christ and the biblical basis for child evangelism. The course provides practical training, thus enabling students to immediately begin children's classes in their neighborhood.

CEDU 131 *Child Evangelism II* 3 hours

This course will provide information and practical methods which will enable the student to effectively guide the saved child in progressive spiritual growth. The course is centered on the principle that true teaching of the Word of God produces change. Students will be taught to write clear lesson objectives based on the needs of the saved child and to teach a narrative Bible lesson using these objectives.

CEDU 151 *Introduction to Missions* 3 hours

A basic introductory course dealing with the philosophy of world evangelization. Particular attention is given to the misconceptions of missions, qualifications of the missionary, the call and methodology.

CEDU 195 *Directed Research* 1 – 6 hours

Designed to encourage students to broaden their understanding of Christian education. The work is individualized in nature.

CHURCH HISTORY

CHHI 105 *Church History I* 3 hours

This course is designed to provide the student with an overview of the major events in the life of the church. A primary method in the course will be the study of individuals who made major contributions to the life of the church over the centuries.

CHHI 195 *Directed Research* 1 – 6 hours

Designed to encourage students to broaden their understanding of church history. The work is individualized in nature.

COUNSELING MINISTRIES

COMN 105 *Pastoral Counseling* 3 hours

A concentrated study in the philosophy and technique of Christian counseling. Designed to prepare the professional pastor or church worker for practical competence in dealing with spiritual growth problems, psychological problems, premarital counseling, marriage counseling, and parent-teen relations.

COMN 195 *Directed Research* 1 – 6 hours

Designed to encourage students to broaden their understanding of pastoral counseling. The work is individualized in nature.

EVANGELISM AND THE CHRISTIAN LIFE

EVAN 110 Church Growth I 3 hours

An introductory study in evangelism. A study of the Biblical and theological basis of evangelism as reflected in and through the local church.

EVAN 120 Church Growth II 3 hours

A study in the various aspects of the Christian life and of the biblical and theological basis of Christian experience that causes individual growth of the believer and institutional growth of a local church. The course includes a basic introduction to the various ministries and principles of church growth as related to Christian experiences and the correlation to ministry and church growth.

EVAN 195 Directed Research 1-6 hours

Designed to encourage students to broaden their understanding of evangelism. The work is individualized in nature.

GENERAL BIBLICAL STUDIES

GBST 103 Chronological Survey of the Old Testament I 3 hours

A chronological and comprehensive survey of the Old Testament featuring a unique structuring of biblical events in basic stages of Bible history. This course presents the Creation, Patriarchal, and Exodus stages.

GBST 104 Chronological Survey of the Old Testament II 3 hours

A chronological and comprehensive survey of the Old Testament featuring a unique structuring of biblical events in basic stages of Bible history. This course presents the Conquest, Judges, and United Kingdom stages.

GBST 105 Chronological Survey of the Old Testament III 3 hours

A chronological and comprehensive survey of the Old Testament featuring a unique structuring of biblical events in basic stages of Bible history. This course presents the Chaotic, Captivity and Return stages.

GBST 163 Chronological Survey of the New Testament I 3 hours

A chronological and comprehensive survey of the New Testament books of Matthew through John. Presents an in-depth study of the Life of Christ and the Gospel stage.

GBST 164 Chronological Survey of the New Testament II 3 hours

A chronological and comprehensive survey of the New Testament books of Acts through Philippians.

GBST 165 Chronological Survey of the New Testament III 3 hours

A chronological survey of the New Testament books of Colossians through Revelation.

PASTORAL THEOLOGY

PATH 115 Church Music Administration 2 hours

Principles and administration of church music. Includes organization, the church school, and seasonal programming.

PATH 121 Leadership Internship I 3 hours

Specialists in various fields of church work conduct seminars relating to church ministry. Designed to help students prepare for service in these various ministries with an emphasis on leadership principles and skills.

PATH 181 Homiletics I 3 hours

A course in preparation of expository sermons. Emphasis is on mastering an effective sermon building track for preaching through a book of the Bible.

PATH 182 Homiletics II 3 hours

Students prepare, deliver, and evaluate several sermons.

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.

PRTH 142 Pastoral Theology III 3 hours

This course concerns the pastor’s call, qualifications, and duties as outlined in the Bible. Areas discussed are pastoral leadership, preaching, teaching, evangelism, counseling, visitation, and youth ministry. Practical instruction is given concerning various pastoral duties such as administering the ordinances of the church and conducting weddings and funerals. In the area of Church planting, attention is given to organization of the local church, start-up procedures, and leading a congregation to victory in Christ.

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.

PRTH 195 Directed Research 1 – 6 hours

Designed to encourage students to broaden their understanding of practical theology. The work is individualized in nature.

THEOLOGY

THEO 107 Theological Survey I 3 hours

A survey of theology featuring a comprehensive study of the major doctrines of the Bible. Doctrines included in this course are the Trinity, the Bible, the Father and the Son.

THEO 108 Theological Survey II 3 hours

A survey of theology featuring a comprehensive study of the major doctrines of the Bible. Doctrines included in this course are the Holy Spirit, Man, Satan, and Angels.

THEO 109 Theological Survey III 3 hours

A survey of theology featuring a comprehensive study of the major doctrines of the Bible. Doctrines included in this course are Salvation, Sin, Church, and Prophecy.

THEO 195 Directed Research 1 – 6 hours

Designed to encourage students to broaden their understanding of theology. The work is individualized in nature.

English Language Institute

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

*Director, Graduate Resident Admissions
Dean of International Student Programs*

Christina Wade, B.A.

Coordinator, English Language Institute

FACULTY

Lecturer

Loper, Vertican, Westbrook

Lab Assistant

Thapa

PURPOSE

The English Language Institute (ELI) provides an intense, four-level, academic English program for students with limited English language proficiency. The ELI prepares students for both graduate and undergraduate academic work at English-speaking academic institutions. The ELI also provides language support for business, religious and other professionals whose native language is not English. In levels one and two, ELI students train exclusively in English grammar, conversation, writing, vocabulary, and pronunciation skills. In levels three and four, students begin to phase into the Undergraduate program with content courses alongside their English language studies.

The Institute offers year-round programs including 16-week programs in the fall and spring semesters, and an 8-week program in the summer. In addition to the full-time ELI staff, the ELI employs qualified instructors from the English and Modern Languages Department as well as the local academic community.

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

Associate and Bachelor Degrees

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 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 I* 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 *Advanced Accounting II* 3 hours
(Offered spring semester)

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
(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 441 *Accounting Theory and Ethics* 3 hours
Prerequisite: ACCT 404

This is the capstone course for accounting majors. The course has two major parts that represent a blend of theory, practice, and research. Topics included in part one: theoretical, ethical decision-making models for the accounting profession; the nature of accounting theory and its development; and accounting standard-setting and its chronological development. Part two evaluates contemporary financial reporting issues as they relate to the FASB's Conceptual Framework. It specifically examines areas of contemporary financial reporting that are controversial. 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 Career Center. 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.

ART

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 495 *Directed Research* 1 to 3 hours

ATHLETICS

ATHL 001 *Men's Basketball* 1 hour
 Participation in intercollegiate competition in basketball.

ATHL 011 *Baseball* 1 hour
 Participation in intercollegiate competition in baseball.

ATHL 022 *Football* 1 hour
 Participation in intercollegiate competition in football.

ATHL 024 *Women's Soccer* 1 hour
 Participation in intercollegiate competition in soccer.

ATHL 034 *Men's Soccer* 1 hour
 Participation in intercollegiate competition in soccer.

ATHL 035 *Men's/Women's Track* 1 hour
 Participation in intercollegiate competition in track.

ATHL 036 *Men's/Women's Cross Country* 1 hour
 Participation in intercollegiate competition in cross country.

ATHL 041 *Women's Basketball* 1 hour
 Participation in intercollegiate competition in basketball.

ATHL 042 *Women's Volleyball* 1 hour
 Participation in intercollegiate competition in volleyball.

ATHL 043 *Women's Softball* 1 hour
 Participation in intercollegiate competition in softball.

ATHL 044 *Golf* 1 hour
 Participation in intercollegiate competition in golf.

ATHL 045 *Tennis* 1 hour
 Participation in intercollegiate competition in tennis.

ATHL 055 *Wrestling* 1 hour
 Participation in intercollegiate competition in wrestling.

ATHL 056 *Lacrosse* 1 hour
 Participation in intercollegiate competition in lacrosse.

ATHL 200 *Cheerleading* 1 hour
 Membership in the University cheerleading squad.

ATHLETIC TRAINING

ATTR 200 *Introduction to Athletic Training* 3 hours
 An introduction to the profession of athletic training. Topics also include basic methods of care, treatment, and rehabilitation of athletic injuries.

ATTR 210 *Principles of Athletic Training* 3 hours
 Introduction of Basic Athletic Training. Topics include: pre-participation exam; modalities; and prevention. Laboratory experiences are provided.

ATTR 220 *Practicum I in Athletic Training* 2 hours
Prerequisites: ATTR 200, 210, and acceptance into the Athletic Training Education Program.

Didactic and psychomotor skill instruction of competencies in Athletic Training. Emphasis will be on general principles of the use of therapeutic modalities and recognition and treatment of general medical conditions and illnesses. Will include clinical assignment or fieldwork.

ATTR 221 *Practicum II in Athletic Training* 2 hours
Prerequisites: ATTR 220 and acceptance into the Athletic Training Education Program. Must be taken concurrently with ATTR 300.

Didactic and psychomotor skill instruction of competencies in Athletic Training, with emphasis on physical examinations covering extremity evaluations, treatments, and basic rehabilitation programs. Will include clinical assignment or fieldwork.

ATTR 299 *Internship* 0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Direct applicable work experience under the supervision of the Athletic Training Faculty Intern Advisor. Application processed through the Career Center. Must apply semester prior to internship.

ATTR 300 *Evaluation of Athletic Injuries I* 3 hours
Prerequisites: ATTR 200, BIOL 211

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. Lab experiences included.

ATTR 302 *Evaluation of Athletic Injuries II* 3 hours
Prerequisites: ATTR 200, 300, BIOL 211 and acceptance into the Athletic Training Program; can be taken concurrently with BIOL 212.

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. Includes lecture and laboratory experiences.

ATTR 305 *First Responder for Athletic Training* 3 hours
Prerequisites: ATTR 200, 210, and BIOL 211 (May use as co-requisite)

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. Lab experiences included.

ATTR 310 *Therapeutic Modalities in Athletic Training* 3 hours

Prerequisites: ATTR 200 and 210

A study of theories and principles of uses of different modalities to enhance the healing of injuries. Lab experiences included.

ATTR 320 *Practicum III in Athletic Training* 2 hours
Prerequisites: ATTR 221 and acceptance into the Athletic Training Education Program

Didactic and psychomotor skill instruction of competencies in Athletic Training with emphasis on the principles of conducting hands-on physical examinations for injuries to the axial skeleton. Will include clinical assignment or fieldwork.

ATTR 321 *Practicum IV in Athletic Training* 2 hours
Prerequisites: ATTR 320 and acceptance into the Athletic Training Education Program.

Didactic and psychomotor skill instruction of competencies in

Athletic Training with emphasis on advanced athletic injury and rehabilitation. Will include clinical assignment or fieldwork.

ATTR 400 *Principles of Therapeutic Exercise and Rehabilitation* 3 hours

Prerequisites: ATTR 200, 210, 300, 302, 305, 310; BIOL 211, 212; PSYC 101

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 200, 210, 300, 302, 305, 310; 400; BIOL 211, 212

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 200, 300, BIOL 211, 212 and acceptance into the Athletic Training Education Program

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

Prerequisites: ATTR 200, 300, and 310

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 *Practicum V in Athletic Training* 2 hours

Prerequisites: ATTR 321 and acceptance into the Athletic Training Education Program.

Didactic and psychomotor skill instruction of competencies in Athletic Training with emphasis on professional preparation and development, and fundamentals of athletic training research. Will include further field or other clinical experiences.

ATTR 421 *Practicum VI in Athletic Training* 2 hours

Prerequisites: ATTR 420 and acceptance into the Athletic Training Education Program.

Didactic and psychomotor skill instruction of competencies in Athletic Training, with emphasis on athletic training administration and athletic training research. Will include clinical assignment or fieldwork.

ATTR 440 *Senior Seminar in Athletic Training* 2 hours

Prerequisites: ATTR 200, 210, 220, 221, 300, 302, 305, 310, 320, 321, 400, 402, 404, 410, and 420. Will be taken concurrently with ATTR 421.

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

Corequisite: 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

Corequisite: 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 240 GPS Navigation 1 hour

Prerequisite: AVIA 225 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 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 215/225

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 315 Commercial Ground 3 hours

Prerequisite: AVIA 310/320

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 3 hours

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 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 225

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 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 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 445 *Military Aviation Selection Test Battery Preparation* 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.

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 *Interview and Etiquette Techniques* 1 hour
 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

BIOCHEMISTRY

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 455 *Biochemical and Molecular Techniques* 3 hours
 (1 hours lecture; 5 hours lab)
 Prerequisites: BIOL 415 or concurrently; BCHM 451 and 452 recommended

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.

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 expository 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
This course introduces the student to the five main theological resource tools and the ten methods necessary for an inductive study of the Bible. The student writes his own commentary on a prescribed book of the Bible using the tools and methods to which he is introduced in the course.		
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 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 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 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
A study of the nature, methods, and issues of biblical interpretation. This course will expose students to a variety of different approaches, demonstrate the crucial importance of hermeneutics and the role genre plays in interpretation, and assist them in developing their own hermeneutical method. (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 200	Foundations of Biology	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.		
BIOL 203	Introductory Microbiology	4 hours (3 hours lecture; 2 hours lab)
Prerequisite: BIOL 211 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 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 208	General Zoology	4 hours (3 hours lecture; 3 hours lab)
Prerequisite: BIOL 200 A systematic survey of the animal kingdom, including all of the major phyla. The emphasis is on taxonomy, physiology, morphology, and life histories.		
BIOL 211	Human Anatomy and Physiology I	4 hours (Offered fall semester) (3 hours lecture; 2 hours lab)
Prerequisite: A high school-level biology course with lab A study of the structure and function of the human body with emphasis on cells, tissues, skin, and the coordination and control of body movements. May not be used for general education credit except in conjunction with BIOL 212.		

<p>BIOL 212 <i>Human Anatomy and Physiology II</i> 4 hours (Offered spring semester) (3 hours lecture; 2 hours lab) Prerequisite: BIOL 211 minimum grade of “C” A continuation of BIOL 211. Emphasis is on the interactions of the endocrine, cardiovascular, respiratory, digestive, urinary and reproductive systems and the maintenance of metabolism and fluid and electrolyte balance of the human body. May not be used for general education credit except in conjunction with BIOL 211.</p> <p>BIOL 299 <i>Internship</i> 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.</p> <p>BIOL 301 <i>Genetics</i> 4 hours (Offered every semester) (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200, 208 or 211 and 212; 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 extra-nuclear inheritance.</p> <p>BIOL 303 <i>Microbiology</i> 4 hours (Offered every semester) (3 hours lecture; 4 hours lab) Prerequisites: BIOL 200, 207 or 208; CHEM 121 and 122; CHEM 301 recommended An introduction to micro-organisms with emphasis on principles and techniques of culture and identification, life processes, and diversity of micro-organisms.</p> <p>BIOL 305 <i>Parasitology</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200, 208 A study of major protozoan, helminth, and insect parasites, dealing with their form, function, life cycle, pathology, epidemiology, classification, geographical distribution, treatment and control.</p> <p>BIOL 307 <i>Plant Physiology</i> 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.</p> <p>BIOL 310 <i>Ecology</i> 4 hours (Offered fall semester) (3 hours lecture; 4 hours lab) Prerequisites: BIOL 200, 207, 208 and MATH 201 or 211 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.</p> <p>BIOL 320 <i>Introduction to Entomology</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200, 208 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.</p> <p>BIOL 321 <i>Comparative Anatomy of the Vertebrates</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200, 208 A comparative study of the structure and relationships of vertebrate animals.</p>	<p>BIOL 371 <i>Vertebrate Paleontology</i> 3 hours (3 hours lecture) Prerequisite: BIOL 208 A study of vertebrate paleontology, including its methodology and a survey of major vertebrate fossil groups. Intended for upper-level Biology majors.</p> <p>BIOL 400 <i>Biology Seminar</i> 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.</p> <p>BIOL 403 <i>Embryology</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200, 208, 301, 415 Fundamentals of early development and experimental analysis of development systems and a descriptive and comparative study of organogenesis with emphasis on vertebrates.</p> <p>BIOL 408 <i>Animal Behavior</i> 4 hours (3 hour lecture; 3 hour lab) Prerequisites: BIOL 200, 208 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.</p> <p>BIOL 410 <i>Environmental Biology</i> 4 hours (3 hour lecture; 3 hour lab) Prerequisites: BIOL 200, 207, 208, and 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 macroinvertebrates and fish, exposure and risk assessment modeling.</p> <p>BIOL 415 <i>Cell Biology</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200 and 208, BIOL 207 and 301 recommended. 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.</p> <p>BIOL 416 <i>Comparative Animal Physiology</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200, 208, 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.</p> <p>BIOL 418 <i>Vertebrate Natural History</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: BIOL 200, 208 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.</p> <p>BIOL 419 <i>Ornithology</i> 4 hours (3 hours lecture; 3 hours lab) Prerequisites: Successful completion of BIOL 200, 208 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.</p>
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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 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: BIOL 200 or 208; Junior or Senior status and required GPA.

A directed practical work experience under the supervision of the Chair of Biology, in the student's area of career interest. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

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 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 260 Leadership for the Professional 3 hours

This course will examine various issues and concepts involved in leadership while focusing on the personal aspects of leadership. This course will develop leadership skills through the study of personal styles, leadership theory and communication theory.

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 300 Business Communications 3 hours

Prerequisites: ENGL 102 and ISYS 201

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. As individuals and in groups, students will prepare business memos, letters, and formal reports, deliver presentations, conduct Internet research, and employ new technologies for communication.

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, Foundational Math, ISYS 220 or MATH 201, and 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: ECNC 214

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

Prerequisites: ACCT 212 and BUSI 320

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 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

Theory and practice of marketing research will be covered with emphasis on development and evaluation of research projects. Students develop a research proposal and carry out a field project.

BUSI 340 Organizational Behavior I 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.

<p>BUSI 343 <i>Collective Bargaining and Labor Relations</i> 3 hours</p> <p>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.</p>	<p>BUSI 420 <i>Investments</i> 3 hours</p> <p>Prerequisites: BUSI 320 or consent of instructor</p> <p>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.</p>
<p>BUSI 360 <i>Contemporary Issues in International Business</i> 3 hours</p> <p>Prerequisites: BUSI 303 or permission of professor</p> <p>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.</p>	<p>BUSI 421 <i>Risk Management/Insurance</i> 3 hours</p> <p>(Offered on demand only)</p> <p>Prerequisites: BUSI 320 and ECNC 214, or consent of instructor</p> <p>An introduction to the basic principles of all insurance. Designed to give a working knowledge of the major kinds of insurance utilized to protect both business and consumers from financial loss. Policy costs and services are analyzed.</p>
<p>BUSI 365 <i>Global Industries and Operations</i> 3 hours</p> <p>Prerequisites: BUSI 303 or permission of professor</p> <p>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.</p>	<p>BUSI 422 <i>Real Estate</i> 3 hours</p> <p>Prerequisites: BUSI 301 and 320, or consent of instructor</p> <p>An overview of real estate brokerage, property rights, transfer mechanisms and documents, property evaluation, finance, investments, and property management.</p>
<p>BUSI 400 <i>Strategic Planning/ Business Policy</i> 3 hours</p> <p>Prerequisites: Senior status and completion of all sophomore and junior required business courses</p> <p>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 in static cases and then a capstone dynamic computer simulation case. This course is designed for final semester seniors.</p>	<p>BUSI 430 <i>Promotion Strategy</i> 3 hours</p> <p>Prerequisite: BUSI 331</p> <p>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. Students participate on teams that compete to develop and present a sales promotional campaign for a proposed or existing company.</p>
<p>BUSI 405 <i>Business and Economic Forecasting</i> 3 hours</p> <p>Prerequisites: MATH 201, ECNC 214</p> <p>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</p>	<p>BUSI 431 <i>Sales Management and Professional Selling</i> 3 hours</p> <p>Prerequisites: BUSI 331</p> <p>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. The course concludes with a comprehensive role playing exercise where students demonstrate mastery of the models learned.</p>
<p>BUSI 410 <i>Managerial Economics</i> 3 hours</p> <p>(Offered on demand only)</p> <p>Prerequisites: MATH 201, ECNC 214</p> <p>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.</p>	<p>BUSI 433 <i>Marketing Management</i> 3 hours</p> <p>Prerequisites: BUSI 331 and senior status</p> <p>Advanced study of the role and responsibilities of marketing executives. As the capstone course for students concentrating in marketing, 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. The case method will be used extensively and students will be required to develop a formal marketing plan for an organization.</p>
<p>BUSI 411 <i>Operations Management</i> 3 hours</p> <p>Prerequisites: ISYS 201, BUSI 310, and MATH 201</p> <p>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.</p>	<p>BUSI 435 <i>Small Business Entrepreneurship</i> 3 hours</p> <p>Prerequisites: Junior/Senior Status</p> <p>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.</p>
<p>BUSI 412 <i>Moral Business Leadership: Origins and Outcomes</i> 3 hours</p> <p>Prerequisite: BUSI 310 or consent of the instructor</p> <p>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.</p>	<p>BUSI 436 <i>Internet Marketing</i> 3 hours</p> <p>Prerequisite: BUSI 330</p> <p>This course is open to students who desire to understand how commerce functions in the electronic age. Through discussion, demonstration, and Internet-based exercises, students explore the</p>

principles required to successfully practice Internet marketing primarily between and among businesses and consumers. Students will work in teams to develop an internet marketing plan and a prototype website for a proposed or existing business.

BUSI 437 *Global Marketing* 3 hours
Prerequisite: BUSI 330

This course is designed to introduce Liberty University students to the art and science of Global Marketing by focusing on the basic theories, concepts, and practices of the discipline 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 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. An experiential, skill-building approach to compensation decision making is enhanced through the use of a computer simulation.

BUSI 441 *Organizational Behavior II* 3 hours
Prerequisite: BUSI 340

This capstone course, for those concentrating in management, studies national, business, and personal productivity from a socio-technical perspective. It concludes with an organizational behavior intervention.

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 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. Students will prepare to compete in the state HR games and will also prepare to sit for the Professional in Human Resources (PHR) certification exam.

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. This is a case-intensive course that applies theories and techniques to actual and simulated business situations. 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 employed using a team approach.

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. The course culminates with an ethical decision-making model that is examined and applied within the context of Christian principles of conduct.

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 496 *Cross-Cultural Business Immersion* 3 hours

An international business immersion experience that introduces the student to a country-specific environment emphasizing its language, culture and business practices. Locations will vary periodically, but field studies may be held in Paris or Nice, France; Barcelona or Madrid, Spain; Rome, Italy; Munich, Germany; Quito, Ecuador; St. Petersburg, Russia; Beijing, China, among others. This course is offered between semesters and immediately after second semester, and may be repeated for credit.

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. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

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 Corequisite: MATH 110, or MATH 201, 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
(Offered fall semester) (3 hours lecture, 2 hours lab)

Prerequisites or corequisite: 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
(Offered spring semester) (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 221 *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.

CHEM 301 *Organic Chemistry I* 4 hours
(Offered fall semester) (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
(Offered spring semester) (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 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 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

CHILDREN'S MINISTRIES

CHLD 201 *Principles of Children's Ministry* 3 hours

This course studies the principles to use in establishing and maintaining a ministry to children. Emphasis will be placed upon a system of philosophy and general principles for children's ministry. Various models of doing children's ministry will be compared to the biblical principles studied. Special attention is given to developing a children's ministry mission statement, objectives and strategies. Emphasis will also be placed on a study of the personality and stages of development from birth to early adolescence as related to the unique problems children face in today's society.

CHLD 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 to provide practice application of children's ministry. Application procedures processed through the Career Center. Must apply semester prior to internship.

CHLD 301 *Foundations of Children's Ministry* 3 hours

Prerequisite: CHLD 201 or permission of professor

This course will investigate specific elements and issues that are the building blocks for children's ministry. Such elements as principles for teaching biblical truth, curriculum development, parent-child relationships, church-home relationships as well as cultural issues that affect ministry with children. Special attention will be focused on the spiritual and moral development from birth to early adolescence and how the church can be an active part in helping families during this developmental process.

CHLD 350 *Evangelizing Today's Children* 3 hours

This course will be a study of the biblical basis for evangelizing and discipling children. Students will be challenged to assess their personal theology regarding the conversion of children. It will also include the study of various outreach strategies and programs used to evangelize children primarily through the local church. Attention is given to discovering the appropriate methods for working with parents in talking to their children about salvation.

CHLD 403 *Professional Orientation to Children's Ministry* 3 hours

Prerequisites: CHLD 201, 301, 350

A course designed for the senior level children's ministry student as preparation to enter a first vocational children's ministry position. Topics addressed include: 1) the desire to work in children's ministry; 2) stages of ministry; 3) finding the right

ministry opportunity; 4) leadership skills; 5) personal piety; and 6) the development and staffing of volunteers.

CHLD 447 *Teaching Children Effectively (in Ministry)* 3 hours

Prerequisites: CHLD 201 and 301

A study of the principles of teaching children of various age groups. A thorough investigation of the various methods of teaching children will be emphasized. The course will provide practical training opportunities both in and outside the class.

CHLD 460 *Programs for Children's Ministries* 3 hours

Prerequisites: CHLD 201, 301, 350, 447

This course is a study of how to plan and implement the student's own children's ministry philosophy. Specific programming aspects of the large group meeting, small group meeting, activities, sports, camping, and missions projects will be examined. Attention will be given to annual calendar planning and organization skills. Scheduling of volunteer recruiting and training will also be emphasized.

CHLD 499 *Internship* 9 hours

Prerequisites: Junior/Senior status, and permission from the Director of Children's Ministries.

A supervised field experience at the Children's Ministries Institute in Missouri designed for students studying for the children's ministries. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

CHURCH MINISTRIES

CHMN 171 *Beginning and Intermediate Sign Language* 3 hours

(Offered fall semester)

This course is designed for students who are interested in working with the deaf and who want to learn the rudiments of the American deaf sign language. A study of basic signs and the manual alphabet is given with insights into deafness, the deaf person and deaf education.

CHMN 172 *Advanced Sign Language and Interpreting* 3 hours

(Offered spring semester)

Prerequisite: CHMN 171

A study of advanced signs including interpreting to the deaf in the courtroom, in the hospital, in the doctor's office, for employment, and for church and television. Also, further insights are given into deafness, the deaf person and deaf education.

CHMN 200 *Church Ministry Lab I* 1 hour

A faculty supervised practical ministry experience at an approved ministry site. Open by permission of the Church Ministries Department to students majoring in a Christian ministry. May be repeated with no more than 3 hours of CHMN 200 and 300 combined.

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 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.

CHMN 271 *Sign Language Interpreting I* 3 hours

(Offered fall semester)

Prerequisites: CHMN 171, 172

A continuation of sign language, manual alphabet and interpreting. The first steps in setting up a local church ministry are studied including visitation, evangelism of the deaf, Sunday School departments and monthly activities.

CHMN 272 *Sign Language Interpreting II* 3 hours

(Offered spring semester)

Prerequisites: CHMN 171, 172, 271

Advanced procedure for a local church deaf ministry including publications for the deaf, working with deaf youth at State school, working with multiple-handicapped and deaf persons and camp for the deaf.

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 Lab II* 1 hour

A faculty supervised practical ministry experience at an approved ministry site emphasizing leadership skills. Open by permission of the Church Ministries Department. May be repeated with no more than 3 hours of CHMN 200 and 300 combined.

CHMN 320 *The Christian Woman* 3 hours

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.

CHMN 330 *The Role of Christian Women in Ministry* 3 hours

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.

CHMN 387 *Methods of Teaching Bible and Religion* 3 hours

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.

CHMN 403 *Professional Orientation of Women for Ministry* 3 hours

A study of the life and work of women in ministry, focusing on her spiritual life, personal life and ministry/church life.

CHMN 495 *Directed Research* 1 to 3 hours

CHMN 497 *Special Topics in Church Ministry* 1 to 3 hours

CHMN 499 *Internship* 3 hours

Prerequisites: Junior/Senior status, successful completion of CHMN 220, CHMN 387, and CHMN 403

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.

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 Internship 1-6 hours

Prerequisites: Junior or Senior status and required GPA

Application procedures processed through the Career Center. Must apply semester prior to completing internship.

COLLEGE LEARNING STRATEGIES

CLST 100 Foundations for Academic Success 3 hours

Designed to assist students in their academic adjustment to college. It is part of a special program limited to a select group. Attention is given to goal-setting, organizing for study, time management, textbook mastery, reading comprehension and rate, listening, memory, note-taking, motivation for study, test taking, study strategies in other classes and orientation to University services.

CLST 101 College Learning Strategies 1 hour

Designed to train students in study strategies needed for success in college. Course includes organizing for study, time management, textbook mastery, listening, memory, note taking, motivation for study, reading comprehension and rate, test-taking, and special study strategies for other classes. Open to all students but required of students who have low scores on placement tests, or who are placed on Academic Warning/ Probation.

