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

UNDERGRADUATE CATALOG
2011-2012

Liberty University is accredited by the
Commission on Colleges of the Southern Association of Colleges and Schools
to award associate, bachelor, master, specialist, and doctoral degrees.
Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097
or call 404-679-4500 for questions about the accreditation status 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 2011-2012*

FIRST SEMESTER

August 8, Monday
Faculty Return

August 10 - 16, W - F; M – T
Faculty Orientation

August 16, Tuesday
Early Residence Hall check-in begins at 6:00 p.m. for new students who have completed financial check-in

August 17, 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 17 - 20, Wednesday – Saturday
Orientation, Freshman Seminar and Registration
Required for all new, transfer and former undergraduate students

August 18, Thursday
Graduate Orientation – required for all new, transfer and former graduate students

August 19, Friday
Residence Halls open for returning students at 1:00 p.m.
Meal Plans begin at lunch for returning students
Registration for returning and former students

August 22, Monday
Classes begin, 7:40 a.m.

August 26, Friday
Last day to register at 4:00 p.m.
Last day to add or drop a class
Last day to adjust tuition

October 6 – 7, Thursday – Friday
Fall Break

November 18, Friday
Thanksgiving Vacation begins after last class
Dining Hall closes after dinner

November 21 – 25, Monday – Friday
Thanksgiving vacation

November 28, Monday
Last day to withdraw from a UG class with a W

December 7, Wednesday
Last day of classes
Last day to withdraw from a GR class with a W'

December 8, Thursday
Reading Day

December 9-16, Friday – Friday
Final Examinations

December 16, Friday
Final Exam Make-up Day
First semester ends
Residence Halls close at noon
Dining Hall closes after dinner

December 23, Thursday
Final grades due

WINTER INTERSESSION

January 2 - January 13

SECOND SEMESTER

January 9, Monday
Faculty Return

January 11, 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 11 - 14, Wednesday – Saturday
Orientation and Freshman Seminar and Registration
Required for all new, transfer and former UG students

January 12, Thursday
Graduate Orientation – required for all new, transfer and former graduate students

January 13, Friday
Residence Halls open for returning students at 1:00 p.m.
Meal Plans begin at lunch for returning students
Registration for returning and former students

January 16, Monday
Classes begin, 7:40 a.m.

January 20, Friday
Last day to register at 4:00 p.m.
Last day to add or drop a class with no grade
Last day to adjust tuition

March 9, Friday
Spring Vacation begins after last class
Dining Hall closes after dinner

March 12-16, Monday – Friday
Spring Break
Spring Intensives

April 6, Friday
Last day to withdraw from a UG class with a W

April 9, Monday
Easter Holiday
No Classes

April 11, Wednesday
Annual Assessment Day

May 1, Tuesday
Last day of classes
Last day to withdraw from a GR class with a 'W'

May 2, Wednesday
Reading Day

May 3 - May 8, Thursday – Tuesday
Final Examinations

May 11, Friday
Baccalaureate Service;
Second semester ends

May 12, Saturday
Commencement
Dining Hall closes after breakfast

May 18, Friday
Final grades due

May 23 - 25, Wednesday – Friday
Faculty Workdays

SUMMER SESSION

May 14 - August 17

*The University calendar is posted online at www.liberty.edu/registrar
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This publication uses the masculine pronoun in the generic sense.
From the Chancellor

Forty years ago, my father established Liberty University with the vision of Training Champions for Christ; individuals who are primed and ignited in their passion to excel in a chosen career field and are spiritually grounded in their faith.

You have the opportunity to be part of this vision!

Today 12,200 residential students from 50 states and 75 countries attend our residential campus in Lynchburg, Virginia, with another 60,000 individuals doing the same in our online classrooms. Liberty University students graduate with a degree and the skill sets necessary to rise to the top of even the most competitive professions.

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

Welcome to a new era in your life.

Jerry Falwell, Jr.
Chancellor and President
From the Provost

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

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

Liberty faculty now number more than 1,950 with over seventy percent possessing terminal degrees. Liberty University’s 1,488 full-time and more than 625 adjunct faculty are committed to teaching their students to explore the vital linkages between faith and learning. Liberty’s distinctively different teaching occurs in the classroom, but it also occurs via a wide range of carefully supervised and reality based experiences, including internships, externships and cross-cultural exposures. To be clear, the Liberty educational experience can and frequently does take place through a wide variety of traditional, online and experiential methods of instructional delivery.