CLST 102 College Reading Improvement 1 hour

Designed to teach students essential reading skills necessary to truly comprehend the material contained in college textbooks. The course includes such areas as vocabulary development, textbook organization, main ideas, significant details, analytical reading and critical reading. The course is structured to meet the needs of students with varying levels of reading competency. (Recommended for the general population, ESL students, etc.)

CLST 103 Individualized Laboratory Reading and Study Strategies 1 hour

Provides individualized help in reading and study strategies. May be elected by any Liberty student desiring to improve reading and study skills. May be required of students who have completed CLST 100, 101 or 102 and who still need help in basic skills and students who are placed on Academic Warning / Probation.

CLST 104 College Transition and Study 3 hours

Designed to train students in study strategies needed for success in college and to facilitate academic, spiritual and social development as well as the understanding of Judeo-Christian ethics and values within a Christian university setting. This course will also provide interaction between faculty and students which 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 301 Advanced Reading/Vocabulary Development 1 hour

Focus is on building vocabulary and accelerating reading speed while developing higher level critical reading skills needed for upper division and graduate courses.

COMMUNICATION STUDIES

COMS 101 Speech Communication 3 hours

Prerequisite: ENGL 100 or advanced standing on 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 for 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 223 Audio and Video Basics 3 hours

An introduction to the hardware and process of video and audio production. Student will learn through a combination of lectures, tutorial and both video and audio projects.

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, portfolio preparation, 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, VCAR 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; VCAR 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; VCAR 222, 340
 A comprehensive study of public relations strategy, decision-making and program planning featuring a case-study approach to learning.

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 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 389 *Selah Practicum* 1 hour

Prerequisite: VCAR 222 or permission of the instructor

This course provides opportunities to apply what has been explored in the classroom through Selah, Liberty University's yearbook. Designed to enhance acquired skills and knowledge and provide the student with the opportunity to build a portfolio for employment.

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: VCAR 222, either VCAR 332, 340 or 341, and VCAR 110

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 and Individual Events* 1 hour

One hour of credit is available each semester to members competing on the extracurricular forensics team. Competition may be in debate or individual events. Students must attend weekly practice sessions and travel on a regular basis to receive credit. These credits may be repeated, but will not count toward a Speech specialization or minor.

<p>COMS 396 <i>Radio (90.9 The Light) and TV (Channel 19)</i> 1 hour Advertising Sales Practicum Prerequisite: COMS 220 A practical hands-on experience in raising support for noncommercial radio and TV through sales.</p>	<p>COMS 475 <i>Criticism of Public Address</i> 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.</p>
<p>COMS 397 <i>Advertising /PR Agency Practicum</i> 1 hour Prerequisites: COMS 110, 220, 307, VCAR 222 and either 340 or the set of VCAR 110, 332, 341 While priority will be given to Advertising/PR concentration students, this course is open as an elective to students majoring in Business with the Marketing or Management specialization 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.</p>	<p>COMS 482 <i>Specialized Publications</i> 3 hours (Offered spring semester) Prerequisites: COMS 110, 220, 234, 354; VCAR 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.</p>
<p>COMS 398 <i>Scriptwriting for Visual Media Practicum</i> 1 hour Prerequisites: COMS 110, 220 and 323 Practicum in writing for visual media. Different genres will be addressed from semester to semester.</p>	<p>COMS 483 <i>Advanced Video Production</i> 3 hours (Offered spring semester) Prerequisites: COMS 110, 220, 223, 323, and 333 Writing and production of dramatic and documentary programs for television and Internet distribution. Portfolio development.</p>
<p>COMS 399 <i>Ad Team</i> 1 hour Prerequisite: Permission of the instructor</p>	<p>COMS 484 <i>Communication Law and Ethics</i> 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.</p>
<p>COMS 454 <i>Radio News Production</i> 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.</p>	<p>COMS 485 <i>Investigative Reporting</i> 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.</p>
<p>COMS 455 <i>Communication Theory</i> 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.</p>	<p>COMS 486 <i>Media Bias</i> 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.</p>
<p>COMS 464 <i>Media Applications</i> 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.</p>	<p>COMS 488 <i>Survey of Media Business Practices</i> 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.</p>
<p>COMS 465 <i>Rhetorical Theory</i> 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.</p>	<p>COMS 489 <i>Communication Campaigns</i> 3 hours Prerequisites: COMS 110, 220, 234, 307, and either 346 and 356, or 357 and 367; VCAR 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.</p>
<p>COMS 473 <i>TV News Production</i> 3 hours Prerequisites: COMS 110, 220, and either COMS 223 and COMS 333 or COMS 101, 324 and 454 A study of the theory and practice of writing and preparing news copy and packages for TV broadcast.</p>	<p>COMS 490 <i>Crisis Communication</i> 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.</p>
<p>COMS 474 <i>Advanced Audio Production</i> 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.</p>	

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 499 *Internship* 1-6 hours
 Prerequisites: Junior or Senior status and required GPA. Completion of a minimum of 24 hours of Communication Studies courses other than COMS 101 and written consent of the department chairperson. Written application must be approved during the previous semester. The course is not intended to be duplicated for additional credit. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

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 200 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
ISYS 110
 Prerequisite: MATH 110 or permission of instructor
 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 and MATH 121 or higher
 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
 Prerequisites: CSCI 111
 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
 Prerequisite: CSCI 112
 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
 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 325 *Database Management Systems* 3 hours
 Prerequisites: CSCI 215, MATH 250 and MATH 211 or MATH 201
 The study of database management systems, database architecture, design, queries, applications, administration and implementation. The course will focus on data normalization, SQL (queries), and the use of relational technology for building database applications. Projects will be assigned to provide hands-on experience with the SQL language and relational database management software packages. (Formerly CSCI 424).

CSCI 340 *Studies in Information Security* 3 hours
 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 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 *Intro to Unix* 3 hours
 Prerequisite: CSCI 112 or ISYS 212
 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 355 *Computer Network Architecture and Programming* 3 hours
 Prerequisite: CSCI 215
 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 434 *Theory of Programming Languages* 3 hours
 Prerequisite: CSCI 215
 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
 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 and 443
 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 and MATH 321 or approval of instructor

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 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

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: 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 and permission of instructor
Selected topics in various areas of computer science. May be repeated for credit when topic varies.

CSCI 499 *Internship* 1 to 6 hours
Prerequisites: Junior status, required GPA and permission of Faculty Intern Advisor.

Application procedures processed through the Career Center. Must apply semester prior to completing internship.

ECONOMICS

ECNC 110 *Survey of Economics* 3 hours

A survey of general economic principles and concepts for non-business majors. It presents a broad overview of economic theory, including history, development, and application. Terms, definitions, policies, and philosophies of market economics are introduced and comparison with other economic systems are provided. Exposure to microeconomic and macroeconomic concepts is included.

ECNC 213 *Principles of Economics I (Micro)* 3 hours

An introduction to the theory and history of free exchange and economic inquiry. Free market thought will be scrutinized from the perspective of the Christian understanding of human behavior and contrasted with other paradigms. Specific topics include examination of the “economic question,” the tools of economic analysis with focus on the applicability to the study of human behavior, the market process, demand and the consumer, cost and supply, market structure, government regulation, and resource demand and supply.

ECNC 214 *Principles of Economics II (Macro)* 3 hours

This course is an introductory continuation of Principles of Economics I. Topics include supply and demand for the public sector, financial institutions, and aggregated economic behavior. The latter includes discussions of national income accounting, and an inquiry into the origins and dynamics of inflation, unemployment and economic growth.

ECNC 495 *Directed Research* 1 to 3 hours

ECNC 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 EDSP364 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 preparation 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 126 *Computer Applications Practicum for Educators* 1 hour

This course is designed to allow the beginning teacher candidate to be competent in the computer knowledge needed for teachers.

EDUC 220 *Differentiated Teaching and Learning (Elementary)* 2 hours

Prerequisites: EDUC 125, 126 (*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, 126 (*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, 126, 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 125/126*, 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: 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 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, EDUC 220 or 221, 225/226 or 235/236 or KINE 245; 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

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 *Intro to Microprocessors* 3 hours

Prerequisite: ENGE 201 and MATH 350

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

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 481 *Computer Engineering Design I* 3 hours

Prerequisite: ENGR 381

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.

ENGC 482 *Computer Engineering Design II* 3 hours

Prerequisite: ENGC 481

The third course in the design sequence where students are exposed to engineering design and development. Design process culminates in prototype development, gathering performance data and presenting final design in briefing to peers and department faculty.

ENGC 495 *Directed Research* 3 hours

Prerequisite: Junior or Senior status and permission of the 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 *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. Application procedures processed through the Career Center.

ELECTRICAL ENGINEERING

ENGE 201 *Introduction to Logic Design* 3 hours

Prerequisite: MATH 121 or MATH 128 (may be taken concurrently)

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

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

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 321*(can be taken concurrently)

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

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

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 321, ENGR 210 and MATH 231
 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
 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
 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 321
 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
 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
 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 481 *Electrical Engineering Design I* 3 hours
 Prerequisite: ENGR 381
 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.

ENGE 482 *Electrical Engineering Design II* 3 hours
 Prerequisite: ENGE 481
 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.

ENGE 495 *Directed Research* 3 hours
 Prerequisites: Junior or Senior status and permission of the 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 *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. Application procedures processed through the Career Center.

INDUSTRIAL AND SYSTEMS ENGINEERING

ENGI 220 *Engineering Economy* 3 hours
 Prerequisite : MATH 131
 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 System* 3 hours
 Prerequisite: MATH 131.
 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
ISYS 300
 Prerequisites: MATH 121 and 201 or MATH 211 or ENGR 210.
 Advanced forecasting and data modeling methods and techniques.

ENGI 305/ *Data Analysis Methods and Modeling* 3 hours
ISYS 305
 Prerequisite: ENGI 300 or ENGR 210.
 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
 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: ENGR 210 and MATH 321
 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.
 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
 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/ ISYS 420 *Advanced Data Analysis Methods and Modeling* 3 hours

Prerequisite: ENGI 305

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: ENGI 350

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: Senior status in Engineering.

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: ENGR 210, ENGI 340, 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 481 *Engineering Design I* 3 hours

Prerequisites: Senior Status and Instructor Approval.

The first course in the capstone design sequence that emphasizes the analysis and design of manufacturing systems, systems integration, safety, economics, as well as the ethical and societal implications of the design.

ENGI 482 *Engineering Design II* 3 hours

Prerequisite: ENGI 481

The second course in the design sequence where the emphasis is on detailed design and system development. The course culminates in the development of a prototype, tests for requirement completeness and performance, and a final presentation to peers and department faculty.

ENGI 495 *Directed Research* 3 hours

Prerequisite: Junior or Senior status and permission of the 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. Application procedures processed through the Career Center.

ENGLISH

ENGL 100 *Basic Composition* 1 or 3 hours

Emphasis on functional grammar, paragraph development, vocabulary building and enrichment reading. Open to all students but required of students who have low scores on national tests or Liberty University placement tests. Students must receive at least a "C" to be eligible for ENGL 101. A designated section of ENGL 100 is required for ESL students. This course may not meet the General Education requirement in English.

ENGL 101 *Composition and Rhetoric* 3 hours

Prerequisite: ENGL 100 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, three of which are argumentative essays incorporating external sources.

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 literary research paper, sequentially developed, are required.

ENGL 201 *American Literature I* 3 hours

(Offered fall semester)

Prerequisite: ENGL 102 or advanced standing on the placement test

A survey from the early Colonial period through the American Renaissance. Two critical papers are required.

ENGL 202 *American Literature II* 3 hours

(Offered spring semester)

Prerequisite: ENGL 102 or advanced standing on the placement test

A survey of American literature following the American Renaissance. Two critical papers are required.

ENGL 215 *English Literature I* 3 hours

(Offered fall semester)

Prerequisite: ENGL 102 or advanced standing on the placement test

A survey of English literature from its beginning to 1660. Two critical papers are required.

ENGL 216 *English Literature II* 3 hours

(Offered spring semester)

Prerequisite: 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

(Offered every semester)

Prerequisite: ENGL 102 or advanced standing on the placement test

A survey of Western Literature from the beginnings through the Renaissance period. Two critical papers are required.

ENGL 222 *World Literature II* 3 hours

(Offered spring semester)

Prerequisite: ENGL 102 or advanced standing on the placement test

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

(Offered spring semester, even numbered years)

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

(Offered every semester)

A critical interpretation of literature for children and young adults. Research paper required.

ENGL 311 The English Novel 3 hours

(Offered fall semester, odd numbered years)

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

(Offered every semester)

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

(Offered fall semester, even numbered years)

A study of the poetry and non-fictional prose published between 1830 and 1900. Research paper required.

ENGL 322 Shakespeare 3 hours

(Offered every semester)

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

(Offered every semester)

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

(Offered fall semester, odd numbered years)

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

(Offered spring semester, odd numbered years)

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

(Offered fall semester, even numbered years)

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

(Offered spring semester, odd numbered years)

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

(Offered spring semester, even numbered years)

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

(Offered every semester)

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

(Offered fall semester)

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

(Offered spring semester)

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

(Offered spring semester, odd numbered years)

This course provides a critical interpretation of Christian fantasy literature. Students will read selected texts by Christian writers from the 19th through the 21st Centuries, making application to the struggle between good and evil. Research paper required.

ENGL 364 History of the English Language 3 hours

(Offered every semester)

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

(Offered spring semester, even numbered years)

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

(Offered on demand)

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

(Offered on demand)

A study of selected masterful styles of writing as background for the development of one's own style.

ENGL 402 Modern Novel 3 hours

(Offered spring semester, even numbered years)

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

(Offered fall semester, even-numbered years)

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
(Offered spring semester)

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
(Offered fall semester, odd numbered years)

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

(Offered fall semester)

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
(Offered spring semester)

Extensive reading in modern drama beginning with the works of Ibsen. Research paper required.

ENGL 432 *Modern Poetry* 3 hours

(Offered fall semester, even numbered years)

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
(Offered every semester)

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
(Offered fall semester, odd numbered years)

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
(Offered spring semester, odd numbered years)

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
(Offered spring semester)

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
(Offered fall semester, odd numbered years)

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
(Offered fall semester, odd-numbered years)

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
(Offered fall semester, even numbered years)

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
(Offered fall semester)

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
(Offered spring semester, odd numbered years)

A study of the principal writers of the 17th century, other than Milton. Research paper required.

ENGL 495 *Directed Research* 1 to 3 hours
(Offered on demand)

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
(Offered on demand)

Prerequisite: Junior or Senior status
Professorial-supervised experience in first-hand internship opportunities: writing, editing, researching and comparable duties. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

GENERAL ENGINEERING

ENGR 110 *Introduction to Engineering and Problem Solving* 3 hours

Prerequisite: MATH 128(may be taken concurrently)

Introduction to discipline of Engineering and the use of programming languages to solve engineering problems.

ENGR 210 *Probability and Statistical Methods for Engineering* 3 hours

Prerequisite: (ENGR 110 or CSCI 110) and MATH 132

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 201, 202, 215, 216, 221 or 222

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

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 377 *Engineering Ethical and Legal Issues* 3 hours
Prerequisite: Junior or Senior status

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.

ENGR 381 *Engineering Design Introduction* 3 hours
Prerequisite: Junior Status and MATH 334

Introduction to the design process. Topics include system engineering, team dynamics, design specifications, conceptual design, scheduling, developing a business plan, market survey, and budgeting.

SOFTWARE ENGINEERING

ENGS 205 *Professionalism in the Software Life Cycle* 3 hours
Prerequisite: CSCI 112

Principles of software engineering and professional software engineering practice and ethics. Topics, including object-oriented analysis using UML, frameworks, APIs, the client-server architecture, interface programming, security, intellectual property and social consequences, will be presented within the context of the software life cycle.

ENGS 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 software 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.

ENGS 361 *Software Requirements Analysis* 3 hours
Prerequisite: ENGS 205

Principles and techniques for eliciting and representing software requirements, including validation techniques, measurement of external qualities, documentation standards, traceability, and requirements management.

ENGS 362 *Software Design and Architecture* 3 hours
Prerequisite: ENGS 361* and CSCI 215. *May be taken concurrently.

An in-depth view of the design phase of the software life cycle, including a study of design patterns, frameworks, and architectures. The appropriate use of metrics will measure design qualities in evolving designs. Reengineering and reverse engineering will also be introduced.

ENGS 363 *Software Testing and Quality Assurance* 3 hours
Prerequisites: ENGS 361* and 362. *May be taken concurrently.

An introduction to systematic software V&V and quality assurance, including both process and product. Topics include testing management, testing throughout the life cycle, techniques including non-execution and execution based testing, test metrics, and the roles involved in the testing process.

ENGS 375 *Introduction to Human Computer Interaction* 3 hours
Prerequisite: CSCI 215 or ISYS 312

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 CSCI 375).

ENGS 405 *Secure Software Engineering* 3 hours
Prerequisite: ENGS 361, 362, or 363

Introduction to the basic issues of information system security and the engineering principles used to secure software systems. Topics include the planning, management, policies, procedures, and personnel needed to protect the confidentiality, integrity, and availability of information systems. Also covered are specific threats, such as malicious code and network attacks, and commonly used countermeasures, such as access control, firewalls, and intrusion detection systems.

ENGS 481 *Senior Capstone Projects I* 3 hours
Prerequisite: Senior status, ENGS 363 and 375.

Students will develop a significant real software system while following appropriate project management techniques, including the development of a project plan, requirements, design, implementation, and quality assurance. Continued in ENGS 482.

ENGS 482 *Senior Capstone Projects II* 3 hours
Prerequisite: ENGS 481

Continuation of ENGS 481. Completion of the software system initiated in ENGS 481 while considering factors such as safety, security, economics, and ethical and societal implications.

ENGS 495 *Directed Research* 1-6 hours
Prerequisite: Junior or Senior status and permission of the 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.

ENGS 497 *Special Topics in Software Engineering* 3 hours
Prerequisite: Permission of the instructor.

Selected topics in various areas of Software Engineering. May be repeated for credit when topic varies.

ENGS 499 *Internship* 1-6 hours
Prerequisite: Major in Software Engineering, permission of the instructor, and Junior or Senior status.

Placement in a software or related organization for a controlled learning experience within the student's career specialization area. Application procedures processed through the Career Center.

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.

ETHNOMUSICOLOGY

ETHM 411 *Music and World Cultures* 3 hours

An introductory study of cultural traditions, belief systems, and practices of world cultures as approached through the study and analysis of the music of ethnic groups.

EVANGELISM

EVAN 101 *Evangelism and the Christian Life* 2 or 3 hours

An in-depth study of how to lead people to Christ. Special attention will be given to the theology of all aspects of evangelism including the follow-up. Various methods of approach and presentation will be considered. Emphasis will be placed on evangelism and the local church for conservation of results.

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 field of family and consumer sciences including the history, philosophy, career opportunities and trends.

FACS 113/ *Introduction to Design* 3 hours
VCAR 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.

FACS 205 *Development of Contemporary Families* 3 hours

Origin and description of contemporary American patterns in response to changes in society and technology.

FACS 220 *Design and Construction I* 3 hours
(4 hours lecture; 2 hours lab)

Aesthetic principles of design in wardrobe selection and construction.

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

Development of criteria for designing residential, commercial and institutional interiors. Emphasis is on analyzing special needs of individuals and families and implementing appropriate designs to fulfill those needs.

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. Developmentally appropriate curriculum will be emphasized.

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 105 or BIOL 102

Study of the manufacturing processes involved in the production of fabrics from raw to finished form for use in clothing and home furnishing. The cost and care to the consumer is also analyzed.

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 or permission of the instructor

A survey of materials and structural components for interiors with an emphasis on both aesthetic and performance characteristics.

FACS 350 *Family Economic Decisions* 3 hours

Theory and application of management related to the family throughout the life cycle. Place and function of decision-making in realizing values and goals in the use of the family resources.

FACS 365 *Daycare Administration* 3 hours

Prerequisite: FACS 260 or permission of the instructor

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* 3 hours

PSYC 300 *Development*

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
 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: FACS 220 or permission of instructor
 The study of design principles as related to apparel. Illustration of fashion apparel using a variety of media. Development of a line of clothing included.

FACS 425 *Design and Construction II* 3 hours
 (4 hours lecture; 2 hours lab)
 Prerequisite: FACS 220 or permission of instructor
 Techniques for producing high-quality garments. Emphasis on analysis of construction methods to enable one to select correct techniques for the fabric and application. Contemporary and traditional tailoring concepts are covered.

FACS 427 *Fashion Industry* 3 hours
 Investigation and analysis of concepts in fashion merchandising with special emphasis on problem-solving in promotion, management, and displaying fashion.

FACS 429 *History of Costume* 3 hours
 Prerequisite: Junior or Senior status or permission of the instructor
 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 230 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 230 or permission of the instructor
 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. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

FRENCH

NOTE: All students with one or more years of high school French or 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.

FREN 101 *Elementary French I* 3 hours
 This course will teach the student to understand, speak, read and write simple idiomatic French. It is intended for the student with no previous French study.

FREN 102 *Elementary French II* 3 hours
 Prerequisite: FREN 101 or placement score
 This course will further the objectives of FREN 101 while expanding the student's knowledge of practical vocabulary and functional grammar.

FREN 201 *Intermediate French I* 3 hours
 (Offered fall semester)
 Prerequisite: FREN 102 or equivalent, or placement score
 This course will expand the student's knowledge of practical vocabulary and functional grammar with continued emphasis on speaking, reading and writing idiomatic French.

FREN 202 *Intermediate French II* 3 hours
 (Offered spring semester)
 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

(Offered fall semester)

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

(Offered spring semester, even numbered years)

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 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 302

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. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

FRESHMAN SEMINAR

FRSM 101 *Freshman 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 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 420 *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.

GEOG 495 *Directed Research* 1 to 3 hours

GEOG 497 *Special Topics in Geography* 1 to 3 hours

**GENERAL EDUCATION –
CONTEMPORARY ISSUES**

GNEC 101 *Contemporary Issues I* 1 hour

This course is designed to aid the student in the development of a biblical worldview. This will involve an introduction to critical thinking, an evaluation of contemporary moral philosophies, and an affirmation of absolute truth. Students will be challenged to integrate a biblical worldview into their Christian/Community Service.

GNEC 102 *Contemporary Issues II* 1 hour

This course is a study of contemporary moral issues encountered by students in their Christian/Community Service. Students will be challenged to evaluate these issues and understand their responsibilities to them in light of a biblical worldview.

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.

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.

NOTE: GOVT 200 is a prerequisite to all upper level government courses.

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

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 spring 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

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 fall 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
(Offered fall semester)

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

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 fall semester, odd number years)

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 spring semester, even number years)

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 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 spring 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

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

(Offered fall semester, even number years)

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, odd 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 485 *NDU/NIS Symposia III* 3 hours

GOVT 486 *NDU/NIS Symposia IV* 3 hours

(NOTE: Extra costs above tuition and fees apply)

(Offered fall and spring semesters, when available)

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 490 *Political Theory* 3 hours

(Offered fall semester)

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 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. Application procedures processed through the Center for Academic Support and Advising

Services (CASAS). Must apply semester prior to completing 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.

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 355 *World War II* 3 hours

An examination of the causes, course, and consequences of World War II.

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 366 *Foundations of the Modern Western World* 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.

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 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 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 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. Required of all History majors and minors. Must 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 470 *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.

HIST 490 *Senior Seminar* 3 hours

Prerequisites: HIST 300 and six hours of upper-level history courses

Required capstone history seminar in a special field, emphasizing historiography and historical interpretation and requiring a major research paper.

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 *Field Research (Internship)* 1 to 6 hours

Prerequisites: Junior or Senior status and required GPA

Application procedures processed through the Career Center. Must apply semester prior to completing internship.

HISTORY – WORLD

HITW 320 *History of Africa* 3 hours

Prerequisite: HIEU 201, 202, HIUS 221 or 222

A comprehensive survey of African history.

HITW 441 *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.

HITW 460 *Atlantic World* 3 hours

This course examines the social, cultural, political, and economic interactions of the Atlantic World from circa. 1492 – circa. 1825.

HITW 450 *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.

HITW 471 *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.

HITW 472 *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.

HITW 495 *Directed Research* 1 to 3 hours

HITW 497 *Special Topics in Third World History* 1 to 3 hours

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 342 *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.

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 18th 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 370 *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.

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 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 480 *Modern American Military History* 3 hours

An in-depth study of United States military history in the 20th century.

HIUS 495 *Directed Research* 1 to 3 hours

HIUS 497 *Special Topics in United States 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 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 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 Problems of the Aged* 3 hours

Prerequisite: Junior/Senior status or consent of instructor

The study of major health problems and issues concerning older adults. Emphasis will be placed on prevention of disease and health promotion among older adults.

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

(Offered spring semester)

Development, usage and evaluation of print and non-print materials and methods for health educators in the community setting.

HLTH 453 *Health Planning and Promotion* 3 hours

(Offered fall semester)

An introduction to organizational strategies relevant to business or government employment as Directors of Health Promotion and/or Employee Assistance Programs.

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 Practice in Health Science 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. Application procedures processed through the Career Center. Students must apply during 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

INTER - CULTURAL STUDIES

ICST 200 Introduction to Missions 3 hours

A basic introductory course that presents the philosophy of world evangelization. Particular attention is given to the biblical mandates for discipleship evangelism as they apply to the individual believer and the local church. Discussions include the call, qualifications, message, methodologies of missions and current status of world evangelization. Consideration is given to prayer and theology as they relate to missions also.

ICST 280/ Language Learning for Field 3 hours
LING 280 Workers

The course is a combination of lectures from the instructor and practice sessions with live speakers of some non-European language, with the aim to acquire the skills to learn any foreign language without a teacher.

ICST 299 Internship 0 hours

Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

Field experience under the supervision of a qualified mission coordinator. Application procedures processed through the Career Center. Must apply semester prior to internship.

ICST 300/ 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

ICST 338 Contemporary Mission Problems and Issues 3 hours

Contemporary problems in world missions are examined. Issues and trends are identified and evaluated with possible solutions or alternatives considered. Topics that may affect missions in the future are ecclesiastical, economic, cultural concerns, socio-political, and theological in nature.

ICST 341 Missionary Discipleship and Church Planning 3 hours

An examination of how people are won and nurtured as disciples in a cross-cultural context. Biblical and cultural principles are considered on how these disciples start and develop local indigenous churches that reproduce themselves. Guidelines for church growth and revival are evaluated through student surveys and analyses.

ICST 350 World Religions 3 hours

The basic principles and practices of the most significant world religions are discussed and evaluated in light of biblical truth. The course goes beyond descriptions and identifies points of contact and cultural opportunities for gaining a hearing for the propagation of the gospel.

ICST 355 History and Survey of Missions 3 hours

A survey of world missions historically and geographically. Special attention is given toward trends and personalities impacted by the Gospel. Case studies are made of Christian converts from an assortment of religious backgrounds including their subsequent and successful evangelization of groups within their societies.

ICST 373 Missionary Relationships 3 hours

An in-depth study of the special relationships of a missionary with his Lord, family, supporting churches, the mission agency, and nationals on the field. Special attention is given to deputation, mission policies and procedures as well as common areas of tension between missionaries and between missionaries and national church leaders.

ICST 380 Inter-Cultural Exposure Seminar 3 hours

A seminar that exposes the student to missionary problems, needs, duties, conflicts and cultural barriers while working with a national church in a selected area of the world. The seminar requires on-the-field involvement accompanied with reading, lectures and interaction with mission-related personnel and nationals.

ICST 390 Chronological Bible Storying 3 hours

This course is designed to understand how people "hear" or understand the message, especially in light of the differences in the levels of literacy between the presenter and the hearer, which often impedes effective communication.

ICST 400 Missions Outreach Program (LIGHT) 1 hour

A supervised training practicum for the purpose of preparing student volunteers for team involvement in mission outreach.

ICST 415 Theological Education by Extension (TEE) 3 hours

Consideration is given to the historical development of TEE; biblical, theological and educational principles underlying extension education; organization patterns and problems of extension training; analysis of available programs; the methods, preparation and use of programmed instructional materials for theological education courses.

ICST 420 Theology of Missions 3 hours
(Offered spring semester)

A study of the theological basis for missions in the Old and New Testaments, the Gospel, the adequacy of Christ, the nature and function of the Church, the eschatological picture and the ministry of the Holy Spirit.

ICST 421 Roman Catholicism 3 hours

This is a study of the historical development and major doctrines of the Roman Catholic Church. Special attention is given to the impact of the Vatican II Council and the "Evangelicals Catholics Together" document on evangelism. A biblical evaluation of this church's doctrines and practices is thoroughly treated with guidelines on how to present biblical truths to Catholics.

ICST 430 Urban Ministries Worldwide 3 hours
(Offered spring semester)

A thorough study of third-world problems confronting the missionary endeavor. Special emphasis is placed on growing population and urban centers where multilingualism, prostitution, crime, poverty, racism, disease and housing become major concerns for the church planter. Students acquaint themselves with groups and personalities dealing with social ills.

ICST 431 Intro to Islam 3 hours

A thorough examination of the history, sects and doctrines of the Islamic community, including major theological positions, ethics and issues of political protocol. A biblical evaluation of Islamic doctrines and practices is made with guidelines on how to present biblical truths to Muslims.

ICST 441 Career Missionary Preparation 3 hours

A senior course designed to guide prospective missionaries step-by-step through the process of becoming a field missionary. Guest mission personnel will address matters such as the choice of a mission agency, the application procedures to follow, deputation guidelines, missionary internships, language acquisition, and pre-field-orientation. The principles and practices of selected mission agencies are reviewed and evaluated.

ICST 461 The Church in Mission 3 hours

This course identifies the role, relationships, and responsibilities of the pastor and the missionary to the congregation regarding the Great Commission. It includes subjects such as support, ministry, accountability of the missionary and the mission agency, as well as the pastoral oversight and promotion of local and world evangelism through the local church.

ICST 483 Women's Roles in Missions 3 hours

A comprehensive course of the roles and ministries of women in missions. Consideration is given to the place of women in ministry, the opportunities, needs and the means for women ministries. This study presents the principles and practices that make for effective ministry in and outside the local church.

ICST 485 Pioneer Ministry Orientation (Jungle Camp) 3 hours

A practical experience of learning cross cultural concepts, pioneer and survival ministry skills and cultural adjustments through simulated situations. Leadership skills, group dynamics, and other practical preparations for pioneer ministries.

ICST 488 Integrative Seminar 3 hours

An integrative and interpretive seminar which may take place simultaneously with the Field Internship Experience. It is directed by a faculty member who endeavors to integrate the pre-field orientation concepts with the field internship training experience with emphasis on solving the personal, group and community needs and problems.

ICST 495 Directed Research 1 to 3 hours

Experience in leading, planning and coordinating LU campus mission functions (e.g., Campus Mission Fellowship - CMF). Credit is given only to those who faithfully and effectively serve on approved mission committees for two years. The student must register prior to the fall semester of his/her second year of the practicum to receive credit.

ICST 497 Special Topics in Intercultural Studies 1 to 3 hours

Assorted mission-related topics are addressed as requested. Outside experience personnel in missions share from their field of experience and expertise. Topics can range from world religions in general to finances, organization and administration.

ICST 499 Intercultural Studies Internship 3 to 9 hours

Prerequisites: Junior or senior status and required GPA
Field experience under the supervision of a qualified mission coordinator. A minimum of six hours (one hour per week) is earned after evaluations are submitted and all requirements of the internship have been completed with an approved rating. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

INFORMATION TECHNOLOGY

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.

INTERNATIONAL STUDIES

INTL 460 Holy Land Studies 3 hours

On-site instruction in Palestinian geography, topography, history and archaeology. Conducted in conjunction with the Institute of Holy Land Studies in Jerusalem, this program provides a firsthand look at the land of the Bible. Archaeological sites of importance are viewed and explained in detail. Places relative to the life of Christ are visited with special attention given to Jerusalem, Bethlehem, Capernaum, Nazareth, Jericho, and the cities of Samaria and Galilee.

INTL 495 Directed Research 1 to 3 hours

INTL 497 Special Topics in International Studies 1 to 3 hours

INFORMATION SYSTEMS

(Formerly Computer Management Information Systems – CMIS)

ISYS 110/ CSCI 110 Computing Foundations and Ethics 3 hours

Prerequisites: MATH 110 or approval of instructor.
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.

ISYS 201 Intermediate Microcomputer 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.

ISYS 211 Application Programming 3 hours

Prerequisite: ISYS 110 or CSCI 110

Development of computer and programming skills, problem solving methods, and selected applications. It's a broad-based introduction to programming. Students will learn how to build the program from the design phase all the way through to delivery. Students will have a firm foundation for designing and building their programs, from the ground up.

ISYS 212 Object-Oriented Programming 3 hours

Prerequisites: ISYS 211 or CSCI 111

A study of the general-purpose, secure, object-oriented, portable programs. This course prepares students to program stand-alone applications and applications for the World Wide Web. It will cover features such as programming concepts, data types, operators, flow control statements, objects, classes, methods, arrays, strings, and applets. The concept of object-oriented programming is emphasized.

ISYS 220 Enterprise Data Analysis I 3 hours

Prerequisites: ISYS 110 or CSCI 110; MATH 121

This course is an introduction to basic Data Analysis Concepts and Methods. Students will construct simple algebraic and statistical models of industrial, financial, demographic and other data series.

ISYS 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.

ISYS 300/ ENGI 300 Enterprise Forecasting 3 hours

Prerequisites: (MATH 121 and 201); MATH 211 or ENGR 210

This course is an introduction to basic Statistical Forecasting Concepts and Methods. Students will use application software to construct Forecasting Models of industrial, financial, demographic and other data series.

ISYS 305/ ENGI 305 Data Analysis Methods and Modeling 3 hours

Prerequisite: ISYS 300 or ENGR 210

This course introduces basic Data Transformation and Modeling Concepts and Methods. Students will focus on the transformation of industrial, financial, demographic and other data series so that Exploratory Data Analysis can be done using the transformed data.

ISYS 310 Web Architecture and Development 3 hours

Prerequisite: ISYS 212 or CSCI 112

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.

ISYS 312 Advanced Object-Oriented Programming 3 hours

Prerequisites: ISYS 212 and 310

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.

ISYS 320 IS Hardware and Software 3 hours

Prerequisites: ISYS 211 or CSCI 111

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.

ISYS 325 Database Management Systems 3 hours

Prerequisites: ISYS 212; ISYS 220 or MATH 201

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 currently popular in business and government settings. (Formerly ISYS 450)

ISYS 330 Business Data Communication Systems 3 hours

Prerequisite: ISYS 320

A study of 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.

ISYS 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.

ISYS 351 System Analysis and Design 3 hours

Prerequisite: ISYS 212

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.

ISYS 400 Operations Research in the Enterprise 3 hours

Prerequisites: ISYS 220 or approval of instructor

This course is an introduction to the basic optimization methods of Operations Research, also referred to as Management Science. It will focus on utilizing spreadsheet and the POM/QM Operations Research software for stating and solving Operation Research problems that commonly occur in industrial, financial, demographic and other data series.

ISYS 410 Web Enterprise Technologies 3 hours

Prerequisites: ISYS 310; ISYS 325 or CSCI 325

Provides students with thorough knowledge of current technologies and best practices for developing database driven dynamic websites including database and client side programming.

ISYS 420/ ENGI 420 Advanced Data Analysis Methods and Modeling 3 hours

Prerequisite: ISYS 305

This course will provide the student the opportunity to apply the tools and techniques of Multivariate Data Analysis acquired in previous courses in combination to solve complex and difficult business and industry problems. Operations Research Methods and Multivariate EDA Methods will be applied to a variety of Industry data sets. The student will learn to construct hybrid models for these more difficult cases. Chaos theory will be introduced.

ISYS 430 *Advanced Networking and Communication Systems* 3 hours

Prerequisite: ISYS 330 or CSCI 355

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.

ISYS 460 *Project Management* 3 hours

Prerequisites: ISYS 351 and ENGI 220

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.

ISYS 470 *Executive Perspectives on E-Commerce Technology* 3 hours

Prerequisites: ISYS 310, 351

The capstone course for the Web Technology and Design degree. 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.

ISYS 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.

ISYS 497 *Special Topics in MIS* 3 hours

Prerequisite: Permission of instructor

Selected topics in various areas of management information systems. May be repeated for credit when the topic varies.

ISYS 499 *Internship* 1-6 hours

Prerequisites: Junior or Senior status, required GPA and or permission of Faculty Intern Advisor

Application procedures processed through the Career Center. Must apply semester prior to completing internship.

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 302 Exercise and Sports Injuries** 2 hours
 Prerequisites: 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.
- KINE 310 Physiology of Exercise** 3 hours
 Prerequisites: BIOL 211, 212 and Junior status
 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.
- KINE 311 Analysis of Human Movement** 3 hours
 Prerequisites: BIOL 211, 212 and Junior status
 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.
- KINE 320 Measurement and Evaluation in Health and Kinesiology** 3 hours
 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.
- 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 340 Coaching Strength Training and Conditioning** 3 hours
 Prerequisites: KINE 225 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.
- KINE 350 Biomechanics** 3 hours
 Prerequisite: Junior status
 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.

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 410 *Applied Exercise Physiology* 3 hours

Prerequisites: KINE 310 and Junior status

Corequisite: KINE 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.

KINE 411 *Practicum I* 1 hour

Prerequisites: KINE 310 and Junior status

Corequisite: KINE 410

This course is designed for students in the Fitness Specialist and Exercise Science tracks to gain exposure to exercise testing and fitness programming in the Exercise Science and Human Performance Laboratory. The student must complete 30 clock hours of supervised experience.

KINE 421 *Practicum II* 1 hour

Prerequisites: KINE 310, 410, 411 and Senior status

This course is designed for students in the Fitness Specialist track to gain exposure to exercise testing and fitness programming in exercise and fitness facilities or for students in the Exercise Science track to gain exposure in a therapeutic or rehabilitation setting. The student must complete at least 30 clock hours of supervised experience.

KINE 433 *Exercise Prescription for Special Populations* 3 hours

Prerequisite: KINE 310

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.

KINE 435 *Seminar for Student Teachers* 2 hours

Prerequisites: Admission to Student Teaching; taken concurrently with EDUC 469 and 470.

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 and 208, and 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 and 208, and 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 460 *Exercise Testing, Evaluation, and Prescription* 3 hours

Prerequisites: KINE 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.

KINE 461 *Exercise Leadership* 3 hours

Prerequisite: 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.

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

KINE 499 *Internship in Kinesiology* 3 to 6 hours

Prerequisites: Senior status; minimum overall GPA of 2.25; completion of all Kinesiology core courses and require courses (300-400 level) in either the Fitness Specialist or Exercise Science track; have taken the American College of Sports Medicine's Health Fitness Specialist examination; and a minimum of 2.25 in major courses or consent of the Department Chair.

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. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

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 *Syntax and Phonology in European Languages* 3 hours

(Offered fall semester)

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. (Formerly MLAN 305)

LING 451 *Phonetics and Phonology* 3 hours

(Offered fall semester)

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

(Offered spring semester)

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

(Offered on demand)

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. Application procedures processed through the Career Center. Must apply semester prior to internship.

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, 201217. 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 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'Hopital's Rule, the integral. (MATH 133 is required for mathematics major or minors.)

MATH 132 *Calculus and Analytic Geometry II* 4 hours

Prerequisite: MATH 131, 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, parameterizations of curves, sequences, infinite series, Taylor's Theorem.

MATH 133 *Calculus with Mathematica Lab* 1 hour
Prerequisite: Concurrent enrollment in MATH 131 or credit for MATH 131

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 *Introduction to Probability and Statistics* 3 hours
Prerequisite: MATH 110, minimum grade of "C"

Introduction to descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, chi-square tests, regression analysis, and correlation with applications in business and science.

MATH 211 *Introduction to Statistical Analysis* 3 hours
Prerequisite: MATH 132, minimum grade of "C"

An introduction to statistical analysis for students with a background in calculus. Included in the topics covered are 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 231 *Calculus and Analytical Geometry III* 4 hours
Prerequisite: MATH 132, minimum grade of "C"

A continuation of MATH 132. Geometry of vectors, paths, curvature, functions of several variables, graphs and parametric surfaces, partial derivatives, multiple integrals, curl, divergence, gradient, line and surface integrals, Green's and Stoke's Theorems..

MATH 250 *Introduction to Discrete Mathematics* 3 hours
Prerequisite: MATH 121 or 131, minimum grade of "C"

Set theory, relations, functions, graph theory, planar graphs, trees, mathematical induction and recursion, combinatorial analysis, matrices, propositional calculus and, Boolean logic.

MATH 301 *Methods of Operations Research* 3 hours
(Offered spring semester, odd-numbered years)

Prerequisite: MATH 211, minimum grade of "C"
Optimization (linear programming, Lagrange multipliers, etc.), transportation problems, applied probability (queueing 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
(Offered fall semester)

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
(Offered spring semester, odd-numbered years)

Prerequisite: MATH 200 or 250, minimum grade of "C"
Divisibility, the Euclidean algorithm, greatest common divisor, primes and unique factorization, congruencies, residue classes, the Euler-Format Theorems, power residues, primitive roots, introduction to Diophantine equations, the Gaussian integers, number theoretic functions.

MATH 321 *Linear Algebra* 3 hours
Prerequisite: MATH 200 or 250, minimum grade of "C"

A beginning course in linear algebra and its applications with emphasis on matrix operations. It includes systems of linear equations, nullspace and rank of matrices, determinants, eigenvectors and diagonalization, reduction of quadratic forms. Introduction to abstract vector spaces over the real number and linear mappings.

MATH 331 *Complex Variables* 3 hours
(Offered fall semester)

Prerequisite: MATH 231, minimum grade of "C"
A first course in Complex Analysis including: the field of complex numbers, Argand plane, polar representation and DeMoivre formula, differentiation, Cauchy-Riemann equations, path integrals, Cauchy theorem and Cauchy integral formula. Taylor and Laurent series, poles and residues. Applications.

MATH 332 *Advanced Calculus* 3 hours
(Offered spring semester)

Prerequisites: MATH 200 and 231, minimum grades of "C"
Topological properties of the real line, limits, sequences, continuity, functions of several real variables, vector-valued functions, derivatives, gradient, curl, transformations, Jacobian, Green's Theorem, Stokes' Theorem, line integrals.

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"

Mathematical formalism, sets and binary relations, graphs, algebraic structures, Boolean algebras, logic, linearly ordered sets, elementary number theory, algorithms, and computations.

MATH 352 *Numerical Analysis* 3 hours
(Offered fall semester)

Prerequisite: 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
(Offered Spring semester)

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
(Offered fall semester)
Prerequisites: MATH 211 and 231, minimum grades of “C”
Probability concepts, probability distributions, expectations, functions of random variables, sampling distributions, point estimation, interval estimation, hypotheses testing; theory and applications and regression analysis.

MATH 419 *Teaching Mathematics in Secondary Schools* 2 hours
(Offered fall semester)

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
(Offered fall semester)

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
(Offered fall semester)

Prerequisite: MATH 321, minimum grade of “C”

Mathematical induction, elementary number theory, the theory of groups, sets and mappings, isomorphisms and homomorphisms of groups, and a brief introduction to rings and fields.

MATH 422 *Elementary Abstract Algebra II* 3 hours
(Offered on demand, spring semester)

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
(Offered spring semester)

Prerequisite: MATH 231 and 321, minimum grades of “C”

The real number system, sequences and limits, infinite series, continuous functions, uniform continuity and convergence, and functions of several real variables.

MATH 495 *Independent Research* 1 to 3 hours
Preparation of a mathematical paper in the student’s area of concentration.

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

MUSC 100 *Music Fundamentals* 3 hours

A preparatory course in the rudiments of music that stresses 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.

MUSC 103 *Music Appreciation* 3 hours

A survey course consisting of a basic introduction to major musical styles (including representative composers and compositions) from Antiquity through the 20th century.

MUSC 105 *Music Theory I* 3 hours

This course is the foundation of the student's entire musical experience and comprehension. It includes instruction in the fundamental rhythmic, melodic, and harmonic principles of tonal music. The understanding of these principles is demonstrated through part-writing exercises and the analysis of tonal music. Basic note reading in bass and treble clef is prerequisite. Placement examination given during Freshman Orientation.

MUSC 106 *Music Theory II* 3 hours

Prerequisite: MUSC 105

Instruction in the elements of tonal music. Principles to be learned include: seventh chords, modulation, secondary dominant and leading tone chords. Applications of these principles is made through analysis of tonal music and part-writing exercises.

MUSC 107 *Aural Skills I* 1 hour

Prerequisite: Must be taken concurrently with MUSC 105

The drill and development of music-reading and aural perception skills.

MUSC 108 *Aural Skills II* 1 hour

Prerequisites: MUSC 105 and 107; must be taken concurrently with MUSC 106.

Continuation of the development of music-reading and aural perception skills.

MUSC 111 *Piano Class I* 1 hour

(Meets 1 hour per week.)

Enrollment by audition with the Keyboard Coordinator. A beginning course in keyboard skills for students with little or no experience in piano and for students needing remedial study to support MUSC 105, 120 or 121.

MUSC 112 *Piano Class II* 1 hour

(Meets 1 hour per week.)

(Offered spring semester)

Prerequisite: MUSC 111 Enrollment by permission of the Keyboard Coordinator.

Continuation of MUSC 111.

NOTE: MUSC 111 and 112 taken consecutively are considered as equivalent to one semester of MUSC 141 by the Department of Music and Humanities.

MUSC 120 *Voice Class* 1 hour

Study of the voice in a class situation for the beginning vocalist. Included is a look at the physical aspects of singing, performance standards, and vocal hygiene and technique. Memorization of three songs is required.

MUSC 121 *Voice (Freshman)* 1 or 2 hours

Private lessons in singing, based on department policies. Admission by audition.

MUSC 141 *Keyboard Instruments (Freshman)* 1 or 2 hours

Private lessons in piano, organ or harpsichord performance, based on department policies. Admission by audition.

MUSC 150 *Guitar Class* 1 hour

A class designed for students with no prior experience playing the guitar. Instruction includes technical exercises, chords and chord progressions, and development of music reading and performance skills in classical and contemporary styles.

MUSC 151 *Strings, Brass, Woodwinds, Percussion (Freshman)* 1 or 2 hours

Private lessons in the instruments of band and orchestra, based on department policies.

MUSC 179 *Guitar Ensemble I* 1 hour

Prerequisite: Audition and consent of instructor

This ensemble of guitars performs repertoire composed or arranged for guitar. Activities include a formal concert and may also include other performances both on and off campus.

MUSC 180 *University Chorale I* 1 hour

Prerequisite: Audition by director

The University Chorale is a large mixed choral ensemble that stresses the development of strong choral skills. Activities include a major concert and may also include other performances both on and off campus.

MUSC 181 *Concert Choir I* 1 hour

Prerequisite: Satisfactory vocal and sight reading skills

An auditioned choir with a repertoire of music drawn from all periods of music, both sacred and secular.

MUSC 182 *Chamber Singers I* 1 hour

An auditioned choir which performs sacred and secular music of all music periods, focusing on advanced choral repertoire.

MUSC 183 *Jazz Ensemble I* 1 hour

Prerequisite: Fall audition, membership in Marching Band or Wind Ensemble

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

Open to any student with previous experience on a woodwind, brass or percussion instrument. No audition is necessary for Marching Band. During the fall semester, the band marches at home and selected away football games and in various parades. Placement audition is required.

MUSC 185 *Symphony Orchestra I* 1 hour

The LU Symphony Orchestra is an instrumental ensemble for string, woodwind, brass, and percussion players. The LU Symphony Orchestra performs on and off campus. Membership in this ensemble is by audition only and it is open to students, faculty, and staff of Liberty University.

MUSC 186 *Brass Choir I* 1 hour

An auditioned ensemble comprised of brass instruments. Repertoire includes music from the Renaissance through the present. The purpose is to develop the proficiency and musical understanding of the student through small ensemble rehearsal and performance, including appearances on campus, presentation in schools and concerts at local churches.

MUSC 188 *Woodwind Choir I* 1 hour

An auditioned ensemble of woodwind instruments. Their varied repertoire from Renaissance to the present is performed in LU recitals, area schools and churches.

MUSC 192 *Percussion Ensemble* 1 hour

An auditioned performance ensemble 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.

<p>MUSC 194 <i>Wind Ensemble I</i> 1 hour (Offered spring semester) An auditioned band ensemble for advanced woodwind, brass and percussion students. Repertoire includes original and transcribed wind ensemble works from all eras. The purpose is to develop to proficiency and musical understanding of the student through large ensemble rehearsal and performance, including appearances on-campus and performances during an extended spring tour.</p>	<p>MUSC 251 <i>Strings, Brass, Woodwinds, Percussion and Guitar (Sophomore)</i> 1 or 2 hours Prerequisite: A minimum of two semesters of MUSC 151 Continuation of private lessons in the instruments of the band, orchestra and guitar, based on department policies.</p>
<p>MUSC 205 <i>Music Theory III</i> 3 hours Prerequisites: MUSC 105, 106 Instruction in musical materials including chromatic harmony of the 18th and 19th century tonal practices and stylistic trends from late 19th century to the present.</p>	<p>MUSC 299 <i>Internship</i> 0 hours Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind. Orientation to music teaching in the church, survey of current practices, and observation of live rehearsals. Application procedures processed through the Career Center. Must apply semester prior to internship.</p>
<p>MUSC 206 <i>Music Theory IV</i> 3 hours (Offered spring semester) Prerequisites: MUSC 105, 106, 205 Instruction in principles of the analysis of small and large musical forms and procedures; including binary, ternary, fugue, variation, sonata and rondo.</p>	<p>MUSC 302 <i>Church Music Methods and Materials I</i> 3 hours (Offered on demand) A study of church music repertoire and pedagogy. The patterns of learning as applied to children's choirs are given particular emphasis. Introduction to publishers and suppliers.</p>
<p>MUSC 207 <i>Aural Skills III</i> 1 hour Prerequisites: MUSC 105, 106, 107 and 108 Continuation of the development of music reading and aural perception skills. Must be taken concurrently with MUSC 205.</p>	<p>MUSC 303 <i>Church Music Methods and Materials II</i> 3 hours (Offered on demand) A study in church music resources and pedagogy with special emphasis given to the ministry of the adult choir. Attention is placed on development, role, and repertoire of this, the church's primary ensemble. Areas of instrumental ministry, youth choirs, the praise team, and pageants/ concert series will also be surveyed.</p>
<p>MUSC 208 <i>Aural Skills IV</i> 1 hour (Offered spring semester) Prerequisites: MUSC 105, 106, 107, 108, 205, 207; must be taken concurrently with MUSC 206 Continuation of the development of music-reading and aural perception skills.</p>	<p>MUSC 304 <i>Keyboard Pedagogy</i> 3 hours (Offered fall semester) Prerequisite: Consent of instructor Analysis and teaching of piano technique. Evaluation of private class teaching methods and materials. Brief survey of piano history, construction and maintenance. Introduction to keyboard bibliography. A survey of keyboard literature styles and performance practices.</p>
<p>MUSC 221 <i>Voice (Sophomore)</i> 1 or 2 hours Prerequisite: A minimum of 2 semesters of MUSC 121 Continuation of private lessons in singing, based on department policies.</p>	<p>MUSC 307 <i>Church Music Administration</i> 3 hours (Offered on demand) Principles and administration of church music. Includes organization, the church school, seasonal programming. Development of a music philosophy based on the Bible. Useful to the musician and pastor.</p>
<p>MUSC 241 <i>Keyboard Instruments (Sophomore)</i> 1 or 2 hours Prerequisite: A minimum of 2 semesters of MUSC 141 Continuation of private lessons in piano or organ, based on department policies.</p>	<p>MUSC 309 <i>Orchestration</i> 2 hours (Offered spring semester) Prerequisites: MUSC 105, 106, 205, 206 Instrumentation of scoring for orchestra and symphonic band. Course assignments are primarily scoring for the various instrumental sections, culminating in a setting for full orchestra or band of a selected keyboard work.</p>
<p>MUSC 243 <i>Class Piano Level III</i> 1 hour Prerequisite: MUSC 112 or audition. Class instruction designed for music majors pursuing piano as a secondary area of performance in the Bachelor of Music degree program. Placement in this course is determined by audition with the Keyboard coordinator each semester.</p>	<p>MUSC 311 <i>Music History Before 1750</i> 3 hours (Offered fall semester) Prerequisites: MUSC 105, 106, 205 and 206 A survey of Western European music from 500 B.C. to 1750 A.D.</p>
<p>MUSC 244 <i>Class Piano Level IV</i> 1 hour Prerequisite: MUSC 243 or audition. Class instruction designed for music majors pursuing piano as a secondary area of performance in the Bachelor of Music degree program. Placement in this course is determined by audition with the Keyboard coordinator each semester.</p>	<p>MUSC 312 <i>Music History Since 1750</i> 3 hours (Offered spring semester) Prerequisites: MUSC 105, 106, 205 and 206 A systematic survey of music history since the Baroque era.</p>
<p>MUSC 245 <i>Class Piano Level V</i> 1 hour Prerequisite: MUSC 244 or audition. Class instruction designed for music majors pursuing piano as a secondary area of performance in the Bachelor of Music degree program. Placement in this course is determined by audition with the Keyboard coordinator each semester.</p>	<p>MUSC 316 <i>Choral Conducting</i> 2 hours (Offered fall semester) Prerequisites: MUSC 105 and 106 Expressive approach to directing choral ensembles. Development of basic conducting techniques with emphasis on musical interpretation of selected works.</p>
<p>MUSC 246 <i>Class Piano Level VI</i> 1 hour Prerequisite: MUSC 245 or audition. Class instruction designed for music majors pursuing piano as a secondary area of performance in the Bachelor of Music degree program. Placement in this course is determined by audition with the Keyboard coordinator each semester.</p>	<p>MUSC 317 <i>Instrumental Conducting</i> 2 hours (Offered spring semester) Expressive approach to directing instrumental ensembles. Development of baton and left-hand techniques with emphasis on musical interpretation of selected works. In-depth discussion of personal study, rehearsal techniques and performance.</p>

- MUSC 318 *Choral Arranging*** 2 hours
(Offered fall semester)
Prerequisites: MUSC 105, 106, 205, 206
A study of the techniques and procedures required in arranging and composing for voices through extensive written assignments.
- MUSC 319 *Choral Literature*** 2 hours
(Offered fall semester, even numbered years)
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 321 *Voice (Junior)*** 1 or 2 hours
Prerequisites: A minimum of two semesters of MUSC 221 and successful completion of the performance review
Continuation of private lessons in singing, based on department policies.
- MUSC 330 *Computer Literacy for Musicians*** 2 hours
(Offered spring semester)
Prerequisites: MUSC 105, 106, 107, and 108 or permission of instructor
The study of computer applications in music, including competencies in the use of music notation software, sequencing, sorting and retrieving data from a file and printing music.
- MUSC 331 *Composition*** 2 hours
(Offered on demand)
Prerequisites: MUSC 206 and 208; may be repeated
Introduction to music composition, with detailed attention to style and notation.
- MUSC 341 *Keyboard Instruments (Junior)*** 1 or 2 hours
Prerequisites: A minimum of 2 semesters of MUSC 241 and a pass on the Degree Candidacy Audition
Continuation of private lessons in piano or organ, based on department policies.
- MUSC 351 *Strings, Brass, Woodwinds, Percussion and Guitar (Junior)*** 1 or 2 hours
Prerequisites: A minimum of 2 semesters of MUSC 251 and a pass on the Degree Candidacy Audition.
Continuation of private lessons in the instruments of the band, orchestra and guitar, based on department policies.
- MUSC 355 *Brass Class*** 2 hours
(Offered spring semester)
Preparation for teaching brass instruments. Emphasis on teaching technique and actual playing of brass instruments.
- MUSC 357 *Woodwind Class*** 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 363 *Percussion Class*** 2 hours
(Offered spring semester)
Prerequisites: MUSC 105 and 106
Preparation for teaching the basic percussion instruments and traps. Development of demonstration and playing abilities.
- MUSC 374 *String Class*** 2 hours
(Offered fall semester)
Prerequisites: MUSC 105 and 106
Heterogeneous instruction in 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 consent of instructor
Review of the teaching methods of Applebaum, Muller-Rusch, Rolland and Suzuki. Examinations of various materials for private and classroom use. Continued development of performance technique. Recommended for Music Education majors.
- MUSC 380 *Instrumental Overview*** 2 hours
(Offered fall semester)
Prerequisites: MUSC 105 and 106
A study of the instructional techniques of woodwind, brass, string and percussion instruments for vocal music teachers. This course is designed to prepare vocal music teachers for teaching musical instruments at the basic skills level. Teaching skills involved in holding the instrument, embouchure, various aspects of technique, and ensemble playing principles are stressed.
- MUSC 390 *Foundations of Vocal Technique*** 2 hours
(Offered fall semester)
Prerequisite: MUSC 106
This course provides preparation in the vocal area for students training to be instrumental teachers but who also need to be prepared to assume choral-vocal responsibilities K-12. Basic vocal skills and familiarity with vocal materials are stressed.
- MUSC 393 *Vocal Diction*** 3 hours
(Offered fall semester)
The study of Latin, Italian, German and French pronunciation (enunciation and articulation) as applied to vocal texts in these languages, through use of the International Phonetic Alphabet.
- MUSC 398 *Junior Recital*** 1 hour
Prerequisites: Completion of the MUHU Junior Candidacy Review; completion of one semester of junior level private music performance instruction; and co-enrollment in the second semester of junior level private music performance instruction.
- 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 407 *Solo Vocal Literature*** 3 hours
(Offered spring semester, odd numbered years)
Prerequisite: MUSC 206. Required for all voice majors.
A survey of solo literature for the voice from the Baroque period to the present. Emphasis on the German Lied and French melodie.
- MUSC 408 *Vocal Pedagogy*** 3 hours
(Offered spring semester, even numbered years)
Prerequisite: Consent of instructor
Acquainting the prospective vocal instructor with the complex psychophysical phenomena of the vocal act, with the hope that scientific facts, linguistic knowledge and aesthetic understandings will provide the student with tools to diagnose vocal problems, understand the voice of the student and guide the student to beautiful interpretation of song.
- MUSC 411 *Marching Band Techniques*** 2 hours
(Offered on demand)
A study of the methods and materials utilized in the development of marching band drill design. Students will demonstrate the ability to create idea sketches, analyze music and movement, and transform ideas into detailed movement on the field, computerized drill design, computer software, and the mechanics of charting are discussed.
- MUSC 421 *Voice (Senior)*** 1 or 2 hours
Prerequisite: A minimum of 2 semesters in MUSC 321
Continuation of private lessons in singing, based on department policies. May be repeated as needed.
- MUSC 437 *Elementary Music Methods and Materials*** 2 hours
(Offered spring semester)
Prerequisites: Admission to the Teacher Licensure Program; taken concurrently with MUSC 438

An exploration of elementary music school methods and materials. Topics include philosophy, objectives, materials, current trends, and procedures for teaching music at the elementary grade school level.