Liberty continues to rapidly increase its academic offerings. Liberty currently offers 65 undergraduate majors with more than 93 concentrations or cognates and 37 graduate programs (including four doctoral programs). This range of degree options purposely aims at providing our students with a marvelous array of career opportunities. The addition of a School of Law, a School of Engineering, a School of Health Sciences and a College of General Studies in addition to our active plans for a School of Medicine are proof that Liberty has become a full service university, offering its students a plethora of career options. But, at Liberty we do more than simply educate and train our students.

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

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

FOUNDED
1971

LOCATION
Liberty University is located in the heart of Virginia in Lynchburg (population 72,000) on the south banks of the historic James River with the scenic Blue Ridge Mountains as a backdrop. The city is over 200 years old and is noted for its culture, beauty, and educational advantages. Lynchburg is at the crossroads of U.S. highways 29 and 460 and has adequate transportation facilities by bus, railway, and air.

CAMPUS
Liberty’s campus is surrounded by beautiful mountain vistas and extends over 6,500 acres with 212 buildings that consist of over four million square feet of facilities.

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 of Arts and Associate of Applied Science degrees are offered. The College of Arts and Sciences offers the Doctor of Philosophy in the field of Counseling, Master of Arts degree in the fields of Counseling, English, History, Human Services, and Philosophical Studies. The Alton W. and Lois H. Graduate 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 the Master of Arts in Communication Studies. The School of Education offers the Doctor of Education, Educational Specialist, Master of Education, Master of Arts in Teaching and Master of Science in Sport Management degrees. Helms School of Government offers the Master of Arts in Public Policy. The School of Health Sciences offers the Master of Public Health and the Master of Science in Nursing degrees. The School of Law offers the Juris Doctorate. Liberty Baptist Theological Seminary and Graduate School offers the Master of Divinity, Master of Arts in Christian Ministry, Master of Arts in Ethnomusicology, Master of Arts in Global Studies, Master of Arts in Religion, Master of Arts in Theological Studies, Master of Arts in Worship Studies, Master of 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

ACADEMIC CALENDAR
Two semesters with a Winter Intersession and Summer Session

ACCREDITATION AND MEMBERSHIPS
The University is 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, specialist and doctoral degrees. The Commission may be contacted only if there is evidence that appears to support an institution’s significant non-compliance with a requirement or standard.

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

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

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

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

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

The Commonwealth of Virginia Department of Education approves the School of Education teacher preparation programs. The School of Education is accredited at the initial and advanced preparation levels by the National Council for Accreditation of Teacher Education (NCATE).
The Bachelor of Science in Sport Management program is accredited by the Commission on Sport Management Accreditation (COSMA).

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

STATE CERTIFICATION

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

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

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

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

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

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

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

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

Doctrinal Position

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

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

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

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

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

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

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

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

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

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

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

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

Philosophy of Education

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

God, the infinite source of all things, has shown us truth through scripture, nature, history, and above all, in Christ.
Persons are spiritual, rational, moral, social, and physical, created in the image of God. They are, therefore, able to know and to value themselves and other persons, the universe, and God.

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

**Statement of Mission and Purpose**

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

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

Liberty University will:

1. Emphasize excellence in teaching and learning.
2. Foster university-level competencies in communication, critical thinking, information literacy, and mathematics in all undergraduate programs.
3. Ensure competency in scholarship, research, and professional communication in all graduate programs.
4. Promote the synthesis of academic knowledge and Christian worldview in order that there might be a maturing of spiritual, intellectual, social and physical value-driven behavior.
5. Enable students to engage in a major field of study in career-focused disciplines built on a solid foundation in the liberal arts.
6. Promote an understanding of the Western tradition and the diverse elements of American cultural history, especially the importance of the individual in maintaining democratic and free market processes.
7. Contribute to a knowledge and understanding of other cultures and of international events.
8. Encourage a commitment to the Christian life, one of personal integrity, sensitivity to the needs of others, social responsibility and active communication of the Christian faith, and, as it is lived out, a life that leads people to Jesus Christ as the Lord of the universe and their own personal Savior.