MUSC 438 *Elementary Music Methods and Materials Practicum* 1 hour

(Offered spring semester)

Prerequisite: Admission to the Teacher Licensure Program; taken concurrently with MUSC 437

Classroom teaching observation and practice. Fifteen hours of monitored classroom observation and teaching in an elementary music school classroom; written evaluation of observing and teaching experiences required.

MUSC 441 *Keyboard Instruments (Senior)* 1 or 2 hours

Prerequisite: A minimum of 2 semesters of MUSC 341

Continuation of private lessons in piano or organ, based on department policies. May be repeated as needed.

MUSC 451 *Strings, Brass, Woodwinds Percussion and Guitar (Senior)* 1 or 2 hours

Prerequisite: A minimum of 2 semesters of MUSC 351

Continuation of private lessons in the instruments of the band, orchestra and guitar, based on department policies. May be repeated as needed.

MUSC 470 *Opera Workshop* 1 hour

(Offered fall semester)

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.

MUSC 477 *Guitar Pedagogy* 3 hours

Prerequisite: Consent of instructor

This course focuses on analysis of the elements of guitar technique and on developing skills in teaching pupils how to play the classical guitar. Students observe, evaluate and implement techniques used in guitar classes and private lessons, and survey proven approaches to help pupils learn, interpret, memorize and perform music from the classical guitar repertoire.

MUSC 479 *Guitar Ensemble II* 1 hour

Prerequisite: Two semesters of MUSC 179

Continuation of MUSC 179. This ensemble of guitars performs repertoire composed or arranged from guitar. Activities include a formal concert and may also include other performances both on and off campus. Students are expected to exhibit higher levels of performance and leadership.

MUSC 480 *University Chorale II* 1 hour

Prerequisite: Four semesters of MUSC 180

Continuation of MUSC 180.

MUSC 481 *Concert Choir II* 1 hour

Prerequisite: Four semesters of MUSC 180, 181 and/or 182

Continuation of MUSC 181.

MUSC 482 *Chamber Singers II* 1 hour

Prerequisite: Four semesters of MUSC 180, 181 and/or 182

Continuation of MUSC 182.

MUSC 483 *Jazz Ensemble II* 1 hour

Prerequisites: Fall Audition, membership in Marching and/or Wind Ensemble, and 4 semesters of MUSC 183.

Continuation of MUSC 183

MUSC 484 *Marching Band II* 1 hour

Prerequisite: Four semesters of MUSC 184 and/or 185

Continuation of MUSC 184.

MUSC 485 *Symphony Orchestra II* 1 hour

Prerequisite: Four semesters of MUSC 184, 194, and/or 185

Continuation of MUSC 185.

MUSC 486 *Brass Choir II* 1 hour

Prerequisite: Four semesters of MUSC 186

Continuation of MUSC 186.

MUSC 488 *Woodwind Choir II* 1 hour

Prerequisite: Four semesters of MUSC 188

Continuation of MUSC 188.

MUSC 489 *Supervised Praise and Worship Ensemble* 1 hour

Practical experiences for the worship leader in training in small mixed instrumental/vocal ensembles common in contemporary worship settings. These experiences are supervised by qualified faculty.

MUSC 490 *Secondary Music Methods and Materials* 2 hours

Prerequisite: Admission to the Teacher Licensure Program; taken concurrently with MUSC 491

(Offered fall semester)

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 Teacher Licensure Program; 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* 1 hour

Prerequisite: Four semesters in MUSC 192.

Continuation of MUSC 192.

MUSC 494 *Wind Ensemble II* 1 hour

(Offered spring semester)

Prerequisite: Four semesters of MUSC 184 and/or 194

Continuation of MUSC 194.

MUSC 495 *Directed Research* 1 to 3 hours

Directed research into musicological topics, such as music history, theory, sociology, iconography, or any of the other major areas of music research. The research will be presented as a completed research paper, lecture or lecture-recital. Students will be directed individually or in small seminar groups, as may be appropriate. Directed research may also be done in practical aspects of music performance and administration.

MUSC 497 *Special Topics in Music* 1 to 3 hours

MUSC 498 *Senior Recital* 1 hour

In-depth study of music materials used by the participant in preparation and presentation of senior recital.

MUSC 499 *Internship* 1 to 6 hours

Prerequisites: Junior or Senior status and required GPA

Orientation to music teaching in the church, survey of current practices, and observation of live rehearsals.

NATURAL SCIENCE

NASC 315 *Environmental Science* 4 hours

(Offered Spring Semester)

(3 hours lecture, 3 hours lab)

Prerequisites: BIOL 101 or 110, MATH 110, and 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 200 *Critical Thinking in Nursing*** 1 hour
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 and evaluating information for clinical decision-making.
- NURS 210 *Health Assessment*** 2 hours
(1 hour lecture; 3 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 215 *Sciences in Nursing*** 3 hours
Prerequisite: BIOL 211
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 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*** 5 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 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
 (2-1/2 hours lecture; 4-1/2 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
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 490 *Leadership/Management in Nursing* 3 hours
(1 hour lecture; 6 hours clinical)
Prerequisites: NURS 301, 302, 352 and 353

NOTE: Must be taken the last semester of nursing major

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 495 *Directed Research* 1 to 3 hours

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 210 *Logic* 3 hours
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
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
A study of major western philosophers through Thomas Aquinas.

PHIL 302 *History of Philosophy II* 3 hours
A study of major western philosophers from the 13th century to Kant.

PHIL 303 *History of Philosophy III* 3 hours
A study of major western philosophers of the 19th and 20th Centuries.

PHIL 346 *Eastern Philosophies* 3 hours
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
A survey of central ethical issues and problems and the major philosophical approaches to their solution.

PHIL 360 *Philosophy of Science* 3 hours
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
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
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
A study of the major issues in religion: the existence of God, the problem of evil, freedom and determinism, and religious language.

PHIL 495 *Directed Research* 1 to 3 hours

PHIL 497 *Special Topics in Philosophy* 1 to 3 hours
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 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: PHSC 101 or 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)
 Prerequisite: MATH 131 and 132 (may be a co-requisite)
 A study of mechanics, gravitation, waves, sound, heat, light, electricity and magnetism, optics and modern physics using calculus-based mathematics as a tool in problem solving.
- PHYS 232** *University Physics II* 4 hours
 (3 hours lecture; 2 hours lab)
 Prerequisite: PHYS 231
 A continuation of PHYS 231.
- PHYS 495** *Directed Research* 1 to 3 hours

PASTORAL LEADERSHIP

- 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 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 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 450** *Organization and Administration 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.
- PLED 495** *Directed Research* 1 to 3 hours
PLED 497 *Special Topics in Pastoral Ministries* 1 to 3 hours
PLED 499 *Pastoral Ministries Internship* 1 to 6 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 Career Center. Must apply semester prior to completing internship.

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 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 300/** *Psychology of Relationship Development* 3 hours
FACS 375
 Prerequisite: PSYC 101 or 210, or permission of instructor
 This course will introduce students to the dynamics of relationship development. Students will read and analyze 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.
- 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, PSYC 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

Prerequisites: PSYC 101 or 210

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

Prerequisite: PSYC 200 or 210

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 355 *Statistics in Psychology* 3 hours

Prerequisites: MATH 201, PSYC 255

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

This course examines the research from the social sciences, showing the benefits of marriage to those married and to society at large, as well as the biblical basis for marriage and family. The course also investigates the research regarding family strength, incorporates instruction relating to preparation for marriage, and offers marital and family enrichment.

PSYC 365 *Psychological Foundations of Learning* 3 hours

Prerequisite: Nine additional hours of psychology

A study of human learning, including examination of conditioning, modeling, cognitive development, and high level thought processes. Models of behaviorism, social learning, cognitive development, memory, motivation, and attribution theories will be evaluated.

PSYC 371 *Theories in Counseling and Psychotherapy* 3 hours

Prerequisite: PSYC 341

The principal current theoretical approaches to counseling and psychotherapy represented and evaluated. Exploration of techniques and methods in group and individual counseling.

PSYC 380 *Physiological Psychology* 3 hours

Prerequisite: Nine additional hours of psychology

Study of neurological aspects of human behavior for those who intend to further their study in psychology or related fields. Major objectives include developing appreciation for the complex

functioning of the human body, acquiring basic understandings of the primary mechanisms of behavior and investigating medical advances affecting these areas.

PSYC 401 *History and Systems of Psychology* 3 hours
Prerequisite: Nine additional hours of psychology

The history of psychology from its beginnings in early philosophical thought to the present. Emphasis is on the last century of developments in the field, the life, and works of historically eminent psychologists.

PSYC 405 *Group Dynamics* 3 hours

The study of human personality in relationship to other persons, singularly and in groups. The application of the principles of group dynamics to business, industry, public and private life will be examined in theory and demonstrated with exercises.

PSYC 406 *Addictions and the Recovery Process* 3 hours
Prerequisite: PSYC 306 or permission of the instructor

This course provides to students knowledge of addictions and the recovery process. Students will learn about dual diagnosis, comorbid issues, adjunctive treatment and support, addiction and special populations (women, adolescents, same-sex attraction, etc.), codependency, relapse prevention, crisis management and counseling and HIV.

PSYC 407 *Addictions Groups, Ethics and the Community* 3 hours

Prerequisites: PSYC 371 and 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 401 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, 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: Senior status, major in psychology
Selected topics in psychology will be treated at an advanced level. Experience will be acquired in clinical settings and through exposure/intern opportunities. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

SPORT MANAGEMENT

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 or concurrent enrollment in SMGT 205

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
Prerequisite: SMGT 200, ISYS 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
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: SMGT 200, 201, ISYS 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 agreement, regulation agencies, employee-employer relations, contracts and educational enterprises in relation to sport management.

SMGT 306 *Coaching Basketball* 3 hours
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

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

Prerequisites: Coaching minors must have completed SMGT 300 and SMGT 307. 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: ISYS 201, ENGL 101, 102, COMS 101, SMGT 302

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 *Sport Ministry* 3 hours

Prerequisites: SMGT Majors must have completed SMGT 200 and 201. Open to all students.

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

A study of rules, game procedures, methods and practice in officiating athletic activities.

SMGT 399 *Interim Internship* 3 hours

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 Career Center.

SMGT 400 *Sport Psychology* 3 hours

Prerequisite: Completion of all 300 level SMGT courses.

Coaching Minors: This is a required course.

This course is a study of the major facets and recent advances in sport psychology to provide a comprehensive and practical guide to psychological concepts and theories. In addition, strategies and techniques designed to help future coaches and sport psychology consultants cultivate peak performance and personal growth is examined.

SMGT 404 *Administration and Organization in Sport* 3 hours

Prerequisite: Junior status

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 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 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 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: Junior status

SMGT 499 *Internship* 1 to 12 hours

Prerequisite: 2.15 GPA; 90 hours completed; consent of instructor

Placement with a sport organization for a controlled learning experience with the student's career specialization area. Application procedures processed through the Career Center.

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 French or 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

A beginning course in the Spanish language with primary emphasis on the development of audio-lingual as well as reading and writing skills. Intended for students with no previous Spanish training.

SPAN 102 *Elementary Spanish II* 3 hours

Prerequisite: SPAN 101, or placement score

This course will further the objectives of SPAN 101 while expanding student's knowledge of practical vocabulary and functional grammar.

SPAN 201 *Intermediate Spanish I* 3 hours

Prerequisite: SPAN 102, or placement score

Through student presentations and the reading of contemporary prose, this course will expand student's knowledge of practical vocabulary and functional grammar with continued emphasis on speaking, reading and writing idiomatic Spanish.

SPAN 202 *Intermediate Spanish II* 3 hours

Prerequisite: SPAN 201, or placement score

Readings as the starting point for written and orally interactive activities in Spanish. Topics will vary so that each semester will feature subjects such as medical Spanish, business Spanish, culture or literature.

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.

SPAN 301 *Advanced Spanish Grammar and Composition* 3 hours

(Offered fall semester)

Prerequisite: SPAN 202 or equivalent

This course features in-depth study of advanced Spanish grammar critical to increased proficiency. It is recommended that this course be taken with or prior to courses in Spanish translation.

SPAN 302 *Advanced Spanish Composition and Conversation* 3 hours

(Offered fall semester, even-numbered years)

Prerequisite: SPAN 202 or equivalent

Development of practical vocabulary and fluency in speaking and writing. Class conducted in Spanish.

SPAN 304 *Civilization/and Culture of Latin America* 3 hours

(Offered spring semester, even-numbered years)

Prerequisite: SPAN 202 or equivalent

Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of Latin American culture, from the conquest to the present. Social-economic problems and relationships with the United States will also be studied. Class conducted in Spanish.

SPAN 305 *Civilization and Culture of Spain* 3 hours

(Offered spring semester, odd-numbered years)

Prerequisite: SPAN 202 or equivalent

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

(Offered fall semester, odd-numbered years)

Prerequisite: SPAN 202 or equivalent

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. Class conducted in Spanish.

SPAN 320 *Cinema and Dramatic Literature* 3 hours

(Offered spring semester, odd-numbered years)

Prerequisite: SPAN 202 or equivalent

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. Class conducted in Spanish.

SPAN 321 *Modern Spanish Literature* 3 hours

(Offered spring semester, odd-numbered years)

Prerequisite: SPAN 202 or equivalent

Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of modern Hispanic literature. Class conducted in Spanish.

SPAN 322 *Peninsular Literature* 3 hours

(Offered spring semester, even-numbered years)

Prerequisite: SPAN 202 or equivalent

Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of modern Spanish Peninsular literature. Class conducted in Spanish.

SPAN 323 *Latin American Literature* 3 hours
 (Offered fall semester, odd-numbered years)
 Prerequisite: SPAN 202 or equivalent

Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of Latin American literature since pre-Columbian times. Class conducted in Spanish.

SPAN 324 *Christianity in Latin America* 3 hours
 (Prerequisite: 200-level English survey class)
 (Offered fall semester, odd-numbered years)

Features Christianity in Latin American Culture from a 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).**

SPAN 410 *Advanced Translation* 3 hours
 (Offered spring semester, even-numbered years)
 Prerequisite: SPAN 202 or equivalent

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. Conducted in Spanish.

SPAN 421 *Masterpieces of Spanish Literature* 3 hours
 (Offered spring semester, even-numbered years)
 Prerequisite: Spanish literature course

Selected masterpieces of Spanish literature to be studied in depth. Projects and research papers featuring use of Internet and other pertinent technologies. Conducted in Spanish.

SPAN 450 *Senior Seminar: Comparison Between Spanish and Latin American Literature* 3 hours
 (Offered spring semester, even-numbered years)

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. The course will be conducted in Spanish.

SPAN 495 *Directed Research* 1 to 3 hours
 (Offered on demand)

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
 Application procedures processed through the Career Center. Must apply semester prior to completing internship.

TEACHING ENGLISH AS A SECOND LANGUAGE

TESL 333 *Modern Grammar* 3 hours
 (Offered every semester)

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
SPAN

(Offered spring semester)
 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
 (Offered fall semester)

Prerequisite: TESL/SPAN 403
 This is a course in classroom practices in Teaching English as a Second or Foreign Language, focusing on: assessment; error analysis; and teaching in the four language areas of speaking,

listening, reading, and writing. For application in all areas of TES/FL, including: TEL/FL for adult learners; workplace English; non-traditional ESL learning; tutoring; and teaching abroad.

TESL/ 419 *Methodology and Curriculum in SPAN Teaching Modern Languages* 2 hours
 (Offered fall semester)

Prerequisites: Admission to Teacher Licensure Program, TESL/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.

TESL/ 420 *Methods Teaching Practicum* 1 hour
SPAN

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
 (Offered on demand)

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
 (Offered on demand)

Prerequisite: Junior or Senior status
 Professorial-supervised experience in first-hand internship opportunities in Teaching English as a Second/Foreign Language. Application procedures processed through the Career Center. Must apply semester prior to completing 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. Six out of eight production credits must be in the student's chosen specialization.

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 *Basic 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
(Offered spring semester)
A workshop in which the student studies and applies vocal technique peculiar to the theatrical stage.
- THEA 299 *Internship*** 0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Practical application of knowledge under the supervision of a practicing theatre professional approved by the Chair of Theatre. Application procedures processed through the Career Center. Must apply semester prior to internship.
- THEA 300 *Play Production II*** 1 hour
Prerequisites: THEA 200, audition, or consent of the instructor
A theatre practicum focusing on managerial, performance, or technical aspects of major production under the guidance of the Chair of Theatre or appropriate members of the Theatre Arts faculty. Students are required to take three THEA 300 sections for the major. Six out of eight production credits must be in the student's chosen specialization.
- THEA 310 *Basic Acting II*** 3 hours
Prerequisite: THEA 220
A workshop in which the student builds upon skills and concepts learned in THEA 220, and advances these concepts to the next level of application, prior to courses in more stylized acting.
- THEA 312 *Script Analysis*** 3 hours
(Offered fall semester)
Prerequisite: THEA 211 or 212
A study in basic critical analysis of a script as performance text as used by actors, stage managers, directors, and playwrights for production purposes.
- THEA 320 *Directing*** 3 hours
(Offered spring semester, odd-numbered years)
Prerequisites: THEA 211 or 212, 220, 310, 312, successful completion of Sophomore Hearing
A study of the various theories and methodologies of play direction.
- THEA 350 *Writing for the Stage*** 3 hours
(Offered fall semester)
Prerequisites: THEA 211 or 212
Tutorials and group workshops emphasizing the techniques of writing and rewriting for a stage performance, with the goal of developing a one-act play.
- THEA 352 *Writing for Church Drama*** 3 hours
(Offered spring semester, odd-numbered years)
Prerequisites: THEA 211 or 212, 312 or 350
A workshop of playwriting techniques and development of a one-act play meant for church performance.
- THEA 360 *Costume and Makeup Design*** 3 hours
(Offered fall semester, even-numbered years)
Prerequisites: THEA 211, 212, 312, successful completion of Sophomore Hearing
A study of costume and makeup design techniques peculiar to the stage.
- THEA 380 *Lighting and Scene Design*** 3 hours
(Offered spring semester, odd-numbered years)
Prerequisites: THEA 211, 212, 312, successful completion of Sophomore Hearing
A study of lighting and scene design techniques peculiar to the stage.
- THEA 390 *Stage Accents*** 3 hours
(Offered fall semester, even-numbered years)
Prerequisites: THEA 220, 250, 310, successful completion of Sophomore Hearing
A workshop in which the student builds upon vocal techniques studied in THEA 250 by adding the study of various accents and dialects most commonly performed on the stage.
- THEA 400 *Play Production III*** 1 hour
Prerequisites: THEA 200, 300; audition or consent of the instructor
A theatre practicum focusing on managerial, performance, or technical aspects of major productions under the guidance of the Chair of Theater or appropriate members of the Theatre Arts faculty. Students are required to take three THEA 400 sections for the major. Six out of eight production credits must be in the student's chosen specialization.
- THEA 410 *Drama in the Church: History and Practice*** 3 hours
(Offered spring semester)
The student learns of the conception of theatre, its relationship to the church, and how to make theatre applicable to today's church, specifically through craft and management skills. This chronological survey of theatre covers drama from the Greeks to the present.
- THEA 411 *Stage and Theater Management*** 3 hours
(Offered spring semester, even-numbered years)
Prerequisites: THEA 211, 212, 220, 312, successful completion of Sophomore Hearing
A study of management techniques peculiar to the stage.
- THEA 420 *Advanced Acting*** 3 hours
(Offered spring semester)
Prerequisites: THEA 212, 220, 310, successful completion of Sophomore Hearing
A workshop in which the student builds upon skills and concepts learned in THEA 220 and THEA 310, and advances these concepts to the next level of application.
- THEA 422 *Classical Acting*** 3 hours
(Offered fall semester, odd-numbered years)
Prerequisites: THEA 211, 220, 250, 310, successful completion of Sophomore Hearing
A study of the major classical tragedies and comedies which emphasize the historical development of production and performance concepts.
- THEA 440 *Stage Movement*** 3 hours
(Offered fall semester)
Prerequisites: THEA 220, 310, successful completion of Sophomore Hearing
An advanced acting workshop concentrating on movement peculiar to this genre, specifically for movement concentrated performances in musical theatre and Shakespeare.
- THEA 450 *Musical Theatre Performance*** 3 hours
(Offered fall semester)
Prerequisites: THEA 211 or 212, 220, 250, 310, successful completion of Sophomore Hearing
The history, development, and performance of musical theatre as an art form from the late 19th century to the present.
- THEA 460 *Advanced Musical Theatre Performance*** 3 hours
(Offered spring semester, odd-numbered years)
Prerequisites: THEA 211 or 212, 220, 250, 310, 420, 450, successful completion of Sophomore Hearing
An advanced acting workshop for musical theater acting techniques peculiar to this genre. THEA 460 is a continuation of the techniques and skills gained in THEA 450.
- THEA 490 *Senior Project*** 2 hours
(Offered spring semester)
Prerequisites: Consent of Chair of Theatre, must be last 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

specialization (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 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. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

THEOLOGY

THEO 201 *Theology Survey I* 3 hours

This is a general survey of Bible doctrine designed to synthesize and outline each of ten major areas of systematic theology, including prolegomena, bibliography, theology proper, Christology, angelology, and pneumatology.

THEO 202 *Theology Survey II* 3 hours

This is a continuation of general survey of Bible doctrine designed to synthesize and outline each of the ten major areas of systematic theology. Survey II includes anthropology, hamartiology, soteriology, ecclesiology and eschatology.

THEO 311 *Revelation, Authority and Reason* 3 hours

This course is designed to acquaint the student with fundamental issues in theological prolegomena, i.e., introductory questions concerning the Word as revealed in apologetics, hermeneutics and dogmatics, and the sources of authority (the Bible, the Church, the World, etc.).

THEO 313 *The Person and Work of Christ* 3 hours

A study of the Person and work of Christ as revealed through Messianic prophecy, the Incarnation and His ministry as Prophet, Priest, and King. Special attention is given to the contributions of John and Paul to a full understanding of this doctrine.

THEO 340 *Theology and Politics* 3 hours

This course is designed to relate Christian thought to societal ethics and responsibility through the auspices of important theological mentors and movements. The relation between the church and state will also be studied in scripture, as well as in church history. Specific ethical issues of ecclesiastical and societal concerns (abortion, capital punishment, nuclear war, etc.) will be addressed.

THEO 350 *Fundamental Theological Issues* 3 hours

Prerequisites: THEO 201 and 202

A study of the major theological questions which arise in the defense of biblical inerrancy, scriptural separation, creationism and dispensationalism. It also deals with such contemporary issues as the charismatic movement, feminism, situation ethics and other vital concerns to the fundamentalist in today's world. (Formerly THEO 250).

THEO 412 *The Church: Its Mission and Hope* 3 hours

An examination of the New Testament Church with particular concern given to its origin, its distinctive nature, its mission, its function, its government, its offices, its ordinances and its destiny.

THEO 430 *Modern and Contemporary Theology* 3 hours

This course will analyze and interpret the theology of major thinkers in the 19th and 20th centuries. In light of past enlightenment trends in Western religious thought, study will be done of the background of such theological trends both for understanding and critical assessment. Representatives of classical liberalism, neo-orthodoxy, existentialism and post-existential schools will be stressed.

THEO 495 *Directed Research* 1 to 3 hours

VISUAL COMMUNICATION ARTS

VCAR 105 *Art Appreciation* 3 hours

The 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.

VCAR 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. (Formerly COMS 113).

VCAR 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.

VCAR 210 *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 110).

VCAR 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.

VCAR 223 *Typography* 3 hours

Prerequisites: VCAR 222

The study of type as a tool and a design element. Type identification, text and display usage, and actual letterform design.

VCAR 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.

VCAR 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.

VCAR 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).

VCAR 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.

VCAR 310 Drawing 2 3 hours

Prerequisites: VCAR 210

Intermediate level of study of compound subjects in pencil, charcoal, and ink, continued attention to problems of VCAR 210. (Formerly ARTS 210).

VCAR 320 Painting 1 3 hours

Introduction to painting. Panel and canvas preparation, exercises exploring color properties, modeling of tone and illumination. (Formerly ARTS 220).

VCAR 330 Sculpture 1 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.

VCAR 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.

VCAR 340 Publication Design 3 hours

Prerequisite: VCAR 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.

VCAR 341 Graphic Design 3 hours

Prerequisites: VCAR 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 VCAR 341 cannot take VCAR 340. Portfolio presentation. (Formerly COMS 341).

VCAR 351 Digital Imaging 3 hours

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.

VCAR 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.

VCAR 371 Advanced Graphics 3 hours

Prerequisites: VCAR 222, 34322, 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).

VCAR 400 Travel Study 3 hours

Prerequisite: VCAR 201

Travel to various destinations for study of art, architecture and culture.

VCAR 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.

VCAR 420 Painting 2 3 hours

Prerequisite: VCAR 320

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.

VCAR 430 Sculpture 2 3 hours

Prerequisite: VCAR 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.

VCAR 461 Advanced Digital Photography 3 hours

Prerequisite: VCAR 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.

VCAR 472 Interactive Multimedia 3 hours

Prerequisite: VCAR 222

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).

VCAR 473 2D/3D Graphics and Animation 3 hours

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.

VCAR 474 Interactive Game Development 3 hours

Prerequisite: VCAR 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.

VCAR 492 Professional Practices 3 hours

Prerequisites for Graphic Design students: VCAR 222, 223, 332, 341, 351, 371

Prerequisites for Studio Art students: VCAR 310, 320, 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).

VCAR 495 Directed Research 1 to 3 hours

As determined by instructor.

VCAR 496 Workshop in Visual Communication Arts 1 to 3 hours

As determined by instructor.

VCAR 497 Special Topics in Visual Communication 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.

VCAR 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.

Application procedures processed through the Career Center. Must apply semester prior to completing internship.

WORSHIP STUDIES

WRSP 101 Introduction to Worship Studies 3 hours

This course is an introductory study of worship as related to the five senses. Application is made to lighting design, audio and video production, presentation software, banners, choreography and movement, staging, and a variety of multi-media possibilities. Students will prepare a class project that represents understanding and application of creative worship.

WRSP 102 Introduction to Creative Worship 3 hours

This course is an introductory study of worship as related to the five senses. Application is made to lighting design, audio and video production, presentation software, banners, choreography and movement, staging, and a variety of multi-media possibilities. Students will prepare a class project that represents understanding and application of creative worship.

WRSP 103 Harmonic Practices and Theory I 3 hours

(Offered fall semester)

(Must be taken concurrently with WRSP 105)

A practical introduction to harmonic, melodic, and rhythmic principles of music for the worship leader. 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. Special attention is given to the Nashville Number System and jazz harmony practices as an accepted methodology for music analysis. Examination of contemporary Christian music genres provides resource for practical application of harmonic principles.

WRSP 104 Harmonic Practices and Theory II 2 hours

(Offered spring semester)

Prerequisite: WRSP 103; must be taken concurrently with WRSP 106

A continuation of WRSP 103. Harmonic analysis, part-writing techniques, and chord construction are taught in conjunction with the

Nashville Number System, jazz analysis, and traditional figured bass. The skill of harmonic analysis, multiple part writing, and construction of rhythm charts as tools for worship leading are applied to principles of modulation, common chords, major-minor seventh chords, diminished seventh chords, and altered or borrowed chords.

WRSP 105 Musicianship I 1 hour

(Offered fall semester)

(Must be taken concurrently with WRSP 103)

Listening skills for the worship leader are developed through rhythmic, harmonic, and melodic dictation. Skills are refined through daily sight singing and rhythm exercises from a variety of sources including contemporary Christian, praise and worship literature. Special attention is given to tonal center referencing. Application is made to the worship leader's responsibility to identify harmonic rhythm while listening to popular Christian and secular music.

WRSP 106 Musicianship II 1 hour

(Offered spring semester only)

Prerequisite: WRSP 103, 105; must be taken concurrently with WRSP 104.

A continuation of WRSP 105. Further study of harmonic, rhythmic, and melodic dictation is applied to worship leading responsibility and tasks. Continued development of tonal center referencing is emphasized. Students continue to sharpen their listening skills by identifying the harmonic rhythm of popular and contemporary Christian music genres.

WRSP 120 Beginning Group Voice 1 hour

Instruction in vocal technique, and the performance of various musical styles. Includes instruction in musicianship, and performance techniques. Emphasis on preparation for various worship ministries. Audition required. Fulfills the secondary vocal requirement.

WRSP 125 Voice (Freshman) 1 hour

Private lessons in singing based on departmental policies. Admission by audition.

WRSP 140 Beginning Group Piano I 1 hour

A group course for students having limited but developing keyboard experience. Strategies for keyboard playing are realized through group instruction, communication of principles for good musicianship, practice room techniques, physical aspects of keyboard playing, and care of the instrument. Instruction includes technical exercises, chords and chord progressions, and development of music reading and performance skills. Fulfills the secondary instrumental requirement in keyboard. Audition required.

WRSP 141 Beginning Group Piano II 1 hour

Prerequisite: WRSP 140

A continuation of WRSP 140. This is a group piano course crafted to continue developing keyboarding skills for the worship service. Through the study of contemporary worship songs, the student will acquire improvisational and sight reading skills. This course in an elective for worship majors with a piano primary proficiency. Fulfills the secondary instrumental requirement in keyboard. Audition required.

WRSP 145 Keyboard Instruments (Freshman) 1 hour

Private lessons in piano, organ, or harpsichord performance, based on department policies. Admission by audition.

WRSP 150 Beginning Group Guitar 1 hour

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.

- WRSP 155** *Strings, Brass, Woodwinds, Percussion (Freshman)* 1 hour
Private lessons in the instruments of the band and orchestra based on department policies.
- WRSP 180** *Worship Chorale* 1 hour
Prerequisite: Audition or permission of instructor; required for all worship majors.
This large ensemble provides the opportunity to experience the various styles of music used in the choral program of a large worship ministry: Black Gospel, traditional gospel, worship and praise, scripture song, sacred classic, Southern Gospel, and more.
- WRSP 189** *TRBC Choir* 1 hour
(Requirement for 2nd Semester of Freshman Year)
The course essentially involves the choir and orchestra ministry of Thomas Road Baptist Church. It is required of every worship major during the second semester of their first year. 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.
- WRSP 201** *Old and New Testament Principles of Worship* 3 hours
Prerequisite: WRSP 101, 102
This course presents principles of Old and New Testament Worship. Included is a discussion of pre-tabernacle, tabernacle, temple, and synagogue worship. An overview of how Jesus, the disciples, and the early Christians worshipped is made in light of how believers will practice Worship in eternity.
- WRSP 203** *Harmonic Practices and Theory III* 2 hours
(Offered fall semester)
Prerequisites: WRSP 103, 104; must be taken concurrently with WRSP 205
A continuation of WRSP 104. The study includes a thorough investigation of jazz and extended harmonies used in contemporary worship music. Worship students continue to learn and apply analytical technique to various song styles. Principles of harmonic function are taught and applied to representative worship literature forms.
- WRSP 204** *Harmonic Practices and Theory IV* 2 hours
(Offered spring semester)
Prerequisite: WRSP 103, 104, 203; must be taken concurrently with WRSP 206
A continuation of WRSP 203. Music structure and form are studied and applied to various historical literature and worship genres. Principles of melodic contour are applied to basic songwriting technique. Worship students learn principles of 2-part counterpoint, fugue, and variation technique as related to new and familiar contemporary Christian music literature.
- WRSP 205** *Musicianship III* 1 hour
(Offered fall semester)
Prerequisite: WRSP 103, 104, 105, 106; must be taken concurrently with WRSP 203
A continuation of WRSP 106. Intensive development of the worship leader's listening skills is applied to tonal center referencing, harmonic dictation, melodic identification, and rhythmic imitation.
- WRSP 206** *Musicianship IV* 1 hour
(Offered spring semester)
Prerequisite: WRSP 103, 104, 105, 106, 203, 205; must be taken concurrently with WRSP 204.
A continuation of WRSP 205. Intense Development of the worship leader's listening skills is applied to tonal center referencing, harmonic dictation, melodic identification, and rhythmic imitation.
- WRSP 220** *Intermediate Group Voice* 1 hour
Prerequisite: WRSP 120 or recommendation by audition.
This is a continuation of principles learned in WRSP 120. Intermediate-level Class Voice. Continued instruction in vocal technique, and various musical styles. Includes instruction in musicianship and performance techniques. Students study principles of vocal diction and general rules for singing in foreign language. Emphasis is placed on preparation for various worship ministries. Fulfills the secondary requirement in voice. Can be taken for two semesters. May substitute for WRSP 121 (Private Voice).
- WRSP 221** *Intermediate Group Voice II* 1 hour
Prerequisites: WRSP 180 and 220 with minimum grade of "C"
A group study of vocal practice and vocal technique which focuses on the continued development of principles and concepts learned in WRSP 220, using a different repertoire. Designed for the singer with limited experience, emphasis is placed on the development of good vocal quality and a resonant, free voice, the anatomy of the voice and breathing mechanisms. Can be taken for two semesters. May substitute for WRSP 121 (Private Voice).
- WRSP 225** *Voice (Sophomore)* 1 hour
Prerequisite: 2 semesters of WRSP 125
Continuation of private lessons in singing, based on department policies.
- WRSP 240** *Intermediate Group Piano* 1 hour
Prerequisite: WRSP 141
A continuation of WRSP 141. Instruction includes technical exercises, chords and chord progressions, and development of music reading and performance skills as applied to the worship ministry. Primary attention is given to developing improvisational skills. Thorough study and application of acquired skills to contemporary worship songs and traditional hymns. Students are expected to participate in group sight-reading exercises. Fulfills the secondary instrumental requirement in keyboard. Audition required.
- WRSP 245** *Keyboard Instruments (Sophomore)* 1 hour
Prerequisite: 2 semesters of WRSP 145
Continuation of private lessons in piano or organ, based on department policies.
- WRSP 250** *Intermediate Group Guitar* 1 hour
Prerequisite: WRSP 150
A continuation of WRSP 150. Instruction includes continuation of technical exercises, more advanced chords and chord progressions, and continued development of music reading and performance in classical, Contemporary Christian and jazz styles. Beginning improvisational techniques and chord substitutions and construction will also be explored as related to the worship ministry.
- WRSP 251** *Intermediate Group Guitar II* 1 hour
Prerequisite: WRSP 250 or permission of instructor
Instruction includes technical exercises, more advanced chords and chord progressions, and further development of music reading and performance in classical, contemporary Christian and jazz styles. Scale studies and extended chords will be stressed. Beginning improvisational techniques and chord substitutions and construction will also be explored as applied to the worship ministry. Designed to fulfill the need for secondary instrumental requirement in guitar. Audition required.
- WRSP 255** *Strings, Brass, Woodwinds, Percussion (Sophomore)* 1 hour
Prerequisite: 2 semesters of WRSP 155
Continuation of private lessons in the instruments of the band and orchestra, based on department policies.
- WRSP 285** *Worship Orchestra* 1 hour
Prerequisite: Audition or permission of instructor
This is an instrumental ensemble that provides students opportunity to experience and perform the various styles of music used in a worship program of a large evangelical worship ministry.

The ensemble usually includes rhythm section, wind, brass, strung and percussion instruments. On occasion, the group may include vocals. A primary function of the group is to provide accompaniment to the choral ensembles in the Department of Worship and Music Studies.

WRSP 286 *The Gospel Choir* 1 hour
Prerequisite: Audition by Department of Worship and Music Studies

The Gospel Choir is a 25-member choir representing the diverse African American Worship Traditions through music and ministry. The ensemble serves in an official public relations capacity for the University and Center for Worship. The Gospel Choir generally participates in annual music events, weekly convocations, TRBC worship services, LU fundraising events and an annual spring tour. The singing group participates in annual missions ministry during the course of each academic calendar. The Gospel Choir is approved for credit toward the worship and music studies degree.

WRSP 287 *Worship Guitar Ensemble* 1 hour
Prerequisite: Audition or permission of instructor.

An auditioned guitar ensemble specializing in the study of jazz or classical music. Reading and musical interpretation or rhythms and notation are stressed. Improvisational and accompaniment skills are developed. The ensemble performs on campus once each semester.

WRSP 289 *Celebration Worship Choir* 1 hour
Prerequisite: Audition by director

This is a large ensemble providing students opportunity to experience the various styles of music used in the choral program of a large worship ministry: Black Gospel, traditional gospel, worship and praise, scripture song, sacred classic, Southern Gospel, and more. The choir will participate in an annual spring tour.

WRSP 302 *Dynamics of Instrumental Worship* 3 hours
Prerequisites: WRSP 103, 104, 105, 106, 203, 204, 205, and 206.

Principles of the development and performance practice of instrumental music in the traditional and non-traditional worship service. Students learn the importance of building the rhythm section. Additional time is spent on rehearsal and performance techniques for building and directing praise band, rhythm section with small, medium and large orchestra, and praise band with vocal ensemble.

WRSP 303 *Dynamics of Worship Leading* 3 hours
Prerequisites: WRSP 103, 104, 105, 106, 203, 204, 205, 206, and 302

This is a worship methods class that deals with principles and processes of building a music program for the non-traditional worship service. Attention is given to pedagogy of vocal groups for adult singers. Students also learn the development, role, and repertoire of large and small ensembles in the worship service.

WRSP 310 *Arranging for Contemporary Worship* 3 hours
Prerequisites: WRSP 103, 104, 105, 106, 203, 204, 205, 206, and 330

This course is designed to teach the basics of arranging for a small ensemble focusing on contemporary worship styles. Two areas are covered: (1) a study of the principles of arranging for, coordinating, and directing a contemporary vocal ensemble, and (2) proper instrumental arranging, both independent of, and in accompaniment of vocal ensembles.

WRSP 311 *Worship Practicum I* 1 hour
Prerequisites: WRSP 101, 102, 201, 320

Practical, supervised application of worship in a leadership role at Thomas Road Baptist Church, or with an approved local church, is taken the first semester of a student's junior year. Application of leadership principles may include, but are not limited to:

participation and presentation of praise team; praise band; youth or children's music; orchestra; multi-media software; radio or television ministry; drama; worship movement; banner; or any other area deemed essential to a growing worship program.

WRSP 312 *Worship Practicum II* 1 hour
Prerequisites: WRSP 101, 102, 320

This is a continuation of the practical, supervised application of leadership in a worship ministry at Thomas Road Baptist Church, or with an approved local church. Students are placed in a supervisory role and learn principles of team management in the preparation, planning, and presentation of worship. The course is taken second semester of a student's junior year and builds on principles learned the previous semester.

WRSP 315 *Basic Conducting for the Worship Leader* 3 hours
Prerequisites: WRSP 103, 104, 105, 106

Rudimentary instruction in conducting techniques for worship leaders in non-traditional worship 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.

WRSP 319 *Advanced Group Voice* 1 hour
Prerequisites: WRSP 221 with a minimum grade of "C".

A continuation of WRSP 221 using a repertoire different from those studied in previous WRSP courses. This group study for advanced vocalists places emphasis on vocal quality, resonance, flexibility, articulation, dynamics, expression, performance technique and vocal health. This course provides the preparation necessary for ministry in leading worship and in solo performance.

WRSP 320 *History and Philosophy of Worship* 3 hours
Prerequisites: WRSP 101, 102, 201

This is the study of the Revival Movement, overview of British and American hymnology, the Great Awakenings, and Evangelical Worship practices as compared to biblical principles through church history. A study is made of the modern worship movements and practices, including: Liturgical; traditional; blended; and modern publishers of contemporary Christian music: Integrity, Vineyard, Passion, and Maranatha worship models.

WRSP 321 *Principles of Worship Leadership* 3 hours
Prerequisites: WRSP 101, 102, 201, 302

This course is about the worship leader's responsibility to build relationships with Christ, the family, people inside and outside the church, the pastoral staff, praise team ministry, the profession, and the congregation. Practical principles of Church ministry including time management, budgeting, and discipleship training are part of this course.

WRSP 325 *Voice (Junior)* 1 hour
Prerequisite: Two semesters of WRSP 255 and successful completion of the performance review

Continuation of private lessons in singing, based on department policies.

WRSP 330 *Worship Technology I: Music Notation* 3 hours
Prerequisites: WRSP 103, 104, 105, 106 and 203; or permission of instructor

The study of computer competencies for the use of Finale music notation software in the church music and Christian Music Industry setting. 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. Offered every semester.

- WRSP 331 *Worship Technology II: Sequencing and Programming*** 3 hours
 Prerequisites: WRSP 103, 104, 105, 106, and 330, or permission of the instructor
 This course is the investigation of computer applications in music for worship, 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 the weekly worship ministry.
- WRSP 340 *Advanced Group Piano*** 1 hour
 Prerequisite: WRSP 240 or recommendation by audition
 A group piano course for students continuing to develop keyboard abilities and broaden music experiences. The purpose of this course is to continue to develop keyboarding skills for the worship service. Through the study of contemporary worship songs and traditional hymns, the student will acquire arranging techniques for the piano and become a better equipped musician in contemporary and blended worship services. Fulfills the secondary instrumental requirement in keyboard. Audition required.
- WRSP 345 *Keyboard Instruments (Junior)*** 1 hour
 Prerequisites: Two semesters of WRSP 245
 Continuation of private lessons in piano or organ, based on department policies.
- WRSP 350 *Advanced Group Guitar*** 1 hour
 Prerequisite: WRSP 251 or permission of instructor
 Group guitar lessons covering more advanced chords and chord progressions than in WRSP 251; further development of music reading and performance in classical, contemporary Christian and jazz styles. More advanced improvisational techniques and chord substitutions and constructions will also be explored. Sight reading of classical literature and contemporary lead sheets and harmonies in all styles will be stressed.
- WRSP 355 *Strings, Brass, Woodwinds, Percussion (Junior)*** 1 hour
 Prerequisite: Two semester of WRSP 255
 Continuation of private lessons in the instruments of the band and orchestra, based on department policies.
- WRSP 370 *Private Songwriting*** 1 hour
 Prerequisite: WRSP 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.
- WRSP 371 *Survey of Songwriting*** 3 hours
 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. Offered Fall semester only.
- WRSP 372 *Christian Music Industry*** 3 hours
 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. Offered Spring semester only.
- WRSP 385 *Worship Orchestra*** 1 hour
 Prerequisite: Audition by Director
 Continuation of WRSP 285.
- WRSP 386 *The Gospel Choir*** 1 hour
 Prerequisite: Audition by Director
 Continuation of WRSP 286.
- WRSP 387 *Worship Guitar Ensemble*** 1 hour
 Prerequisite: Audition by director
 Continuation of WRSP 287.
- WRSP 389 *Celebration Worship Choir*** 1 hour
 Prerequisite: Audition by director
 A continuation of WRSP 289
- WRSP 390 *Junior Worship Program*** 1 hour
 A faculty-supervised 20minute presentation of a worship program. Ten minutes is devoted to traditional, classical music suitable for worship ministry. Ten minutes is devoted to literature representative of contemporary Christian, worship and praise, gospel song, or hymn-style music. The student must demonstrate the ability to organize a worship program using a variety of media, drama, lighting, and instrumentation.
- WRSP 400 *Music Literature for Worship*** 3 hours
 Prerequisites: WRSP 302, 303
 A study of the materials used in program building of instrumental and coal ensembles in non-traditional worship settings. Evaluation is made of select publishers to investigate musical, audio, video, and software recourses availability with application to contemporary Christian worship ensemble.
- WRSP 421 *Congregational Ministry*** 3 hours
 Prerequisites: WRSP 101, 102, 201, 302, 320
 This is a study of congregational worship practices in the evangelical traditions. Special 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 worship ministry.
- WRSP 425 *Voice (Senior)*** 1 hour
 Prerequisite: 2 semesters of WRSP 325
 Continuation of private lessons in singing, based on department policies.
- WRSP 445 *Keyboard Instruments (Senior)*** 1 hour
 Prerequisite: 2 semester of WRSP 345
 Continuation of private lessons in piano or organ, based on department policies. May be repeated as needed.
- WRSP 455 *Strings, Brass, Woodwinds, Percussion (Senior)*** 1 hour
 Prerequisite: 2 semesters of WRSP 355
 Continuation of private lessons in instrument for band or orchestra, based on department policies.
- WRSP 489 *Supervised Praise and Worship Ensemble*** 1 hour
 Practical experiences for the worship leader in training in small mixed instrumental/vocal ensembles common in contemporary worship settings. These experiences are supervised by qualified faculty.
- WRSP 490 *Senior Worship Program*** 1 hour
 This is a faculty supervised, 40 minute presentation of a worship program. The student must demonstrate the ability to organize a worship program using a variety of media, drama, lighting, and instrumentation. Twenty minutes is devoted to traditional, classical music suitable for worship ministry. Twenty minutes is devoted to the presentation of literature representation of contemporary Christian, worship and praise, gospel song, or hymn-style repertoire.

WRSP 499 Internship 1-6 hours

Prerequisites: WRSP 311, 312

This is a capstone course for those majoring in worship and music studies 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. It includes a minimum of 400 hours supervised ministry experience in an approved worship ministry. Application procedures processed through the Career Center. Must apply semester prior to completing 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

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 Youth Organization 3 hours

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 447 Discipleship in Youth Ministry 3 hours

Prerequisites: YOUT 201, 301, 350*; BIBL 350 (*Non-youth specialization majors may see professor for prerequisite override)

An investigation of the factors which influence adolescent spiritual development. Attention is given to exploring the biblical and theological foundations for discipleship and making application to the discipleship process.

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 450 Professional Orientation to Youth Ministry 3 hours

Prerequisites: YOUT 201, 301, 350, 447, 448; PATH 350

A capstone course designed to equip the student in developing a master plan for ministry. 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; personal piety; and staff development. Previously mastered information, principles and concepts are integrated with new content as the student synthesizes these into a master plan for ministry.

YOUT 460 Programs for Youth Ministry 3 hours

Prerequisites: YOUT 201, 301, 350, 447, 448; PATH 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 1 to 6 hours

Prerequisites: Junior/Senior status, successful completion of YOUT 201, 301, 350, and permission from the youth internship director

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. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

NOTE: With special permission, prerequisites with an asterisk (*) may be taken concurrently.

Liberty University Online

Academic Administration

Ronald E. Hawkins, B.A., M.Div., Ed.S., D.Min., Ed.D.

*Vice Provost for the Graduate School and Online Programs
Professor of Counseling and Practical Theology*

Frederick Milacci, B.R.E., M.Ed., D.Ed.

*Dean of Academic Administration for the Graduate School and
Online Education*

Director, Quality Enhancement Plan (QEP)

Associate Professor of Research

Ben Gutierrez, IV, A.A., B.S., M.A.R., M.Div., Ph.D.

*Academic Dean, Online Programs, School of Business, School of
Religion, and General Education*

Professor of Religion

Kevin Corsini, B.B.A., Th.M., Ph.D.

*Academic Dean, Online Programs, College of Arts and Sciences
and the Seminary*

Director, Master of Arts in Human Services

Assistant Professor of Counseling

Douglas F. Mann, B.A., M.A., Ph.D.

*Associate Dean of Online Graduate Programs, College of Arts and
Sciences*

Assistant Professor of History

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

*Associate Dean, Online Undergraduate Programs for the College
of Arts and Sciences*

Instructor of Psychology

Anita Satterlee, B.S., M.A., Ed.D.

*Associate Dean, Online Programs for the School of Business
Assistant Professor of Business*

Beth Ackerman, B.S., M.Ed., Ed.D.

*Associate Dean, Online Programs for the School of Education
Associate Professor of Education*

Gabriel Etzel, B.S., M.A.R. M.Div., D.Min.

*Associate Dean, Online Programs for the School of Religion
Assistant Dean, School of Religion*

Assistant Professor of Religion

Rick Rasberry, B.A., M.Ed., M.A.R., D.Min.

*Associate Dean, Online Programs for General Education
Associate Professor of Religion*

Terry Conner, B.S., M.A.

*Director of Liberty University Online Academic Operations
Adjunct Instructor of Business*

MISSION

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

Almost 25 later, the initial goal to provide quality Christian education to students around the world has remained intact. Currently, Liberty University Online services over 40,000 students across the globe in degree programs ranging from diploma programs in Biblical Studies to doctoral programs in 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 LU 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. Our 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 offers courses in an eight-week format with multiple entry dates throughout the year (see academic calendar). Some courses are offered in a 16-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 to take advantage of these tools.

DEGREE PROGRAM FORMAT OPTIONS

LU Online offers undergraduate degree programs of study in an online format. Graduate programs are offered in two formats; either completely online or blended format which is a combination of conventional (face-to-face courses in a classroom setting) and online courses.

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.

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 LU Online Code of Honor and Personal Code of Honor.

LIBERTY UNIVERSITY CODE OF HONOR FOR ONLINE UNDERGRADUATE AND GRADUATE STUDENTS

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 registered 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 CODE OF HONOR

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 from an array of sanctions he/she deems 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 attempts to give the appearance of a level of knowledge or skill that the student has not obtained, gives 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 an examination

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. PROCEDURE FOR THE INVESTIGATION, ADJUDICATION, AND ASSIGNMENT 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 Online Department Chair, 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 his or her decision.

The reporting procedure is as follows:

- The instructor will write a report outlining the violation.

- The report will be provided to the student and the Online Department Chair along with the sanction(s) recommended.
- The Online Department Chair will forward report to the Online Associate Dean. The Online Associate Dean will review, make decision on appropriate sanction and notify the student.
- If blatant academic dishonesty is demonstrated in a clear and convincing manner, the student may receive a grade of F for the course in which the academic misconduct occurred.
- Students who receive 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 and/or a personal telephone call.
- If non-blantant academic misconduct (such as inadvertent plagiarism) occurs in a course, the professor will contact the student and conduct such further investigation as needed. If the professor determines that a sanction is called for, the professor will write a report of the infraction. The professor may issue an oral reprimand, send written notification to the Online Department Chair of the School in which the professor teaches the specific course, reduce a grade, adjust credit and/or require additional work.
- When a student receives a course grade of F for academic dishonesty, the Online Associate Dean will report the reason for the F to the Registrar and request that it be recorded as an FD grade. This FD grade will appear on the student's transcript.
- The student, upon receipt of the results of the academic honesty review by the Online Associate Dean, will have five business days to appeal the decision to the Dean through the Online Associate Dean.
- If warranted, the results of academic honesty review may be forwarded to the Office of Student Affairs for any additional disciplinary action that may be appropriate.

2. Sanctions

If the professor determines that a sanction is called for, the professor will write a report of the infraction. The professor may issue an oral or written reprimand, reduce a grade, adjust credit, and/or require additional work. The professor also maintains the right to recommend a grade of F for the course if the investigation determines that it is the appropriate sanction. The Online Associate Dean will review the report and determine the appropriate sanction. If the FD grade is given, the student will be notified by the Online Associate Dean. In this instance, the Registrar will record the F as FD, 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 non-blantant or blatant) in any subsequent course where a grade of FD is posted, he or she will be dismissed from Liberty 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. The Office of Student Affairs and the Registrar's Office may be consulted during this process.

In cases where the Dean perceives a clear conflict of interest or faulty judgment on the part of the Online Associate Dean, or where the sanctions suggested by the Online Associate Dean are demonstrably inconsistent with those that resulted from other similar instances of academic misconduct, the Dean reserves 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 concerning the academic misconduct 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:

- Within five business days of the notification, the student may submit a written appeal to the Online Associate Dean, but should do so through the professor. The Online Department Chair and Online Associate Dean will consult with the instructor and review the student's written appeal. The Online Associate Dean will then notify the instructor, the Registrar and the student of his/her decision.
- After receiving the decision by the Online Associate Dean, the student may submit a written appeal to the Dean, through the Online Associate Dean. This written appeal must be received by the Online Associate Dean within five business days of the Online Associate Dean's notification. The Dean will review the student's appeal, as well as any information provided by the faculty member. When a decision has been reached, the Dean will notify the Online Department Chair, the faculty member, the Registrar and the student.

- In determining whether any violation has occurred, the Online Associate Dean and Dean will apply a "clear and convincing" evidence standard. In some cases, a Student Affairs official or another University representative may join in the deliberations as a non-voting member for the purpose of providing any background information that may be pertinent to the appeal.
- Should no violation be found, a report indicating such will be forwarded to the 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.
- In situations that do not require a grade of "FD," but may require a failed assignment, failure in the course or reduced grade, the professor reserves the right to impose a lesser sanction and send a report to the student's file.

III. PERSONAL CODE OF HONOR

A. CONDUCT THAT UNDERMINES THE SAFETY, MISSION, OR REPUTATION OF LIBERTY UNIVERSITY

Acts that may undermine the safety, mission, or reputation of Liberty University are violations of the Personal Code of Honor. Examples of such acts include, but are not limited to:

- Flagrant violations of institutional policies and standards of dress when visiting campus (see Appendix A for dress code)
 - Causing public embarrassment to the University, or their representatives or employees.
1. Sexual, Physical, Written or Verbal Misconduct

Respect for the dignity of each individual as a person created in God's image is fundamental to the institutional culture desired at Liberty University. Misconduct that is contrary to the teachings of the Christian faith (thus constituting a violation of Liberty University's Personal Code of Honor) includes, but is not limited to:

 - Sexually-oriented joking or comments
 - Harassment of an individual based on race or gender
 - Unwelcome touching or any touching of a sexual nature
 - 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
 - Display of objects or pictures that depict nudity or are otherwise sexual in nature
 - Persistent, unwanted attempts to change a casual or friendly relationship into a romantic or more intimate one

Non-marital sexual relations and the encouragement or advocacy of any form of sexual behavior that would undermine the Christian identity or faith mission of the University are morally inappropriate sexual misconduct and constitute violations of this Personal Code of Honor.
 2. Pornography

Involvement with pornographic, obscene, indecent, or other similarly offensive materials, expressions, or conduct is

inconsistent with the Personal Code of Honor and the Christian faith. Use of the University's computing network to obtain or distribute such materials constitutes a violation of the Personal Code of Honor.

3. Alcohol and Drug Use

Liberty University is dedicated to providing a learning environment that promotes reverence for the Word of God, a commitment to the highest ideals of academic excellence, health, and responsible social behavior. This includes recognizing the rights of others and respecting the Christian ideals of Liberty University.

The following are strictly prohibited: any illegal use of a controlled substance, any use of alcohol or tobacco by any LU Online student on the property of Thomas Road Baptist Church or Liberty University, or any use of alcohol or tobacco as any part of a Thomas Road Baptist Church or Liberty University related or sponsored program off campus (this includes school sponsored courses or missions trips in the United States or overseas).

All LU Online students, whether on or off-campus, are expected to conduct themselves at all times in a manner supportive of the Christian character and reputation of Liberty University. Keeping in mind that the public will judge Liberty University and its Christian ideals by the actions of its students, Liberty University will not tolerate conduct by any student, whether on or off-campus, which is deemed by the administration to reflect negatively on the public image of the University.

B. PROCEDURES FOR THE INVESTIGATION, ADJUDICATION, AND SANCTIONING OF VIOLATIONS OF THE PERSONAL CODE OF HONOR

1. Processing Allegations

When an alleged violation of the Personal Code of Honor has come to the attention of the faculty, staff, or administration, that allegation shall be passed on to Student Affairs, who shall determine (with assistance from the appropriate Online Associate Dean and Online Dean) whether formal discipline is warranted and, if so, the nature of the appropriate sanction(s).

Pastoral or Professional counseling may be recommended in some instances. Any cost associated with such counseling shall be borne by the student. If counseling is deemed to have been sufficient to address the student's misconduct, Liberty University reserves the right to remove the record from the student's permanent file. If counseling was deemed to have been ineffective, then Liberty University reserves the right to retain permanent records and dismiss the student from the University.

2. Conduct Review

Where evidence exists that a violation of the Personal Code of Honor may have occurred, Student Affairs shall refer the matter to the appropriate Online Associate Dean and Online Dean. They along with Student Affairs shall deliberate and determine the appropriate penalty.

Should no violation be found, the Director's report indicating such shall be forwarded to the appropriate Online Associate Dean and Online Dean. Where a violation is found, Student Affairs may notify the student verbally, but will also notify the student in writing (by e-mail or letter) of the sanction(s). The appropriate Online Associate Dean and Online Dean shall receive a copy of the final decision.

3. Sanctions

The Findings of Student Affairs along with any recommendations for further action will be carefully reviewed by the appropriate Online Associate Dean and Online Dean.

These two individuals may accept, reject or modify the Student Affairs report and shall determine the final disposition of the matter.

The appropriate Online Associate Dean and Online Dean may direct that the records of a disciplinary action be retained in a student's file, noted on transcripts or be disclosed to the appropriate entities responsible for assessing the character and fitness of the student as an applicant to a chosen profession.

In addition to any personal communication of the decision to the student involved, a written copy of the decision shall be sent to the student by e-mail or registered, return receipt mail.

C. APPEAL PROCEDURE

Students are provided the opportunity to appeal any disciplinary decision to the Student Affairs office, appropriate Online Associate Dean and Online Dean. The outcome of an appeal may include an overturn of the proposed action or disciplinary probation, the assignment of disciplinary community service, retention or administrative withdrawal. The appropriate Online Associate Dean and Online Dean may either accept or overturn a previous decision to withdraw a student from Liberty University. Records documenting this process are maintained by the Office of Student Affairs and the Registrar.

1. Reapplication/Readmission

If a student is administratively withdrawn or asked not to return, he/she must submit a written request for readmission to Student Affairs. The student is to provide a thorough account of the actions that led to his/her dismissal or non-return and the student's strategy for successfully continuing studies at the University. In addition, the following is required:

- Separate letters of recommendation from a counselor and civic leader
- One letter of recommendation from a pastor or LU faculty member

Only after the aforementioned information is received will consideration for reinstatement occur. Readmission to the University will be subject to any stipulations made by the appropriate Online Associate Dean and Online Dean and the Office of Student Affairs. This process does not guarantee readmission. If readmission is granted, the Office of Student Affairs will notify the Office of Admissions. The Office of Admissions will notify the student.