Approved by the Board of Trustees, November 12, 2010

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**Statement on Worldview**

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

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

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

A. L. WILLIAMS STADIUM
The Flames play NCAA Division I-AA Football on the FieldTurf of Williams Stadium named in honor of Art and Angela Williams, special friends of Liberty University and Flames Athletics.
In January 2010, construction began to expand the original 12,000-seat stadium, built in 1989, to increase seating capacity to 19,200. Completed for the beginning of the 2010 season, the expansion included a five-story football tower featuring a fourth-floor luxury suite concourse and a third-floor club pavilion. The Club Pavilion features an 11,000 square-foot hospitality room and outdoor club seating for 770. The new tower houses the Athletics Administrative offices and includes expanded concessions and restrooms, academic center, and media terrace. The tower stands 100-feet tall, and stretches from five-yard line to five-yard line, and is serviced by two elevator shafts.
The A. L. Williams Football Operations Center (FOC) was completed in August 2006. The three-story, 48,000-square foot building is located in the North End Zone at Williams Stadium.
The Football Operations Center houses specially-designed weight training equipment in a spacious weight ant conditioning area, team locker room, academic lab, equipment room and a cutting-edge athletic training facility.
The top floor of the FOC houses coaching staff and administrative offices, numerous video and conference rooms and a uniquely-designed viewing room that overlooks the North end zone.

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.

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

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

BRUCKNER LEARNING CENTER
The Bruckner Learning Center (BLC) is located on the third floor of the DeMoss Learning Center. The primary purpose of the BLC is to plan, develop and maintain quality, University-wide academic support services for all students. The BLC also includes faculty offices and a testing and tutoring center.

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

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
Established in 1985, the Center for Creation Studies is an interdisciplinary education and research institute committed to the study of the origin of the universe, the earth, life, and species. This study draws upon knowledge from religion, science, philosophy, and history.
The Creation Hall Museum was dedicated in March 2010, to coincide with the 25th anniversary of Liberty’s Center for Creation Studies. Located in the back hallway of the Arthur S. DeMoss Learning Center, the Creation Hall Museum displays relics of fossils and some of the evidences for Biblical Creation.

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

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

COOK TENNIS CENTER
Opening in August 2011, the Cook Tennis Center is located adjacent to the Hershey-Esbenshade 12 championship tennis courts located at Liberty's Green Hall. The 2,500-square foot building houses two locker rooms, training and laundry rooms, a stringing room, four offices for coaches, a kitchen area, team room and a balcony that will overlook the tennis courts.

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

DAVID’S PLACE
David’s Place is dedicated to the memory of David A. DeMoss, a gentle and loving young man who died tragically in an automobile accident in January 1988. Offices for The Center for Worship, faculty, administrative offices and classrooms for the Department of Music and Worship Studies are all located in this facility.

DISC GOLF COURSE
Located at East Campus, an 18-hole disc golf course opened during the Spring of 2010.

DOC’S DINER
Doc’s Diner, constructed in 2008, overlooks Jerry Falwell Parkway (Route 460) on 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.

EAST FIELDHOUSE AND MULTI-SPORT COMPLEX
Under construction for late 2011, this facility will serve as the home for the Lady Flames Lacrosse and Field Hockey teams as well as serve as an intramural facility. All three playing surfaces for field hockey, lacrosse, and intramural fields will feature state of the art Shaw Sportexe® turf systems. The adjacent 12,735 square foot structure will house team and training rooms as well as lockers for athletes, visiting teams, and officials.

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 Liberty Baptist Theological Seminary. The central focus of the renovation is the addition of the Towns-Alumni Lecture Hall, a 750-seat lecture hall featuring sloped floors, cushioned chairs and state-of-the-art lighting and acoustics, along with the addition of a columned main entrance. This building houses the Center for Youth Ministry and the Center for Global Ministries.

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

In 2011, Liberty Baptist Theological Seminary was relocated to Towns Hall.

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.

MARIE F. GREEN HALL
Originally known as Campus North, Green Hall houses the University Chancellor’s Office, administrative offices, Admissions Offices, Student Services (Student Accounts, Financial Aid, and Registrar’s Office), Student Affairs, the Office of Christian/Community Service, LaHaye Student Center, Tilley Student Center, Tolsma Indoor Track, the Tower Theater, Post Office, Centra Health Services, Spiritual Life offices, Law School, and Liberty University Online.

HANCOCK WELCOME CENTER
Scheduled for completion in January 2012, the Hancock Welcome Center is a three-story 32,000-square foot facility that will house the Visitors Center, including a large meeting room, smaller counseling rooms, a museum, and a gift shop. It is located across from the bookstore and Williams Stadium and near the Carter-Glass Mansion and the gravesite of Liberty founder Jerry Falwell, Sr.

The Visitors Center provides prospective students and their families with the resources for campus visits as well as student-led tours. 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.