2. Administrative Withdrawal

Students, who are reported to have violated the policies or regulations of the University that require an administrative withdrawal, are required to meet (in person or by phone) with Student Affairs for a personal conference. Student Affairs will present the alleged violation(s) to the student and the student will then be given full opportunity to present his/her position concerning the allegation. Student Affairs will conduct an investigation of the alleged violation(s). When the investigation is complete, and the allegation is determined to be true, Student Affairs will consider the facts and relevant information concerning the violation(s), including the student's prior disciplinary record. Student Affairs will consult with the appropriate Online Associate Dean and Online Dean before making a decision. **NOTE:** During the investigative process, the student is allowed to continue attending classes.

3. Administrative Withdrawal Process and Appeal

- The student has 24 hours, after receiving notification of the decision, to decide whether he/she wishes to accept

the decision. **NOTE:** Failure to meet the 24-hour deadline will result in an automatic administrative withdrawal.

- If the student decides to appeal the decision, the time of the appeal hearing will be determined and the student will be notified by Student Affairs who will schedule the hearing within seven business days of the student's request for appeal. **NOTE:** During the appeal process, the student is allowed to continue attending classes.
- If the administrative withdrawal is upheld, all academic work is lost for the semester except classes that have been completed before the time of the decision.
- Once the student has been administratively withdrawn, he/she will not be permitted to visit the campus until his/her student status has been reinstated.
- Reapplication is subject to administrative review after a six-month period of absence from the University.
- Readmission will be considered after a minimum one-year absence from the University for the commission of a felony, assault, drug and/or stealing dismissals and is also subject to administrative review and approval.

STANDARD OF DRESS (When Visiting Campus)

Class Dress:

Students are expected to dress in a neat and professional manner and are to dress according to the individual guidelines set by faculty in the respective Online Graduate and Online Undergraduate Programs.

Casual Dress:

Students are expected to dress modestly

Swimming Pool:

Women – Swimwear is only appropriate at the swimming pool. Students are to wear appropriate casual or sport attire (as stated in The Liberty Way) going to and from the pool. Women are required to wear a one-piece suit that is in good taste. Swimsuits that are see-through/mesh, expose the midriff and/or are low in the front or back or cut high on the legs are not acceptable.

Men – Swimwear is only appropriate at the swimming pool. Students are to wear appropriate casual or sport attire going to and from the pool. Speedos, spandex suits, or cut-off jeans are not acceptable.

Note: Academic Programs may choose to add requirements to the dress code policy.

This information is available on the Internet at <http://www.liberty.edu/academics/graduate/index.cfm?PID=19459>.

Online Undergraduate Admissions

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

Vice President for Enrollment Management

John Donges, B.S., M.B.A.

Executive Director, Liberty University Online

General Requirements

Prospective students who wish to speak to an Admission Consultant about the admissions process or admission policies may do so by contacting the LU Online Admissions Office.

Prospective students are encouraged to apply online at <http://www.libertyu.com> or <http://www.liberty.edu>. Applicants may mail the application to the appropriate address as listed below.

LU Online Admissions Office:

Phone: 1-800-424-9595

Fax: 1-800-628-7977

Email: luoadmissions@liberty.edu

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

Mon. – Fri. 8:00 am – 9:00 pm EST

Sat. 10:00 am – 9:00 pm EST

Mailing Address:

Liberty University Online

Attn: Admissions Office

1971 University Blvd.

Lynchburg, Virginia 24502

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

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

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.

Those applying to Willmington School of the Bible (WSB), please refer to the WSB portion of this Catalog.

Application for Admission

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

Application fee will be posted on current application for the LU 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.
- LU Online students should refer to 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 or is transferring 60 or more credit hours (after evaluation).

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. 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 Warning or Probation status. All students accepted on Academic Warning or Probation status will be limited to 13 semester hours of coursework including: CLST 100, ENGL 100 and MATH 100, unless already taken.

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, the following additional admissions documents are required.

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

HOMESCHOOL APPLICANTS

Homeschooled applicants must submit the above requirements plus:

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

NOTE: The University recognizes that the academic records of home-educated students vary widely. However, records of academic work plus any evaluations or grades awarded by the parent or other evaluator must be included on the academic records to properly evaluate the applicant's eligibility for college-work. See www.luonline.com/index.cfm?PID=14824 for a sample home school transcript. Do not submit portfolios, photocopies of awards, or photographs of school projects.)

CONDITIONAL ENROLLMENT

LU Online students may be allowed to register on a conditional basis based on the information on the application alone. Students who register on a conditional basis may enroll for up to 12 semester hours pending receipt of all official transcripts and standardized test scores. Students who have not submitted the required documentation by the completion of the first twelve hours will not be allowed to enroll in additional courses until the documentation is received and full acceptance is granted.

Conditional Enrollment is not a guarantee of full acceptance into a degree program. In addition, students are not allowed to use Federal Financial Aid under this classification.

INITIAL ACCEPTANCE

A student who is unable to obtain his/her High School transcript may appeal to be accepted on Initial Acceptance. Up to 12 credit hours may be taken. The student must successfully pass each of his/her classes with a 'C' or higher, after which the admissions requirement of High School transcript will be permanently waived. At this point, the student will be fully accepted in the degree program of his/her choice. Financial Aid is available. The student must have additional requirements that enable evaluation of his/her candidacy. Such a student must self-certify that s/he has graduated from high school or obtained his/her GED.

DEVELOPMENTAL COURSES

The LU 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.

All students accepted on Academic Warning or Probation status will be limited to 13 semester hours of coursework including: CLST 100, ENGL 100 and MATH 100, unless already taken.

1. *CLST 100/Foundations for Academic Success*. Designed to assist students in their academic adjustment from high school to college. It is part of a special program which includes a select group of first-time freshmen. Attention is given to goal-setting, organizing for study, time management, textbook mastery, reading comprehension and rate, listening, memory, note-taking motivation for study, test-taking, study strategies in other classes, and orientation to University services.
2. *ENGL 100/Basic Composition*. This course is available to students who do not have a strong back-ground in English grammar and basic composition.
3. *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.

TRANSFER STUDENTS

Transfer applicants must complete all of the forms that are listed for the initial application procedure. However, undergraduate transfer applicants who transfer 60 semester credit hours or more (after evaluation) to their program of study at Liberty do not need to submit a high school transcript, GED, or the standardized test scores except when specifically requested to do so by the University.

The high school and GED requirement will be waived if the online student is transferring in 12 or more credit hours with a minimum 2.00 GPA (after evaluation) and has self-certified that they have or will have graduated from high school or earned a GED by the time of enrollment.

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.

TRANSFER OF CREDITS

Only courses and degrees from regionally accredited institutions or those accredited by other accrediting agencies recognized by the U.S. Department of Education (e.g., SACS, TRACS, AABC, etc.) will be evaluated for transfer credit. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Office of Admissions. These transcripts must 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.

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 military students, their family members, civilian employees of the Department of Defense (DoD) and Coast Guard, and veterans. A list of current SOC Consortium member institutions can be found on the SOC Web site at <http://www.soc.aascu.org/>.

The University offers book vouchers ranging from \$100-\$400 to all active undergraduate military personnel, veterans, Department of Defense employees, and their spouses who participate in the SOC program. These students are encouraged to apply for financial assistance through the applicable military assistance program.

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 servicemembers 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 Web site, <http://www.soc.aascu.org/>, on the SOCAD, SOCNAV, SOCMAR, and SOCCOAST home pages.

MILITARY EVALUATIONS**Emily Foutz, B.S., M.A.**

Director of Military Affairs

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.

LU Online military students will generally find that the Multidisciplinary Studies major maximizes the use of their existing credits.

EMERGENCY RESPONSE PERSONNEL

Liberty University Online offers a 25% tuition reduction for all emergency response personnel, including law enforcement, fire safety, civil air patrol, prison support and emergency personnel who have been employed in the field within the last 5 years.

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.

**DUAL ENROLLMENT – THE EDGE PROGRAM
Middle and High School Student Dual Enrollment****Admissions Requirements:**

1. Demonstrated record of academic excellence
2. Current High School transcript
3. Completed application

Homeschool Student EDGE Program**Admissions Requirements:**

1. Current Homeschool transcript
2. Completed application

The EDGE Policies:

EDGE students are granted "special status" and are only allowed to take 13 credit hours in their first semester. With successful completion of the first semester a student will be eligible to enroll in up to 18 credit hours in a given semester. Upon completion of the GED, high school, or other graduation certificate, the student will need to reapply to a degree program (resident or online) and will be granted a degree seeking status. Students must take courses specific to completion of the HS diploma as a first priority. Financial Aid is NOT available for EDGE students.

Students will not be able to register for classes until all admissions requirements have been fulfilled. Students are not eligible for Conditional Enrollment.

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. 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.

BREAK IN ENROLLMENT

A break in enrollment occurs when a student is not actively taking a class each academic year. The academic year begins July 1 and ends June 30.

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

ACADEMIC AMNESTY

Approval for readmissions under Academic Amnesty must be approved by the Liberty University Online Undergraduate Academic Council (UAC). 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 five (5) years.
2. Eligibility for readmission affirmed in writing to the Registrar's Office by the following departments: (1) Student Accounts and (2) Student Affairs.
3. A student seeking readmission under academic amnesty must first appeal in writing to CAAS. Upon receiving a written request from the student, CAAS *may* approve readmission. 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.
4. Only the allowable number of grade repeats that were remaining at the time of dismissal can be utilized.
 5. 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”.
 6. Students who have been granted Academic Amnesty are not eligible for graduation honors.

INTERNATIONAL ADMISSION

Applicants whose native language is other than English must submit official scores for the Test of English as a Foreign Language (TOEFL). The University accepts into its undergraduate programs students who achieve a TOEFL score of 61 (IBT), 173 (CBT) or 500 (PBT). Additional assessment following arrival on campus may determine the need for English as Second Language (ESOL) classes before being admitted to the Freshman English series. Admitted applicants who do not have TOEFL scores or who have taken an alternate language assessment test will have their English assessed after arriving on campus and may be required to enroll for one or more semesters in the English Language Institute before becoming eligible for undergraduate studies. Applicants whose TOEFL scores do not meet the minimum University requirement for undergraduate programs may be admitted to the English Language Institute (Please see the English Language Institute section of this Catalog). 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.

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 from review by the Office of Admissions.

Applications are available at www.libertyu.com or www.luonline.com. 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.

Academic Information and Policies

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

Vice President for Academic Information Management/ Registrar

Michael Ocealis, B.A., M.A.R., M.Div., Th.M.

Associate 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.

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
FD	Failure for Academic Dishonesty	
FN	Failure for Non-Attendance	0
I	Incomplete	0
IP	In Progress	0
M	Medical Incomplete	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 and F are used in the calculation of the GPA.

DEAN'S LIST

Undergraduate students who earn 12 or more hours with a GPA of 3.50 or above are placed on the Dean's List.

SEMESTER LOAD

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.

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. 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 accredited by other accrediting agencies recognized by the U.S. Department of Education (e.g., SACS, TRACS, ABHE, etc.) will be evaluated for transfer credit. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Office of Admissions. These transcripts must be received before an admission decision will be made.

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. 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.

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 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.

<u>AP Title</u>	<u>Required Score</u>	<u>LU Course(s)</u>	<u>Credit Hours</u>
U.S. History	3	HIUS 221 & 222	6
Art History	3	HUMN 101	3
Biology	3	BIOL 101 & 103	4
Economics – Micro	3	ECNC 213	3
Economics – Macro	3	ECNC 214	3
English Lang.	3	ENGL 101	3
English Lit.	3	ENGL 102	3
European History	3	HIEU 201 & 202	6
US Government and Politics	3	GOVT 220	3
Comparative Politics	3	GOVT 330	3

AP Title	Required Score	LU Course(s)	Credit Hours
Psychology	3	PSYC 101	3
Statistics	3	MATH 201	3
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 34 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. A \$70 administration fee will be charged on the day of the test. Testing is computer-based and administered in the Tutoring/Testing Center.

CLEP TESTS CANNOT be taken after classes begin, during the student's final semester.

Subject Area	Minimum Score	LU Course(s)	Credit Hours
American Government	50	GOVT 220	3
American Literature	50	ENGL 201/202	6
Business Law	50	BUSI 301	3
College Math	50	MATH 115	3
Educational Psychology	50	PSYC 311	3
English Composition with Essay	50	ENGL 101	3
English Literature	50	ENGL 215/216	6
Financial Accounting	50	ACCT 211	4
History of US I	50	HIUS 221	3
Human Growth & Development	50	PSYC 210	3
Humanities	50	HUMN 101	3
Introduction to Psychology	50	PSYC 101	3
Introduction to Sociology	50	SOCI 200	3
Macro-Economics	50	ECNC 214	3
Management	53	BUSI 310	3
Marketing	50	BUSI 330	3
Micro-Economics	50	ECNC 213	3
Natural Sciences	50	BIOL 101 PHYS 101	6
Social Sciences	50	SOCI 200	3
Western Civilization I	50	HIEU 201	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. A \$70 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 Tutoring/Testing Center. LU Online students submit the ICE registration to their Academic Advisor.
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 CANNOT be taken after classes begin, during the student's final semester.
6. ICE credits may not be applied toward residency hours.
7. LU Online students may take the following ICE exams online:

BIBL 104	BIBL 364	THEO 104
BIBL 105	BIBL 425	THEO 201
BIBL 110	CHHI 301	THEO 202
BIBL 323	CHHI 302	

DANTES SUBJECT STANDARDIZED TESTS (DSSTs)

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. A minimum score of 50 is required for LU Online students. Computer-based tests in the DANTES DSST program are administered in the Tutoring/Testing Center.

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.

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. (LU 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. LU 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 Multidisciplinary major maximizes the use of their existing credits.

CREDIT FOR SEMINARS

As part of the "action-oriented" curriculum at Liberty, certain seminars and travel opportunities are offered for academic credit.

Students who wish to obtain credit for such activities must receive prior approval from the Registrar.

CHANGE OF MAJOR

LU 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.

DOUBLE MAJORS

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.

Students 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 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.

MINORS

Students at Liberty University are not required to complete a minor. Those 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.

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. In order to register, LU 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 Aid 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, 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.

DROPPING, ADDING, WITHDRAWING FROM COURSES

LU Online students may drop a course at any time prior to the sub-term begin date for a full refund. Beginning on the first day of the sub-term through the last day of the sub-term, students 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.

WITHDRAWAL FROM COURSES

Students requesting to withdraw from courses during the semester must submit a request to their academic advisor. Generally, the withdrawal date will be the date the student submitted the email to their academic advisor. A grade of W will be assigned to all courses from which the student withdraws.

COURSE REPEAT POLICY

The purpose of the Course Repeat Policy is to allow students to have unwanted grades removed from their GPA calculation after the same course (or in certain cases a similar course) has been retaken at a later point in time. Courses retaken at Liberty and courses transferred into Liberty can be used. In order to activate the policy, the student must submit a request to the Registrar's Office.

- a. If the course was retaken at Liberty, then the last grade earned for the course at the time the policy is activated will be used toward the GPA calculation.
 - b. If the course was retaken at another institution and transferred into Liberty, then the grade earned at the other institution will not be used toward the GPA calculation.
1. A maximum of 16 semester hours may be repeated under this policy.
 2. The grade or grades which have been deleted from the calculation of the GPA will not count toward quality hours or hours earned, but will remain on the record as a course attempted. Under this policy, the grade(s) earned previous to the last grade earned will be changed to a grade of "R".
 3. ENGL 100, MATH 100 and 110, CLST 100/101/103, GNED 101 and 102, and pass/fail courses may have the repeat policy applied without counting toward the 16 hour maximum.
 4. When a student has taken the same course multiple times and uses the Course Repeat Policy, all prior earned grades for the same course will be replaced and only the number of hours for the first course taken will be applied to the 16 hour maximum.
 5. Repeats for General Education courses will be evaluated as either an exact course match or with a similar course, which fulfills the identical General Education degree requirement.
 6. Use of the Course Repeat Policy for a prior semester will not affect the academic standing for that semester. Academic standing in a prior semester can be changed only because of a grade reporting error.
 7. The Course Repeat Policy must be processed prior to graduation for the policy to be activated.

UNOFFICIAL WITHDRAWALS

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

Students who cease submitting 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 FNs in a semester will be processed as an unofficial withdrawal. The withdrawal date will be

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 of the results of the Title IV withdrawal calculation by the Financial Aid Office.

WITHDRAWAL FROM LIBERTY

Online students withdrawing from the University must contact the Academic Advising Department via the student's Liberty University email account. The withdrawal date will generally be the date the student submitted the email to the Academic Advising Department. 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 or the last date an academic assignment was submitted (such as a course requirements checklist, an examination, written paper or project, discussion board post, or other academic event). The Academic Advising Department will notify the Financial Aid Office, Student Accounts Office and Registrar's Office.

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 after submission of the final exam or final required course work. 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 Academic Advising Department in writing or via their Liberty University email account. 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, and not the University, 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 July 1 and ends June 30.

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 LU 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, undergraduate students are limited 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, undergraduate students are limited 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 LU 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 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 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

Students academically dismissed or academically suspended from the University must satisfy the subsequent guidelines for readmission:

1. **Not** enrolled at the University for a period of five (5) years.
2. Eligibility for readmission affirmed in writing to the Registrar's Office by the following departments: (1) Student Accounts and (2) Student Affairs.
3. Upon receiving a written appeal from the student, the LU Online Undergraduate Academic Council (LUOUAC) **may** approve readmission. Said request must be stated clearly and contain (1) reason for request, (2) efforts made to improve during absence from Liberty. Such corroboration as may be deemed necessary may be requested of the student, i.e., transcripts from other institutions, etc.
4. Only the allowable number of grade repeats that were remaining at the time of Dismissal can be utilized.
5. Grades of A, B, and C will remain on the student's record and will calculate into the GPA.
6. Previously earned grades of A, B, and C will calculate into their GPA. As determined by the LUOUAC, grades of D and F are revised to Q.
7. Students who have been granted Academic Amnesty are not eligible for graduation honors.

INCOMPLETES

Regular Incompletes

Students who are unable to complete coursework for a course must appeal to their professor for a temporary course grade of Incomplete (I). The professor will establish a new deadline for completing the course work based upon the circumstances. A maximum of two (2) weeks from the end of the course may be allowed. If the coursework is not submitted by the new deadline, the student will receive a grade of zero for the incomplete assignments and a final grade will be submitted.

Intensives

Students enrolled in intensives must appeal to their professor for a temporary course grade of Incomplete (I). The professor will establish a new deadline for completing the coursework, based on the circumstances. A maximum of two (2) months may be allowed. If the coursework is not submitted by the new deadline, the student will receive a grade of zero for the incomplete assignments then a final grade will be submitted.

Medical Incompletes

Students enrolled in any LU Online course unable to complete coursework by the last day of class due to illness or injury, may appeal to their Academic Advisor for a temporary course grade of M (Medical Incomplete). Appeals must be supported by medical documentation signed by a physician.

Medical incompletes may be allowed, if the condition warrants, up to two (2) months from the end of the course. If the coursework is not submitted by the new deadline, the student will receive a grade of zero for the incomplete assignments, and a final grade will be submitted.

The student has the option, if the Medical Incomplete was assigned prior to the end of the sub-term and if medically the student cannot finish the coursework, to request a medical withdrawal with the option of a free repeat of the course. The student would not be allowed to continue in courses until supporting medical documentation releases the student to continue school work. This documentation must be submitted to the LU Online Academic Advising Office.

Military Incompletes

Military service members are guaranteed a Military Incomplete due to deployments, extended cruises, unit operational tempo, or other duty-related extenuating circumstances.

To obtain an Incomplete, the military student must send either a current copy of official military orders (as proof of professional conflict during enrollment in the course) or a signed letter on official letterhead from the student's commander or supervisor. Liberty's Academic Advising Office staff will gather the documentation and confer with the professor to determine the new deadline for the course. A Military Incomplete cannot extend beyond two (2) months for any given course.

Military service members have the option, if they cannot finish the coursework within the two (2) additional months, due to deployments, extended cruises, unit operational tempo, or other duty-related extenuating circumstances, to request a military withdrawal with the option of a free repeat of the course. This documentation must be submitted to the LU Online Academic Advising Office. The LU Online advisor will complete the appropriate forms and submit them to the Liberty University Military Affairs Office for continued processing.

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, or mailed to: Liberty University; Liberty University Online; Office of Military Affairs; 1971 University Blvd.; Lynchburg, VA 24502.

GRADE APPEALS

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.

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/Chair, but should do so through LU 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 LU 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 LU Online Advising after receiving the decision by the Online Chair. This written appeal must be received by LU Online Advising within 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 LU 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 LU Online Advising. This written appeal must be received by LU 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 LU Online Advising, the Online Associate Dean, the Online Chair, the faculty member, and the student. The Online Academic Dean's decision is final.

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.

Students desiring to use another course in place of a required course must complete a "Request for a Course Substitution" form and submit it to luotransfer@liberty.edu.

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.

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

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

Associate degree students who have a 3.50 cumulative GPA will receive honors at Commencement.

GRADUATION REQUIREMENTS

All matriculated students, whether Resident or LU 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. All CLEP and ICE tests must be completed prior to the start of the student's final semester before graduation.
4. 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.

5. 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.
6. 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 General Studies, 50% of the hours in the major component of the A.A. degree must be completed at Liberty.

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.

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 removed 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.

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/index.cfm?PID=17612>.

Online Expenses and Financial Policy

Online Tuition and Fees – Fall 2009

	One Time	Per Hour	Per Term
TUITION:			
Full-time (12 or more semester hours)		\$250	
Part-time (11 semester hours or less)		275	
Military		250	
The Edge High School Dual Enrollment (per 3 credit hour course)		500	
Willmington School of the Bible		90	
FEES:			
Application Fee	\$50		
Readmission Application Fee	50		
Technology Fee			150
Financial Check-in Late Payment Fee			125
Payment Plan Participation			45
On-Campus Intensive Fee (per course)	25		
Enrollment Adjustment Fee	30		
Portfolio Assessment Fee	100		
Graduation Fee	100		
Returned Payment Fee	35		
Replacement ID Card	30		

Online Tuition – Spring & Summer 2010

	One Time	Per Hour	Per Term
TUITION:			
Full-time (12 or more semester hours)		\$275	
Part-time (11 semester hours or less)		300	
Military		250	
The Edge High School Dual Enrollment (per 3 credit hour course)		500	
Willmington School of the Bible		90	

FINANCIAL CHECK-IN

All students are required to complete **Financial Check-in through Liberty University's online system**. Official Financial Check-in (matriculation) occurs when a student has completed registration and has either paid or completed satisfactory financial arrangements with Liberty University for all tuition and fees, including prior balances.

Students are expected to complete Financial Check-in after completing registration one week prior to the class start date. Deadlines, specific procedures, and payment options are posted online.

Students who do not matriculate prior to or during the official, published Financial Check-in days will be subject to a Late Check-in Fee of \$125. Check-in dates are published online at <http://www.liberty.edu/index.cfm?PID=16160>.

INITIAL PAYMENTS FOR RETURNING STUDENTS

Once a returning student completes Financial Check-in, payments made prior to the beginning of the semester are held in deposit to secure the student's class schedule, any 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. Otherwise, after drop/add, without prior written notification, the student and money on the account are subject to the conditions described in the official withdrawal policy.

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 begin date (course activation). Liberty does not guarantee that required course materials will be available after the sub-term activation 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.

ON CAMPUS INTENSIVE FEE

LU Online students who attend an intensive course on campus will be charged an activity course fee of \$25.

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 as these funds contribute to improving educational and classroom facilities, information services accessible both on and off campus, student services, and administration.

LU Online students taking an intensive course on campus will be charged a \$15 per credit hour technology fee. If a student has already paid the semester technology fee in which the intensive is taken, the additional fee will not be charged.

GRADUATION FEE

The Graduation Fee is automatically assessed by the Student Accounts Office near the time of the Graduation Application, not degree conferral.

RETURNED PAYMENT FEE

A student will be charged a \$35 Returned Payment Fee for any returned or declined payment (check, automatic draft or declined credit card drafts). After two returned or declined payments, all transactions for the remainder of the academic year may be made by cash, money order, or certified check only. Repeat offenders are subject to losing check payment privileges completely, and the privilege of monthly payment plan options will then 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 will also be subject to this charge.

COURSE FEES

In certain courses, fees will be charged in addition to tuition. The list of course fees is published online at <http://www.liberty.edu/registrar/>.

REPLACEMENT ID CHARGE (Liberty OneCard)

Every student, living on or off campus, must have a student identification card issued to him. In the event the card is lost, the student may purchase a replacement at the cost of \$30.

PAYMENT PLANS

The University offers Tuition Payment Plan (TPP) options in the form of scheduled monthly payments for tuition, fees, and on-campus housing charges. A non-refundable Payment Plan Participation Fee of \$45 is charged for each semester that the student participates in the TPP. The scheduled monthly payments are payable through (1) automatic draft from a bank account; or (2) automatic debit from a charge account. No interest is charged on the outstanding balance. Those students who enter a TPP and later withdraw from the plan are still subject to the \$45 Payment Plan Participation Fee. While the system will accommodate online adjustments to a student's account as additional credits or debits change the balance due, changes to a TPP requiring University staff intervention are subject to a \$25 Payment Plan Change Fee.

It is the responsibility of the student and/or person financially responsible for the student's account to maintain current bank or credit card information and to insure that the account has sufficient funds at the time of the scheduled draft under the TPP agreement. The bank or credit card account must be from an institution that participates in automatic draft/debit programs. Liberty University cannot draft payments from money market, trust, home equity, or savings accounts.

STUDENT ACCOUNT PAYMENTS

A student's account must be paid in full in order to enroll in any courses in the subsequent semester. The online Financial Check-in process is the means by which a student confirms their financial arrangements with Liberty University.

Monthly statements are sent to students who have an outstanding balance on their account. Payments not received in the Student Accounts Office by the first week of the following month, will be charged a Late Fee of 1% per month.

INTEREST FEES

An annual interest rate of 12% (1% per month) will be charged on all outstanding balances 30 days or more past due.

UNPAID ACCOUNTS

Tuition, the housing fee (applicable to on-campus students only), and all other costs for the full semester 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. 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.

WITHDRAWAL FEE

A fee of \$50 will be charged for the processing of an official, unofficial, or administrative withdrawal from the University.

**ONLINE PROGRAM
OFFICIAL WITHDRAWAL POLICY**

A student who is currently enrolled in courses for a given sub-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. 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).

Students requesting to withdraw must submit a request to their academic advisor. This will constitute a withdrawal. Generally, the withdrawal date will be the date the student notified their academic advisor.

Any student who completes the official withdrawal procedure will receive a refund of tuition and mandatory fees (i.e. technology and activity fees, if applicable) as follows:

Any LU Online student who withdraws from the University during a given sub-term (including overlapping 16-week sub-terms) will receive a refund of tuition and fees 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.
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.

**ONLINE PROGRAM
UNOFFICIAL WITHDRAWALS**

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

Students who 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 will be 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 of the results of the Title IV withdrawal calculation by the Financial Aid office.

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 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 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. The student may appeal to their instructor to remain in the course.

Students who begin attendance but eventually cease submitting any academic assignments will be assigned a grade of FN for the semester.

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, LU Online students must contact the Academic Advising Department. For more information on the financial repercussions of withdrawing, please contact Liberty University's Financial Aid Office at 434-582-2270.

REFUND POLICY FOR ENROLLED STUDENTS

Authorization to hold a Title IV credit balance is indicated through the Financial Check-in process. This authorization may be rescinded at any time. Recipients of Title IV federal funds who have requested a refund will automatically be refunded their credit balance within 14 days from the time the credit occurs or the first day of classes, whichever is later. All other students must submit a written request by email, letter, or FAX. All refunds will be processed according to the student's preferences as indicated online. Options include direct deposit to the student's LibertyOne account or automatic transfer to a checking account. Refund checks will be disbursed for the entire credit balance, unless otherwise specified. Students will be limited to two checks per semester. Refunds will not be provided for credit balances derived solely from institutional scholarships. These accounts will be properly adjusted by Financial Aid.

ADDITIONAL INFORMATION

Additional information regarding the University's academic and administrative policies and procedures can be found on the University web site at www.luonline.com, www.libertyu.com or www.liberty.edu.

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Additional information and University policies regarding the protection of student records are published online at <http://www.liberty.edu/index.cfm?PID=17612>.

Online Student Services

Online Advising

Amy Rackley, B.S.,

Director of Academic Advising

Each student has access to professional Academic Advisors who will assist the student with choosing and scheduling courses and 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.

Each new student will need to contact a New Enrollment Specialist (NES), who will guide students in course selection for the first semester. Upon full admission and enrollment, 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. Every student is assigned a personal Webmail account, which he is advised to check at least weekly. 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.

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 begin date (course activation). Liberty does not guarantee that required course materials will be available after the sub-term activation date.

Materials for practicums and required intensives can be purchased from MBS Direct.

Tuition does not cover the cost of course materials.

Intensives

Intensive course schedules, enrollment procedures, tuition and fees, transportation and lodging information are accessible online at <http://www.luonline.com/index.cfm>.

LU Online Library Services

Jeffrey M Dull, B.S., M.S.L.S.

LU Online Librarian

The A. Pierre Guillermin Integrated Learning Resource Center (ILRC) functions are organized and serviced through a well-qualified faculty and staff. The ILRC 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 ILRC 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, they have direct toll-free telephone and email access to a librarian specializing in online support. The ILRC is committed to being the primary library for LU 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.

LU Online students can contact the ILRC by email research@liberty.edu or phone 434-582-2821

University Writing Program

Emily S. Heady, B.A., M.A., Ph.D.

Executive Director, Liberty University Writing Program

Shelah Simpson, B.S., M.A.R., M.A.

Director, Online Writing Center

Instructor in 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 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.

Bruckner Learning Center

Heather Schoffstall, B.S., M.S., Ed.D.

Director, Bruckner Learning Center

Assistant 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 <https://www.liberty.edu/index.cfm?PID=10988> (login required). The BLC can also be contacted by phone at 434-582-2226.

Disability Support

The LU Online Office of Disability Academic Support (LU ODAS) exists to coordinate support services for online students with a documented disability. Under Section 504 of the Rehabilitation Act of 1973, we seek to provide "reasonable" accommodations and create equal program access to all students. Our office works in conjunction with students and faculty to ensure that reasonable accommodations are made for students with documented disabilities. For more information, visit the ODAS web page <https://www.liberty.edu/index.cfm?PID=15659> (login required) or contact the LU Online ODAS staff at luodas@liberty.edu.

Career Center

Carrie Barnhouse, B.A., M.A.

Director of the Career Center

The Career Center provides services that assist students in fulfilling one of their main objectives for acquiring a degree – obtaining professionally satisfying employment upon graduation. Services are also available to alumni seeking a change in employment or career path.

CAREER SERVICES

<http://www.liberty.edu/career>

Career Assessment Tests – Career Direct

Local and Regional Career Fairs

Online Job List – LUnetWORK for full-time, part-time and internship opportunities

Career Resource Library
Resume and Cover Letter Critiques
Job Search and Research
Graduate School Preparation
Experiential Learning Programs
Internships
Externships

Several programs are available to assist students in determining career goals and implementing appropriate educational plans. Through an informative website, on-line job listings, a 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. Students are also encouraged to participate in experiential education programs, such as 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>.

INTERNSHIP PROGRAM

All students are encouraged to complete an internship to assist with career planning and gain practical experience within their chosen field of study. Approximately sixty-percent of all interns receive a full-time job offer. Students may earn from one to six (in some cases nine) semester hours of credit. Many majors require at least three credits. All applicants for credit internships, which are listed in the University's catalog, are processed through the Liberty University Career Center.

Completed applications must be submitted to the Career Center by the appropriate deadline (NO EXCEPTIONS).

Online Student Advocate

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

LU Online Director of Student Advocate

The LU Online 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.

Visit the website at <http://www.liberty.edu/index.cfm?PID=14289> for more information.

Liberty Online Ministries

Kevin Conner, B.S., M.A.R., M.Div.

Online Campus Pastor

Liberty Online ministries provide online 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>.

Convocation and Campus Church

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

Vice President of Executive Projects and Media Relations

Campus Pastor

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. LU Online students are encouraged to attend church services as well as convocation when completing on campus intensives.

Online Programs of Study

General Education Requirements

The General Education Requirement 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:

General Education Requirements		
Bachelor of Science and Associate of Arts		
Foundational Studies		15 Hrs
ENGL101	<i>Composition and Rhetoric</i>	3
ENGL 102	<i>Composition and Literature</i>	3
COMS 101	<i>Speech Communication</i>	3
MATH ____		3
PHIL 104*	<i>Contemporary World View</i>	3
Investigative Studies		27 Hrs
Natural Science**		3
History		3
Social Science**		6
Humanities		3
General Education 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
* Requirements for the AA or 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		

Online Programs of Study

Following is a listing of the majors and minors offered by Liberty University Online. Specializations within given majors are listed under the major. 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 major or minor course work for any program of study must be earned at Liberty University.**

Bachelor of Science

Majors

- Accounting
- Business
 - Economics
 - Finance
 - International Business
 - Management
 - Marketing
- Criminal Justice
- Education (non-licensure)
- Management Information Systems
- Multidisciplinary Studies
- Psychology
 - Christian Counseling
- Religion

Bachelor of Science in Nursing

RN to BSN

Associate of Arts

- Accounting
- Business
- Criminal Justice
- Education (non-licensure)
- General Studies
- Management Information Systems
- Psychology
 - Christian Counseling
- Religion

Graduate of Theology Diploma

Biblical Studies

Minors

- Accounting
- Biblical Studies
- Business
- Christian Counseling
- Church Ministries
- Criminal Justice
- Management Information Systems
- Psychology
- Special Education

Additional information regarding particular degree programs can be found at www.luonline.com.

Listed on the pages that follow are the academic programs offered through Liberty University Online according to the academic unit responsible for each program. Each college and school has a Liberty University Online Associate Dean who is responsible for the online curriculum and represents the academic leadership for the online program component of the college or school. Additional information, including departmental purpose statements and learning outcomes, are located in the respective college and school sections of this Catalog.

DEGREE COMPLETION PLANS

The requirements for graduation for all undergraduate programs are listed in this catalog and on Degree Completion Plans (DCP) which are available on the web at <http://www.luonline.com/index.cfm?PID=14726>.

College of Arts and Sciences

Program of Study **MULTIDISCIPLINARY STUDIES MAJOR (B.S.)**

PURPOSE

The Bachelor of Science in Multidisciplinary Studies degree program is designed for the adult learner with a multidisciplinary history attained through academic and/or work experience. Academic instruction is structured within a Christian worldview.

LEARNING OUTCOMES

In support of the institutional mission and aims, the Multidisciplinary Studies degree program seeks to enable students 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 Multidisciplinary 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 LU Online Office of Transfer Evaluations and Degree Planning and by the Registrar's Office.
5. A student must have at least one course to complete in order to declare a Multidisciplinary Studies major.
6. Students who break enrollment must resubmit the Cognate Selection form.

LU Online offers cognates in Accounting, Christian Counseling, Business, Criminal Justice, Education, Management Information Systems, Psychology, Religion, and Special Education but will accept transfer cognates from previous studies as long as the 15 hour minimum is met. This program is not available for students pursuing teacher licensure. This program does not comprise a double major.

Other cognates may be developed in any field offered by the University. Credit may be awarded based on the American Council on Education (ACE) *Guide to Educational Experience in the Armed Services*. Liberty's Multidisciplinary Studies program requires 45 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. **The major is comprised of 45 hours.**

At least 50% of the courses for this degree must be completed through Liberty University.

Pre-approved cognates for the Multidisciplinary Studies major are:

Accounting

ACCT 211 ACCT 212
9 hours 300/400 level ACCT Elective

Business

Recommended courses:

ACCT 211 BUSI 301 BUSI 330
ECNC 213 BUSI 310

*May use any Business course required on a LU Online Business Degree Completion Plan other than CMIS 201 and MATH 201.

Criminal Justice

CJUS 200 CJUS 210
9 hours 300/400 Level CJUS Electives

Education (15 hours minimum)*

EDUC 125 EDUC 306 EDUC 301
EDUC 220 EDUC 390 EDUC 303
EDUC 290 EDUC 126 EDUC 305
EDUC 302 EDUC 225 EDUC 307
EDUC 304

*Prerequisites EDUC 200 and 205 must be satisfied prior to enrollment in upper-level course work

Psychology

PSYC 101 PSYC 210
3 hours PSYC Elective
6 hours 300/400 level PSYC Elective

Religion

BIBL 350 BIBL 450 THEO 350
BIBL 424 PHIL 240

Special Education

PSYC 345 or EDUC 307 EDSP 410
EDSP 360 EDSP 370 EDSP 420

Programs of Study

RN to B.S.N. Major (57 hrs)

NURS 105*	<i>Medical Terminology</i>	1
NURS 221*	<i>Fundamentals of Nursing</i>	4
NURS 210	<i>Health Assessment</i>	2
NURS 215	<i>Sciences in Nursing</i>	3
NURS 225	<i>Research in Nursing</i>	3
NURS 301*	<i>Strategies for Adult Health Care I</i>	5
NURS 302*	<i>Strategies for Adult Health Care II</i>	5
NURS 305*	<i>Pharmacology</i>	2
NURS 306*	<i>Pharmacology II</i>	2
NURS 325	<i>Nursing Concepts</i>	1
NURS 350	<i>Advanced Nursing Communication</i>	1
NURS 352*	<i>Caring for the Childbearing Family I</i>	4
NURS 353*	<i>Caring for the Childbearing Family II</i>	4
NURS 417	<i>Crisis Nursing</i>	3
NURS 440	<i>Strategies of Community Health Care</i>	5
NURS 460*	<i>Advanced Strategies for Adult Health Care</i>	4
NURS 490	<i>Leadership/Management in Nursing</i>	3
NURS 495	<i>Directed Research</i>	3

*These courses will be satisfied automatically for RNs

Psychology Major (B.S.) (36 hrs)

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>Intro to Research</i>	3

LIBERTY UNIVERSITY ONLINE PROGRAMS OF STUDY

PSYC 341	<i>Psychology of Personality*</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
*Intermittently available in modular/intensive format, as well as online.		

Psychology Major (B.S.)		
Christian Counseling Specialization (36 hrs)		
PSYC 210	<i>Developmental Psychology*</i>	3
PSYC 255	<i>Intro to Research</i>	3
PSYC 341	<i>Psychology of Personality*</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
Courses in the Specialization:		
CCOU 201	<i>Introduction to Christian Counseling</i>	3
CCOU 202	<i>Issues of Christian Counseling</i>	3
Choose three courses (9 hrs) from the following:		
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>Healthy Sexuality</i>	

Psychology Major (A.A.) (21 hrs)		
PSYC 210	<i>Developmental Psychology</i>	3
PSYC 221	<i>Psychology of Childhood</i>	3
PSYC 231	<i>Psychology of Adolescence</i>	3
<i>or</i>		
PSYC 235	<i>Psychology of Adulthood</i>	
PSYC 341	<i>Psychology of Personality</i>	3
PSYC	Electives (300 level)	9

Psychology Major (A.A.) (21 hrs)		
Christian Counseling Specialization		
PSYC 210	<i>Developmental Psychology</i>	3
PSYC 221	<i>Psychology of Childhood</i>	3
PSYC 231	<i>Psychology of Adolescence</i>	3
<i>or</i>		
PSYC 235	<i>Psychology of Adulthood</i>	
PSYC 341	<i>Psychology of Personality</i>	3
Courses in the Specialization:		
CCOU 201	<i>Introduction to Christian Counseling</i>	3
CCOU 202	<i>Issues of Christian Counseling</i>	3
Choose one course (3 hrs) from the following:		
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>Healthy Sexuality</i>	

Minors		
Christian Counseling Minor (15 hrs)		
CCOU 201	<i>Introduction to Christian Counseling</i>	3
CCOU 202	<i>Issues of Christian Counseling</i>	3
Choose three courses (9 hrs) from the following:		
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>Healthy Sexuality</i>	

Psychology Minor (15 hrs)		
PSYC 101	<i>General Psychology</i>	3
PSYC 210	<i>Developmental Psychology</i>	3
PSYC	Any PSYC Course	3
PSYC	Upper -level Electives	6

School of Business

Programs of Study		
Accounting Major (B.S.) (54 hrs)		
Core Courses (36 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 302	<i>Intermediate Accounting II</i>	3
ACCT 311	<i>Cost Accounting I</i>	3
ACCT 332	<i>Accounting Information Systems</i>	3
ACCT 401	<i>Taxation I</i>	3
ACCT 402	<i>Advanced Accounting I</i>	3
ACCT 403	<i>Advanced Accounting II</i>	3
ACCT 404	<i>Auditing</i>	3
ACCT 412	<i>Taxation II</i>	3
ACCT 441	<i>Accounting Theory and Ethics</i>	3
Electives (18 hrs)		
BUSI and/or ECNC	Electives (300-400 level)	18

Business Major (B.S.)		
Economics Specialization (48 hrs)		
Core Courses (33 hrs)		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
ECNC 214	<i>Principles of Economics 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 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
BUSI 472	<i>Organizational Ethics</i>	3
BUSI 400*	<i>Strategic Planning/Business Policy</i>	3
Specialization (15 hrs)		
BUSI 321	<i>Money and the Financial System</i>	3
GOVT 302	<i>Modern Political and Economic Ideas</i>	3
GOVT 350	<i>Political Economy and Public Policy</i>	3
BUSI	Upper-level Business Electives	6
* Capstone course to be completed in final semester		

Business Major (B.S.)	
Finance Specialization (48 hrs)	
<i>Core Courses (33 hrs)</i>	
ACCT 211	<i>Principles of Accounting I</i> 3
ACCT 212	<i>Principles of Accounting II*</i> 3
ECNC 214	<i>Principles of Economics 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 320	<i>Corporate Finance</i> 3
BUSI 330	<i>Principles of Marketing</i> 3
BUSI 472	<i>Organizational Ethics</i> 3
BUSI 400*	<i>Strategic Planning/Business Policy</i> 3
<i>Specialization (15 hrs)</i>	
BUSI 223	<i>Personal Finance</i> 3
BUSI 321	<i>Money and the Financial System</i> 3
BUSI 322	<i>Managerial Accounting</i> 3
BUSI 420	<i>Investments</i> 3
BUSI	Upper-level Business Elective 3
* Capstone course to be completed in final semester	

Business Major (B.S.)	
International Business Specialization (48 hrs)	
<i>Core Courses (33 hrs)</i>	
ACCT 211	<i>Principles of Accounting I</i> 3
ACCT 212	<i>Principles of Accounting II*</i> 3
ECNC 214	<i>Principles of Economics 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 320	<i>Corporate Finance</i> 3
BUSI 330	<i>Principles of Marketing</i> 3
BUSI 472	<i>Organizational Ethics</i> 3
BUSI 400*	<i>Strategic Planning/Business Policy</i> 3
<i>Specialization (15 hrs)</i>	
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	Upper-level Business Elective 3
* Capstone course to be completed in final semester	

Business Major (B.S.)	
Management Specialization (48 hrs)	
<i>Core Courses (33 hrs)</i>	
ACCT 211	<i>Principles of Accounting I</i> 3
ACCT 212	<i>Principles of Accounting II*</i> 3
ECNC 214	<i>Principles of Economics 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 320	<i>Corporate Finance</i> 3
BUSI 330	<i>Principles of Marketing</i> 3
BUSI 472	<i>Organizational Ethics</i> 3
BUSI 400*	<i>Strategic Planning/Business Policy</i> 3
<i>Specialization (15 hrs)</i>	
BUSI 340	<i>Organizational Behavior I</i> 3
BUSI 342	<i>Human Resources Management</i> 3
BUSI 409	<i>Non-Profit Management</i> 3

BUSI 411	<i>Operations Management</i>	3
BUSI	Upper-level Business Elective	3
* Capstone course to be completed in final semester		

Business Major (B.S.)	
Marketing Specialization (48 hrs)	
<i>Core Courses (33 hrs)</i>	
ACCT 211	<i>Principles of Accounting I</i> 3
ACCT 212	<i>Principles of Accounting II*</i> 3
ECNC 214	<i>Principles of Economics 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 320	<i>Corporate Finance</i> 3
BUSI 330	<i>Principles of Marketing</i> 3
BUSI 472	<i>Organizational Ethics</i> 3
BUSI 400*	<i>Strategic Planning/Business Policy</i> 3
<i>Specialization (15 hrs)</i>	
BUSI 321	<i>Money and the Financial System</i> 3
BUSI 331	<i>Marketing Research</i> 3
BUSI 430	<i>Promotion Strategy</i> 3
BUSI 433	<i>Marketing Management</i> 3
BUSI	Upper-level Business Elective 3
* Capstone course to be completed in final semester	

Accounting Major (A.A.) (21 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 302	<i>Intermediate Accounting II</i> 3
BUSI 301	<i>Business Law</i> 3
BUCI 310	<i>Principles of Management</i> 3
ACCT	Elective 3

Business Major (A.A.) (21 hrs)	
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	Elective 3

Minors	
Accounting Minor (15 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</i> 3
ACCT 401	<i>Taxation I</i> 3

Business Minor (15 hrs)	
ACCT 211	<i>Principles of Accounting I</i> 3
BUSI 301	<i>Business Law</i> 3
BUSI 310	<i>Principles of Management</i> 3
BUSI 330	<i>Principles of Marketing</i> 3
BUSI	Upper-level Business Elective 3

School of Education

B.S. IN EDUCATION (NON-LICENSURE)

PURPOSE

The purpose of the non-licensure Bachelor of Science in Education 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:

1. Demonstrates a broad base of general and professional knowledge;
2. Plans effective instruction and selects a variety of strategies based on developmental levels and individual needs in course case studies;
3. Demonstrates the understanding of differentiated instruction;
4. Demonstrates an understanding of classroom management to motivate students and maximize learning;
5. Demonstrates behaviors of a reflective student and seeks opportunities for professional development.

Programs of Study		
Education Major (B.S.) (36 hrs) (Non-licensure)		
EDUC 200	<i>Principles of Education</i>	3
EDUC 205	<i>Learning Theory and Portfolio Development</i>	3
EDUC 301	<i>Tutorial 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 390	<i>Teaching Practicum</i>	1-6

Education Major (A.A.) (21 hrs) (Non-licensure)		
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</i>	3
	<i>or</i>	
EDUC 305	<i>Educational Philosophy for Teachers</i>	3
EDUC	<i>Education Elective</i>	3
PSYC 221	<i>Psychology of Childhood</i>	3
EDUC /	Electives or other approved electives	6
EDSP ____		

Minor		
Special Education Minor (21 hrs)		
EDSP 360	<i>Learning and Behavior</i>	3
EDSP 370	<i>Intervention for Students with Mental Retardation</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
	<i>or</i>	
EDUC 307	<i>Instructional Practice for Differentiated Instruction</i>	3

School of Engineering and Computational Sciences

Programs of Study		
Management Information Systems Major (B.S.) (48 hrs)		
ACCT 211	<i>Principles of Accounting I</i>	3
ACCT 212	<i>Principles of Accounting II</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3
BUSI 320	<i>Corporate Finance</i>	3
BUSI 330	<i>Principles of Marketing</i>	3
CMIS 211	<i>Application Programming</i>	3
CMIS 212	<i>Object-Oriented Programming</i>	3
CMIS 310	<i>Web Architecture and Development</i>	3
CMIS 312	<i>Advanced Object-Oriented Programming</i>	3
CMIS 320	<i>IS Hardware and Software</i>	3
CMIS 330	<i>Business Data Communication Systems</i>	3
CMIS 351	<i>System Analysis and Design</i>	3
CMIS 450	<i>Database Management Systems</i>	3
CMIS 460	<i>Project Management</i>	3
CMIS	Upper-level Elective	3

Management Information Systems Major (A.A.) (21 hrs)		
CMIS 211	<i>Application Programming</i>	3
CMIS 212	<i>Object-Oriented Programming</i>	3
CMIS 310	<i>Web Architecture and Development</i>	3
	<i>or</i>	
CMIS 330	<i>Business Data Communication Systems</i>	
CMIS 351	<i>System Analysis and Design</i>	3
CMIS 450	<i>Database Management Systems</i>	3
BUSI 301	<i>Business Law</i>	3
BUSI 310	<i>Principles of Management</i>	3

Minor		
Management Information Systems (15 hrs)		
CMIS 211	<i>Application Programming</i>	3
CMIS 212	<i>Object-Oriented Programming</i>	3
CMIS 450	<i>Database Management Systems</i>	3
CMIS	Upper-level Electives	6

Helms School of Government

Programs of Study		
Criminal Justice Major (B.S.) (45-47 hrs)		
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
CJUS Electives		9-11

Criminal Justice Major (A.A.) (21 hrs)		
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
CJUS/PSYC Electives		3

Minors		
Criminal Justice Minor (15 hrs)		
CJUS 200	<i>Introduction to Criminal Justice</i>	3
CJUS 230	<i>Criminal Justice Research and Writing</i>	3
CJUS	Electives	9

School of Religion

Programs of Study		
Religion Major (B.S.) (36 hrs)		
BIBL 323	<i>John</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
BIBL 450	<i>Daniel – Revelation</i>	3
CHHI 301	<i>History of the Christian Church I</i>	3
CHHI 302/BIBL		3
CHMN 201	<i>Introduction to Church Ministries</i>	3
THEO 350	<i>Fundamental Theological Issues</i>	3
Religion Elective PLED/CHMN/ICST/YOUT		3
Religion Elective BIBL/PHIL/THEO		3

Minors		
Biblical Studies (15 hrs)		
BIBL	Biblical Backgrounds	3
BIBL	Electives (300-400 Level)	12

Church Ministries (15 hrs)		
CHMN 201	<i>Introduction to Church Ministries</i>	3
YOUT 201	<i>Survey of Youth Ministries</i>	3
PLED 450	<i>Organization and Administration of the Local Church</i>	3
Choose two courses (6 hrs) from the following:		
YOUT/CHLD/CHMN/PLED		

Religion Major (A.A.) (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/ICST Elective		3
CHMN/YOUT/PLED Elective		3

Center for Academic Support and Advising Services

Program of Study	
General Studies Major (A.A.)	
The Associate of Arts degree in General 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.	
<i>General Education Requirements for an Associate of Arts degree are listed on page 206.</i>	

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.	

Wilmington School of the Bible

Program of Study		
Biblical Studies Major (Th.G.) (60 hrs)		
GBST 103	<i>Chronological Survey of the Old Testament I</i>	3
GBST 104	<i>Chronological Survey of the Old Testament II</i>	3
GBST 105	<i>Chronological Survey of the Old Testament III</i>	3
GBST 163	<i>Chronological Survey of the New Testament I</i>	3
GBST 164	<i>Chronological Survey of the New Testament II</i>	3
GBST 165	<i>Chronological 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
General Electives		27

Liberty University Online Schedule 2009 – 2010

Fall 2009

Registration opens June 9, 2009

Sub-term	Length	Acceptance Deadline	Registration Deadline	Financial Check-in Deadline	Sub-term Start Date	Sub-term End Date
40A	17-week	7/29/09	8/12/09	8/16/09	8/24/09	12/18/09
40B	8-week	7/29/09	8/12/09	8/16/09	8/24/09	10/16/09
40C	8-week	8/26/09	9/9/09	9/13/09	9/21/09	11/13/09
40D	8-week	9/30/09	10/14/09	10/15/09	10/26/09	12/18/09

Spring 2010

Registration opens October 15, 2009

Sub-term	Length	Acceptance Deadline	Registration Deadline	Financial Check-in Deadline	Sub-term Start Date	Sub-term End Date
20A	17-week	12/23/09	1/06/10	1/10/10	1/18/10	5/14/10
20B	8-week	12/23/09	1/06/10	1/10/10	1/18/10	3/12/10
20C	8-week	1/20/10	2/03/10	2/07/10	2/15/10	4/09/10
20D	8-week	2/17/10	3/10/10	3/14/10	3/22/10	5/14/10

Summer 2010

Registration opens March 11, 2010

Sub-term	Length	Acceptance Deadline	Registration Deadline	Financial Check-in Deadline	Sub-term Start Date	Sub-term End Date
30A	14-week	4/21/10	5/05/10	5/09/10	5/17/10	8/20/10
30B	8-week	4/21/10	5/05/10	5/09/10	5/17/10	7/09/10
30D	8-week	6/02/10	6/16/10	6/20/10	6/28/10	8/20/10

Please note: All dates are subject to change.

The Liberty University Online Schedule may be viewed online at:
<http://www.luonline.com/index.cfm?PID=14238>

Liberty University Online Courses of Instruction

Associate and Bachelor Degrees

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 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 I* 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 *Advanced Accounting II* 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 441 *Accounting Theory and Ethics* 3 hours

Prerequisite: ACCT 404

This is the capstone course for accounting majors. The course has two major parts that represent a blend of theory, practice, and research. Topics included in part one: theoretical, ethical decision-making models for the accounting profession; the nature of accounting theory and its development; and accounting standard-setting and its chronological development. Part two evaluates contemporary financial reporting issues as they relate to the FASB's Conceptual Framework. It specifically examines areas of contemporary financial reporting that are controversial. This course has a major research and group component.

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. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

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 activates 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

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

This course introduces the student to the five main theological resource tools and the ten methods necessary for an inductive study of the Bible. The student writes his own commentary on a prescribed book of the Bible using the tools and methods to which he is introduced in the course.

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 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 418 *Israel and the Jewish People in Prophecy* 3 hours

A systematic study of Israel and the Jewish People as a central and defining feature of biblical eschatology. Consideration will be given to the importance of Israel's biblical covenant, Israel's relationship with the church, and Israel's future restoration in the divine program.

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 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 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.)

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.

BUSINESS**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 300 *Business Communications* 3 hours

Prerequisites: ENGL 102 and CMIS 201

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. As individuals and in groups, students will prepare business memos, letters, and formal

reports, deliver presentations, conduct Internet research, and employ new technologies for 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, Foundational Math, CMIS 220 or MATH 201, and Junior standing

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: ECNC 214

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

Prerequisites: ACCT 212 and BUSI 320

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 *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

Theory and practice of marketing research will be covered with emphasis on development and evaluation of research projects. Students develop a research proposal and carry out a field project.

BUSI 340 *Organizational Behavior I* 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 Resource 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 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 standing and completion of all sophomore and junior required 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 in static cases and then a capstone dynamic computer simulation case. 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: CMIS 201, BUSI 310, and MATH 201

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 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 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. Students participate on teams that compete to develop and present a sales promotional campaign for a proposed or existing company.

BUSI 433 Marketing Management 3 hours

Prerequisites: BUSI 331 and senior status

Advanced study of the role and responsibilities of marketing executives. As the capstone course for students concentrating in marketing, 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. The case method will be used extensively and students will be required to develop a formal marketing plan for an organization.

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 employed using a team approach.

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. The course culminates with an ethical decision-making model that is examined and applied within the context of Christian principles of conduct.

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. Application procedures processed through the Career Center. Must apply semester prior to completing 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 Healthy 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.

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 171 Beginning and Intermediate Sign Language** 3 hours

This course is designed for students who are interested in working with the deaf and who want to learn the rudiments of the American deaf sign language. A study of basic signs and the manual alphabet is given with insights into deafness, the deaf person and deaf education.

CHMN 172 Advanced Sign Language and Interpreting 3 hours
Prerequisite: CHMN 171

A study of advanced signs including interpreting to the deaf in the courtroom, in the hospital, in the doctor's office, for employment, and for church and television. Also, further insights are given into deafness, the deaf person and deaf education.

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

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.

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 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 499 Internship 1 to 6 hours

Prerequisites: Junior or senior standing and required GPA

Application procedures processed through the Career Center. Must apply semester prior to completing internship.

COLLEGE LEARNING STRATEGIES**CLST 100 Foundations for Academic Success** 3 hours

Designed to assist students in their academic adjustment to college. It is part of a special program limited to a select group. Attention is given to goal-setting, organizing for study, time management, textbook mastery, reading comprehension and rate, listening, memory, note-taking, motivation for study, test taking,

study strategies in other classes and orientation to University services.

CLST 101 *College Learning Strategies* 1 hour

Designed to train students in study strategies needed for success in college. Course includes organizing for study, time management, textbook mastery, listening, memory, note taking, motivation for study, reading comprehension and rate, test-taking, and special study strategies for other classes. Open to all students but required of students who have low scores on placement tests, or who are placed on Academic Warning/ Probation.

COMPUTER MANAGEMENT AND INFORMATION SYSTEMS

CMIS 110 *Computing Foundations and Ethics* 3 hours

Prerequisites: MATH 110 and INFT 110 or successfully passing the computer assessment, or approval of instructor.

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.

CMIS 201 *Intermediate Microcomputer 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.

CMIS 211 *Application Programming* 3 hours

Prerequisite: CMIS 110 or CSCI 110

Development of computer and programming skills, problem solving methods, and selected applications. It's a broad-based introduction to programming. Students will learn how to build the program from the design phase all the way through to delivery. Students will have a firm foundation for designing and building their programs, from the ground up.

CMIS 212 *Object-Oriented Programming* 3 hours

Prerequisite: CMIS 211 or CSCI 111

A study of the general-purpose, secure, object-oriented, portable programs. This course prepares students to program stand-alone applications and applications for the World Wide Web. It will cover features such as programming concepts, data types, operators, flow control statements, objects, classes, methods, arrays, strings, and applets. The concept of object-oriented programming is emphasized.

CMIS 310 *Web Architecture and Development* 3 hours

Prerequisite: CMIS 212 or CSCI 112

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.

CMIS 312 *Advanced Object-Oriented Programming* 3 hours

Prerequisites: CMIS 212 and 310

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.

CMIS 320 *IS Hardware and Software* 3 hours

Prerequisites: CMIS 211 or CSCI 111

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.

CMIS 330 *Business Data Communication Systems* 3 hours

Prerequisite: CMIS 320

A study of 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.

CMIS 351 *System Analysis and Design* 3 hours

Prerequisite: CMIS 212

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.

CMIS 430 *Advanced Networking and Communication Systems* 3 hours

Prerequisite: CMIS 330 or CSCI 355

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.

CMIS 450 *Database Management Systems* 3 hours

Prerequisites: CMIS 212; CMIS 220 or MATH 201

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 currently popular in business and government settings.

CMIS 460 *Project Management* 3 hours

Prerequisites: CMIS 351 and ENGI 220

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.

COMMUNICATION STUDIES

COMS 101 *Speech Communication* 3 hours

Prerequisite: ENGL 100 or advanced standing on 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.

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 110 *Computing Foundations and Ethics* 3 hours
Prerequisites: MATH 110 and INFT 110 or successfully passing the computer assessment, or approval of instructor
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.

ECONOMICS

ECNC 213 *Principles of Economics I (Micro)* 3 hours
An introduction to the theory and history of free exchange and economic inquiry. Free market thought will be scrutinized from the perspective of the Christian understanding of human behavior and contrasted with other paradigms. Specific topics include examination of the “economic question,” the tools of economic analysis with focus on the applicability to the study of human behavior, the market process, demand and the consumer, cost and supply, market structure, government regulation, and resource demand and supply.

ECNC 214 *Principles of Economics II (Macro)* 3 hours
This course is an introductory continuation of Principles of Economics I. Topics include supply and demand for the public sector, financial institutions, and aggregated economic behavior. The latter includes discussions of national income accounting, and an inquiry into the origins and dynamics of inflation, unemployment and economic growth.

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 Mental Retardation* 3 hours
Prerequisite: PSYC 345 or EDUC 307
This course is a study of the characteristics of children and adolescents with mental retardation. Interventions for working with the individuals in schools, church and community settings will be addressed as well as preparing adolescents who are MR 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* 1 hour
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. (Formerly GEED 205).

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 390 Teaching Practicum 1 to 6 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** 1 or 3 hours

Emphasis on functional grammar, paragraph development, vocabulary building and enrichment reading. Open to all students but required of students who have low scores on national tests or Liberty University placement tests. Students must receive at least a “C” to be eligible for ENGL 101. A designated section of ENGL 100 is required for ESL students. This course may not meet the General Education requirement in English.

ENGL 101 Composition and Rhetoric 3 hours

Prerequisite: ENGL 100 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 216 English Literature II 3 hours

Prerequisite: ENGL 102 or advanced standing on the placement test

A survey of English Literature from 1660 to the present. Two critical papers are required.

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.

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.

GOVT 220 American Government 3 hours

The issues, interest and institutions of American politics, emphasizing the struggle between liberalism and conservatism.

NOTE: GOVT 200 is a prerequisite to all upper level government courses.

GOVT 301 Ancient Political and Economic Ideas 3 hours

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

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.

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.

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 252 Drugs in Society** 3 hours

An examination of alcohol, tobacco and other drugs effects upon individual, school and community.

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.

INTER - CULTURAL STUDIES**ICST 200 Introduction to Missions** 3 hours

A basic introductory course that presents the philosophy of world evangelization. Particular attention is given to the biblical mandates for discipleship evangelism as they apply to the individual believer and the local church. Discussions include the call, qualifications, message, methodologies of missions and current status of world evangelization. Consideration is given to prayer and theology as they relate to missions also.

INFORMATION TECHNOLOGY**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.

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. (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.

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 115 *Mathematics for Liberal Arts* 3 hours
Prerequisite: MATH 110 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 201 *Introduction to Probability and Statistics* 3 hours
Prerequisite: MATH 110 or the 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.

NURSING

NURS 210 *Health Assessment* 2 hours
(1 hour lecture; 3 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 215 *Sciences in Nursing* 3 hours
Prerequisite: BIOL 211

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 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 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 350 *Advanced Nursing Communication* 3 hours
Prerequisite: Restricted to Registered Nurses only

It is essential that professional nurses have communication skills that are effective in promoting optimal interaction with others in a

variety of situations. This course focuses on developing expert communications skills when communicating with other health care providers and patients and when communicating professional information through writing and speaking.

NURS 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 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 490 *Leadership/Management in Nursing* 3 hours
(1 hour lecture; 6 hours clinical)

Prerequisites: NURS 301, 302, 352 and 353

NOTE: Must be taken the last semester of nursing major

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 492 *Advanced Concepts of Nursing Practice* 3 hours

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

PHIL 104 *Contemporary Worldviews* 3 hours

An overview of the major worldviews, including their history and current relations with other religions and philosophies, their influence, when applicable, on historical forces (cultural, social, political, and economic), and the effects of worldviews on behavior. Common critiques to each worldview will be included and analyzed from various schools such as historicism and existentialism. The issue of absolutes, the existence of God, and how people view revelation from God will be emphasized with several worldviews.

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.

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 *Organization and Administration 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 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 355 *Statistics in Psychology* 3 hours

Prerequisites: MATH 201, PSYC 255

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 497 *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 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: Senior standing, major in psychology

Selected topics in psychology will be treated at an advanced level. Experience will be acquired in clinical settings and through exposure/intern opportunities. Application procedures processed through the Career Center. Must apply semester prior to completing 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.

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

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 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).

WORSHIP STUDIES

WRSP 410 Biblical Foundations of Worship 3 hours

A study of the principles of worship as found in the Old and New Testaments. Includes study of the Tabernacle as a model of worship; worship in the lives of Biblical characters; and the biblical roots of worship practices developed by the early church.

WRSP 420 The Role of the Worship Leader 3 hours

A study of the many and varied roles and relationships of the worship leader. Special emphasis is placed on the relationship between the worship leader and the pastor. Also considered are the relationships between the worship leader and other staff members, singers/ instrumentalists, and the congregation.

WRSP 430 Principles of Leadership for the Worship Leader 3 hours

A study of the characteristics and responsibilities of a good leader as they relate to the worship leader. Planning, organizing, staff development, and decision-making are topics of consideration.

WRSP 440 Current Issues in Worship 3 hours

A study of the current trends and issues related to contemporary worship. Consideration is given to various worship models, worship evangelism, cross-cultural issues, and church worship in transition.

WRSP 480 Tools and Techniques for the Contemporary Worship Leader 3 hours

Prerequisites: WRSP 410, 420, 430 and 440

A study of the current available resources and techniques employed by contemporary worship leaders. Consideration is given to practical issues related to rehearsal techniques, programming, midi technology, sound reinforcement, use of drama, and worship events.

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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B.S., M.S., Tennessee Technological University; M.S., Oklahoma State University; Ed.D., Oklahoma State University. At LU since 1986.

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Chair, Department of Mathematics

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Zaffke, Virginia; B.A., M.A.

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Zealand, Clark; B.S., M.A., Ph.D.

Assistant Professor of Sport Management

B.S., M.A., Liberty University; Ph.D., University of Waterloo – Ontario. At LU since 2008.

Financing the University

PURPOSE

The Office of Planned Giving and the Office of Development are 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, these two offices help 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 and the contact person for additional information.

Planned Giving

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 24502, ___% 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 a regular return 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, provided the family no longer needs this security. 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.

Pooled Income Fund

This is another plan that enables a donor to receive a lifetime income on his gift to Liberty University. Unlike the Annuity Plan, the rate of return is based upon the earnings of the fund rather than the age of the donor. Expert professional management has produced an excellent return to donors since the plan was established.

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. 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 scholarship endowment with the University. Each year the interest earned from the investment will provide tuition help for worthy students. Only the interest earned each year from the principal will be used.

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:

Mr. Tom Arnold
Director of Planned Giving
1971 University Boulevard
Lynchburg, Virginia 24502
(800) 543-5309

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. Steve Peterson
Director of Development
1971 University Blvd.
Lynchburg, VA 24502
(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.

Index

A

A. Pierre Guillermin Integrated Learning Resources Center	6, 48, 206
Academic Administration (LUO)	187
Academic Advising	56, 206
Academic Affairs	228
Academic Amnesty	13, 20, 31, 194, 200
Academic Calendar	ii
Academic Competitiveness Grant (ACG)	33
Academic Honesty	21, 189
Academic Information	15, 196
Academic Programs	51, 208
Academic Standing	19, 199
Academic Support	56
Academic Transcripts	23, 201
Accounting	85, 123, 310, 216
Accreditation, Athletic Training (CAATE)	67
Accreditation, Institutional (SACS)	4
Accreditation, Nursing (CCNE)	77
ACT	11, 36
Acting	80
Activity Fee	25, 26
Adding Courses	18
Administration	228
Admission Notification	12, 194
Admissions Policies	10, 192
Admissions Scholarships	36
Advanced Placement (AP)	15, 196
Advanced Placement (Nursing)	77
Advertising and Public Relations	88, 89
Advising (Online)	206
Advisors	15
Aeronautics, School of	82
Aims, University	5
Air Force ROTC	60, 124
Airline Flight Attendant	83
Alumni Welcome Center	6
Amnesty, Academic	13, 20, 31, 194, 200
Apologetics	119
Appeals, Athletics Scholarship	37
Appeals, Code of Honor	21, 189
Appeals, Financial Aid	32
Appeals, Grade	22, 200
Appeals, Medical	22, 200
Application Fee	10, 203
Application for Admission	10, 192
Army ROTC	61, 165
Art	124
Articulation Agreements	13
Arts & Sciences, College of	60
Assessment Tests	10, 15, 206
Associate of Arts Programs	54, 208
Athletic Scholarships	36
Athletic Training	67-69, 124
Athletics, Intercollegiate	44, 99, 124
Attendance Regulations	18, 198, 204
Auditing Courses	14, 18, 25, 29
Automobiles	25, 45
Aviation	82, 125
Aviation Testing	17

B

Barrick-Falwell Lodge	7, 42
Basic Regulations	187
Biblical Studies	111, 113, 117, 127, 214, 216
Biology	61, 62, 128

Biochemistry	62, 127
Board of Trustees	226
Books (Estimated Cost)	25, 26
Bookstore	6, 46, 206
Break In Enrollment	12, 30, 194
Broadcasting	88, 89
Bruckner Learning Center	58, 206
Business	86, 130
Business, School of	84
Business Studies	115

C

Calendar	ii, 215
Campus Church	41, 207
Campus ID	45, 204
Campus North	6
Campus Recreation	42
Career Center	59, 206
Cars (Student)	25, 45
Center for Academic Support & Advising Services (CASAS)	6, 56
Center for Global Ministries	41
Center for Pre-Law Studies	105
Center for Professional and Continuing Education (CPCE)	56
Center for Worship	113
Central Virginia Community College Articulation Agreement	13, 14
Change in Status	18
Change of Major	17, 53, 198
Changed Grades	31
Check-in, Financial	25, 203
Chemistry	132
Child Evangelism Fellowship (CEF)	111
Children's Ministries	111, 133
Choral Specialization	75
Christian Artist Fellowship (CAF)	113
Christian/Community Service	116
Christian Counseling	210, 218
Christian Education	119
Church History	119, 133
Church Ministries	118, 133
Church Services	41, 207
Class Attendance	18, 198, 204
Class Cancellation Policy	18, 198
Classification of Students	15, 196
CLEP	16, 23, 24, 25, 58, 197
Clinical Health Education Specialist (CHES)	69
Clothing & Textiles	66
Club Sports	43
Clubs and Organizations	39
Coaching	99
Code of Conduct	38
Code of Honor	20, 188
College Learning Strategies	135
College Scholarship Assistance (CSAP)	35
College Transfer Grant	35
Colors (University)	4
Commencement	24, 202
Commercial/Corporate Aviation	82
Communication, School of	88
Communication Studies	88-89, 136
Comprehensive Licensure	97
Computer Competencies	196
Computer Engineering	100, 143
Computer Management and Information Systems	220

Computer Science	102, 139
Conditional Enrollment	193
Confirmation Deposit	12
Consumer Information Statements	32
Convocation	41, 207
Corporate Tuition Assistance	36
Costs to the Student	25, 203
Council for Exceptional Children	95
Counseling, Clinical or Research	79
Counseling Ministries	119
Course Activation (Online)	198
Course Descriptions:	
ACCT (Accounting)	123, 216
AIRS (Air Force ROTC)	124
APOL (Apologetics)	119
ARTS (Art)	124
ATHL (Athletics)	124
ATTR (Athletic Training)	124
AVIA (Aviation)	125
BCHM (Biochemistry)	124
BIBL (Biblical Studies)	119, 127, 216
BIOL (Biology)	127, 217
BUSI (Business)	130, 217
CCOU (Christian Counseling)	218
CEDU (Christian Education)	119
CHEM (Chemistry)	132
CHHI (Church History)	119, 133, 219
CHLD (Children's Ministries)	133
CHMN (Church Ministries)	134, 219
CJUS (Criminal Justice)	134, 219
CLST (College Learning Strategies)	135, 219
CMIS (Computer Management and Information Systems)	220
COMN (Counseling Ministries)	119
COMS (Communication Studies)	136, 220
CRST (Creation Studies)	139, 220
CSCI (Computer Science)	139, 221
ECNC (Economics)	140, 221
EDSP (Special Education)	140, 221
EDUC (Education)	141, 221
ELIL (English Language Institute)	121
ENGC (Computer Engineering)	143
ENGE (Electrical Engineering)	143
ENGI (Industrial and Systems Engineering)	144
ENGL (English)	145, 222
ENGR (General Engineering)	147
ENGS (Software Engineering)	148
ESOL (English as a Second Language)	148
ETHM (Ethnomusicology)	149
EVAN (Evangelism)	120, 149, 222
FACS (Family and Consumer Sciences)	149
FREN (French)	150
FRSM (Freshman Seminar)	151
GBST (General Biblical Studies)	120
GEOG (Geography)	151
GNED (General Education: Contemporary Issues)	151
GOVT (Government)	151, 222
GREK (Greek)	154
GRMN (German)	154
HBRW (Hebrew)	154
HIEU (European History)	154, 222
HIST (History – Research and Methods)	154
HITW (World History)	155
HIUS (United States History)	155, 222

Index

HLTH (Health)	156, 222
HONR (Honors)	157
HUMN (Humanities)	157, 222
ICST (Inter-Cultural Studies)	157
INFT (Information Technology)	158, 222
INTL (International Studies)	158
ISYS (Information Studies)	158
KINE (Kinesiology)	160
LING (Linguistics)	162
MATH (Mathematics)	163, 222
MISC (Military Science)	165
MUSC (Music)	166
NASC (Natural Science)	169
NURS (Nursing)	170, 223
PATH (Pastoral Theology)	120
PHIL (Philosophy)	172, 223
PHSC (Physical Science)	172
PHYS (Physics)	172
PLED (Pastoral Leadership)	173, 224
PRTH (Practical Theology)	120
PSYC (Psychology)	173, 224
SMGT (Sport Management)	175
SOCI (Sociology)	176, 225
SOWK (Social Work)	177
SPAN (Spanish)	177
TESL (Teaching English as a Second Language)	178
THEA (Theatre Arts)	178
THEO (Theology)	120, 180, 225
VCAR (Visual Communication Arts)	180
WRSP (Worship Studies)	182, 225
YOUT (Youth Ministries)	186, 225
Course Fees	25, 26, 123, 203
Course Identification	55
Course Loads (maximum)	15, 196
Course Materials (Online)	203
Course Numbering System	55
Course Prefixes	55
Course Registration	198
Course Repeat Policy	19, 199
Course Substitutions	18, 201
Course Withdrawal (Online)	
Courses of Instruction-Associate and Bachelor's Degrees	123
Courses of Instruction-Diploma Program	119
Courses of Instruction-Online Programs	216
Coursework at Other Institutions	17
Creation Studies	6, 52, 64, 139
Credit by Examination	15, 196
Credit for Experiential Learning	17, 197
Credit for Seminars	17, 197
Credit Hours Defined	15, 196
Credit Hours Required to Graduate	135, 213
Criminal Justice	105, 106, 108, 135, 213
Cum Laude	23, 201
Curriculum Library	48

D

DANTES	17, 25, 58, 197
David's Place	6
Deaf Department	47
Dean's List	15, 196
Declaration of Major	17, 53
Degree Completion	24, 202
Degree Completion Plans	53, 208

Degrees Offered	4
DeMoss Hall	6
Development	248
Developmental Courses	10, 31, 193
Developmental Math	58
Dining Hall	8
Dining Services	47
Diploma Program	10, 30, 54, 117, 214
Disability Academic Support	47, 58, 206
Dismissal (Academic)	19, 199
Distinctiveness	4
Distinguished Professorships	230
Doc's Diner	7
Doctrinal Position	4
Double Major	17, 198
Dress Code	191
Dropping and Adding Courses	18, 198
Dual Enrollment	117, 194

E

Economics	86, 140, 210
EDGE Program	194
Education	141
Education (non licensure)	212
Education, School of	94
Educational Opportunity Grant	33
Edward Via Virginia College of Osteopathic Medicine	13, 62
Electrical Engineering	101, 143
Elementary Education	98
Elementary Licensure	97
Elmer Towns Religion Hall	7
Emergency Notification System	45
Emergency Response Personnel	194
Endowment Scholarship	36
Engineering & Computational Sciences	100
English	91, 92, 145
English Language Institute	13, 121, 195
English and Modern Languages, Dept. of	91
English as a Second Language	93
Enterprise Data Analysis	104
Environmental Science	62
ESL Applicants	13, 31
European History	154
Evangelism	120
Exercise Science	70
Expenses, Online	203
Expenses, Resident	25
Experiential Learning Credit	17, 197
Extensions	200

F

Faculty Roster	231
FAFSA	29
Family and Child Development	65
Family and Consumer Sciences	64, 149,
Family Educational Rights and Privacy Act (FERPA)	14, 24, 202
Fashion Merchandising & Interiors	65
Federal Aviation Administration (FAA)	82
Federal Definition: Leave of Absence	30
Federal Loan Limits	34
Federal SMART Grant	33
Federal Student Aid Programs	33
Federal TEACH Grant	33

Federal Work Study (FWS)	34
Fees	25, 203
Finance	86, 211
Financial Aid	29
Financial Aid Appeals	32
Financial Check-in	25, 203
Financial Policy	25, 203
Financing the University	248
Fine Arts Hall	7
Fitness Specialist	70
Flames Club	44
Foods & Nutrition	66
Football Operations Center	6
Foreign Students	13, 195
French	93, 150
Freshman Seminar (FRSM)	56, 151
FSEOG	33

G

General Biblical Studies	120
General Education Requirements	51
General Education Requirements (Online)	208
General Engineering	147
General Studies Program	56, 213
Geography	151
German	154
GNED	151
Government	106-108, 151
Government, Helms School of	105
Grade Appeal Process	22, 200
Grade Point Average	15, 196
Grades, Recording of	22, 201
Grading System	15, 196
Graduate of Theology Diploma	117
Graduation Approval	24, 202
Graduation Ceremony	24, 202
Graduation Check List	23
Graduation Fee	25, 203
Graduation Honors	23, 201
Graduation Requirements	23, 201
Grand Lobby	7
Graphic Design	90
Greek	113, 154
Grievance Process	

H

Hancock Athletic Center	7
Health	156
Health & Physical Education	70
Health & Wellness Center	7
Health Promotion	69
Health Record	12
Health Sciences	66
Health Services	7, 46
Hebrew	154
Helms School of Government	105
Help Desk (IT)	46
History	71, 154
Home School Applicants	11, 193
Honor Code (Academic)	20, 188
Honor Societies:	
Alpha Lambda Delta	58
Alpha Psi Omega	80
Kappa Delta Pi	95
Kappa Mu Epsilon	73

Index

Omicron Gamma Phi	64
Phi Alpha Theta	72
Phi Sigma Tau	110
Pre Med	62
Psi Chi	78
Sigma Beta Delta	84
Sigma Delta Pi	91
Sigma Tau Delta	91
Tau Sigma	58
Honors at Graduation	23
Honors Program	23, 36, 52, 157
Housing Fee	25, 26
Housing Regulations	38
Human Development	79
Human Resource	86
Human Services	79
Humanities	157

I

Incomplete (Grade)	22, 200
Independent Study	18
Indoor Soccer	8
Indoor Track	9
Industrial / Organizational	79
Industrial & Systems Engineering	101, 144
Information Services	46
Information Systems	103, 104
Information Technology	100, 158
Initial Payment, Returning Students	26, 203
Institutional Challenge Exam (ICE)	16, 197
Institutional Purpose and Aims	5
Instructional Delivery Methods	187
Instrumental Specialization	75
Integrated Learning Resource Center (ILRC)	6, 48, 206
Integrated Studies	98
Intelligence Specialization	102
Intensives	206
Intercollegiate Athletics	44
Inter-Cultural Studies	110, 112, 113, 157
Interdisciplinary Studies	57
Interest Fees	27
International Admission	13, 195
International Business	87, 211
International Politics & Policy	107
International Student Center	46
International Studies	72, 158
International Relations	106
Internship Program	59, 207
Intramural Sports	43
Introduction to Liberty University	6

J

Jerry Falwell Memorial Garden	7
Jerry Falwell Museum	7
Journalism	88, 89
Judaic Studies, Center for	6

K

Kinesiology	69, 160
-------------	---------

L

Lab Fees (see Course Fees)	25, 26, 123, 203
LaHaye Ice Center	7, 42

LaHaye Student Union	7, 42
Leave of Absence	30
Liberty Mountain Snowflex Centre	7, 42
Liberty OneCard	45
Liberty University Scholarships	36
Liberty Way, The	38
Library	6, 48, 206
Licensure – Other States	97
Licensure Programs	95
Life Experience Credit	197
Linguistics	93, 162
Lloyd Auditorium (Fine Arts Hall)	7
Location (Liberty University)	4
Lost ID	27
LU Abroad	41
LU Online Schedule	215

M

Magna Cum Laude	23, 201
Major, Change of	17
Major, Declaration of	17
Majors	53, 208
Management	87, 211
Management Information Systems	212
Marketing	87, 211
Mathematics	73, 163
Matthes-Hopkins Track	8
Media Services	49
Medical Withdrawal Policy	27
Military Evaluations	12, 17, 194, 197
Military Science	165
Military Specialization	83
Minors	17, 54, 208
Accounting	87, 211
Aviation	83
Biblical Greek	113
Biblical Studies	113, 213
Biology	63
Business	87, 211
Chemistry	63
Christian Counseling	210
Church Ministries	213
Coaching	99
Communication Studies	90
Computer Science	104
Creation Studies	64
Criminal Justice	108, 213
English	93
Enterprise Data Analysis	104
Family and Consumer Sciences	66
French	93
Government	108
Graphic Design	90
Health Promotion	71
History	73
Information Systems	104
Inter-Cultural Studies	113
International Relations	108
Kinesiology	71
Linguistics	93
Management Information Systems	212
Mathematics	74
Music	76
Philosophy	113

Photography	91
Politics and Policy	108
Psychology	79, 210
Sociology	79
Spanish	93
Special Education	98, 212
Sport Management	99
Strategic and Intelligence Studies	108
Studio Art	91
Theatre Arts	81
Theology	113
Western Legal Traditions	108
Women's Ministries	113
Writing	57
Youth Ministries	113
Missionary Specialization	83
Mission Statement	5
Mission Statement (Online)	187
Modern Languages	91-93
Molecular Biology	63
Monogram (LU)	8
Montview Mansion	8
Motto	4
Multicultural Enrichment	38
Multidisciplinary Studies	209
Multi Purpose Center (Schilling)	7
Music	75, 166
Music & Humanities, Department of	74
Music Performance	76
Music Scholarship	37

N

National Merit Scholarships	37
Natural Science	169
New Student Assessment Fee	25, 26
Numbering System (Courses)	55
Nursing	77, 170
Nursing – RN to BSN	193, 209

O

Off-campus Housing	38
Online Courses	216
Online Ministries	41, 207
Online Student Advocate	207
Online Writing Center	206
Open Air Testing Site Lab	8
Orientation of New Students (see Freshman Seminar)	56
Osborne Stadium	8
Outdoor Recreation	42

P

Parent and Family Connection	38
Pastoral Leadership	112, 115, 173
Pastoral Leadership and Biblical Exposition	110
Pastoral Theology	120
Pastoral Training	118
Payment Plans	27, 204
Pell Grant	33
Performance Specialization	80
Philosophy	111, 113, 172
Philosophy & Religion	110, 111
Philosophy of Education	5
Physical Education	70-71

Index

Physical Science	172
Physics	172
Plagiarism	20, 188
Planned Giving	248
PLUS Loans	34
Politics and Policy	107, 108
Postal Services	47
Practical Theology	120
Praxis Tests	96
Prayer Chapel, R. C. Worley	8
Pre-Med	63
Priority Admission	12
Privacy Act	14, 24, 202
Probation (Academic)	10-12, 19, 39, 58, 68, 96, 192-194, 199
Probation (Disciplinary)	12, 191, 194
Probation (Financial Aid)	29, 31, 32, 39
Production Specialization	80
Programs of Study	51-53, 208
Psychology	78, 173, 209
Public Safety Services	45
Purpose Statement	5

Q

Qualitative Standard	29
Quality Points	15, 196
Quantitative Standard	30

R

Radio Stations	9
Readmission Policies	12
Reber-Thomas Dining Hall	8
Recording/Changing of Grades	22, 203
Recreation Facilities	42
Refund Policy	27, 205
Registration	198
Registration, Special Student	17, 198
Rehabilitative Services	35
Religion	111-112, 213
Religion Hall	8
Religion, School of	109
Remedial Course Work	31
Repeating Courses	19, 31, 199
Replacement ID	27, 204
Required GPA	30
Resident Students Taking Online Courses	26
Returned Payment Fee	26, 203
Returning Students	26, 203
Room and Board	25
ROTC – Air Force	60, 124
ROTC – Army	61, 165
ROTC Scholarship	61
Rules for Conduct	38

S

SAT	11
Satisfactory Academic Progress	29
Scheduling Courses	198
Schilling Center	7
Scholarships, LU	36
Scholastic Standings	12, 19, 193, 199
Science Hall	8
Secondary Licensure	97
Semester Credit System	15, 196

Semester Load (Normal)	15, 196
Servicemember's Opportunity Colleges (SOC)	194
Ski Lodge	7, 42
SMART Grant	33
Social Sciences	72
Social Work	177
Sociology	176
Software Engineering	102
Spanish	91, 92, 177
Special Education	14, 17, 31, 195
Special Students	88, 89
Speech Communication	41
Spiritual Programs	98, 175
Sport Management	44
Sports	229
Staff	34
Stafford Loans	5
Standard of Dress	191
Statement of Purpose	5
Strategic and Intelligence Studies	107, 108
Student Accounts	27, 204
Student Activities	42
Student Advocate Office	46, 207
Student Affairs	38
Student Care and Conduct	38
Student Classification	15, 196
Student Clubs	39
Student Government Association	39
Student Housing	38
Student Leadership	40
Student Service Center	46
Student Services (Online)	206
Student Teaching	96
Student Union	7, 42
Students' Rights and Responsibilities	32, 33
Studio Art	90
Study Abroad	52
Summa Cum Laude	23, 201
Suspension (Academic)	12, 19, 199
Symbols	4

T

Teacher Education	94
Teacher Education Hall	8
Teacher Endorsement Areas	94
Teacher Licensure	95
Teaching English as a Second Language	91, 93, 178
Technology Fee	25, 26, 203
Television Station	9
Testing (Online)	187
Test Scores	11
Theatre Arts	80, 178
Theatre Arts, Department of	80
Theatre Ministries	115
Theology	113, 120, 180
Thomas Indoor Soccer Center	8
Tilley Student Center	8
Time Limits for Degree	24, 202
Title IV Student Aid Programs	33
Title IV Withdrawal Policy	27, 204
TOEFL	13, 195
Tolsma Indoor Track	9
Towns-Alumni Lecture Hall	7
Transcript of Records	23, 201

Transfer Courses	31
Transfer of Credits	12, 15, 193, 196
Transfer Students	12, 193
Transit Service	45
Transportation Fee	25, 26
Tuition and Fees	25, 203
Tuition Assistance for Military	35, 36
Tuition Assistance Grant	35
Tutoring / Testing Center	58
Type (Institution)	4

U

Undergraduate Academic Information	15, 196
Undergraduate Admissions	10, 192
United States History	155
University Administration	228
University Calendar	ii
University Writing Program	50, 206
Unofficial Withdrawals	199, 204
Unpaid Accounts	27, 204
Up-Front Tuition Assistance	36

V

VA Benefits	35
VCOM	13, 62
Veteran Affairs Educational Assistance	35
Vines Center	9
Virginia Student Aid Programs	35
Visitors Center	9
Visual Communication Arts	89, 90, 180
VTAG	35

W

Warning (Academic)	10-12, 19, 58, 135, 192-193, 199, 220
Warning (Financial Aid)	29, 31, 32
Washington Semester	25, 59
Websites	4
Web Technology and Design	103
Western Legal Traditions	107, 108
Williams Stadium	6, 9
Willmington School of the Bible	117
Withdrawal Fee	27, 204
Withdrawal from Courses	199
Withdrawal from the University	18, 199, 204
Withdrawal Policies	27, 204, 205
Withdrawal Refund Policy	27, 204
Women's Ministries	112, 113, 115, 118
Work Study	43
World History	155
Worship and Music Studies	113, 114
Worship Leadership	115
Worship Technology	115
Worthington Stadium	6
Writing Center, Undergraduate	50
WRVL	9
WTLU	9
WWMC	9

X - Y

Youth Ministries	112, 113, 115, 186
------------------	--------------------

Z

Zero Credit Internships	59
-------------------------	----

Notes