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

HERSHEY-ESBENSHADE TENNIS COURTS
Built in 2009, the Hershey-Esbenshade Tennis Courts are located at Green Hall. The 12 NCAA-regulation tennis courts provide an excellent facility for the championship tennis competition.
INTRODUCTION TO THE CAMPUS

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

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

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

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

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

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

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

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

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

LIBERTY UNIVERSITY EQUESTRIAN CENTER
Opening in Fall 2011, the Liberty University Equestrian Center will provide students and staff with the opportunity to take part in recreational horse activities, trail rides and the boarding of personal horses. Boarders of all disciplines, breeds and experience levels are welcome.

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

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

LIBERTY UNIVERSITY RESIDENTIAL ANNEX
Located off Route 29 on Odd Fellows Road, the Liberty University Residential Annex houses up to 500 residential students as well as provides conference center space for Liberty University Online intensive courses and space for the English Language Institute. The facility is serviced by a dedicated bus route throughout the academic year.

LUURTSEMA CENTER
Completed in August 2010, this 5,000 square foot, two-floor center was named after William and Wanda Luurtsema, who provided a generous donation to the project. The building includes offices for the men’s and women’s soccer, track and field, and lacrosse programs. In addition to offices, the building also contains four locker rooms, a training room, a laundry area and team rooms.

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

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

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 Green Hall, 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. 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, who gave the lead donation for the complex project. Improvements to the facility include 1,000 chair back seats, press box, 5,000 square-foot Soccer and Track Operations Center, scoreboard, and brick and wrought iron fencing.

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

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

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

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 connote by its name, the Science Hall houses science classrooms and labs for biology, chemistry, family and consumer sciences, physical science, and physics.

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

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

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 Green Hall 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.

TOLMSA INDOOR TRACK AND CONFERENCE CENTER
The Tolmsa Indoor Track and Conference Center is located in Green Hall. The Center features a flat 200 meter Mondo surface. It has a wide radius, a four-lane oval and an eight-lane, 60-meter straightway. Located inside of the complex are two long/triple jump runways, a pole vault runway and a high jump apron, with all the apparatuses being permanent and having a Mondo surface. The FinishLynx timing system greatly increases the ability to host high level meets at the facility. The Center will also serve as a conference and convention center.

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

WORTHINGTON STADIUM
Originally named Liberty Field, in May 1986, the field was officially named Worthington Field after former Liberty Baseball Coach and Athletic Director Al Worthington. The name was changed to Worthington Stadium in 1995. The playing field is natural grass and the stadium has a seating capacity of 2,500.
During the summer of 1999, a 5,200 square-foot hitting area was constructed, complete with lighted batting cages and modern hitting equipment.
In 2003, a state-of-the-art clubhouse was added. The clubhouse includes locker facilities, restrooms, indoor batting cages, private boxes, and a team room. With the addition of stadium lighting in March 2008, the inaugural night game had a stadium-record 3,183 fans attending the historic game.

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.

DIGITAL CAMPUS
Liberty University’s campus can be viewed in digital format at http://www.libertyu.com/index.cfm?PID=16419.
**Library University Online**

**MISSION**

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

**HISTORY**

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

Now, 26 years later, the initial goal to provide quality Christian education to students around the world has remained intact. Currently, Liberty University Online services over 60,000 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 Liberty University Online students in the convenience of their own homes. Courses are also offered in an intensive format a number of times throughout the year.

**INSTRUCTIONAL DELIVERY METHODS**

Liberty University Online offers its courses through several delivery methods. The University has adopted Blackboard®, an online software platform, as its primary delivery method. Students can access individual lessons, have interaction with other students taking the same course, utilize links to online resources, view supplemental streaming video clips, and receive direct feedback from their professors using this innovative means of delivery. Students may also be required to purchase video tapes or DVDs for select courses. 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 14- to17-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**

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

**TESTING**

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

**COURSE MATERIALS**

Students purchase all course materials from MBS Direct. Purchases can be made online by accessing the web page at [http://www.mbsdirect.net/liberty](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.

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

In addition to Liberty University’s general education requirements, distance education students may also be required to fulfill additional requirements set by their home states. Details by state will be added to the Degree Completion Plan. Specific Degree Completion Plans for those states whose requirements differ are available from Liberty University Online Advising.

**IMPORTANT INFORMATION REGARDING INTERNSHIPS AND CLINICAL PLACEMENTS**

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

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

Academic Calendar 2011 – 2012

The Liberty University Online academic school year consists of three terms: fall, spring, and summer. Terms consist of three eight-week sub-terms, and one semester-long sub-term which can range from fourteen to seventeen weeks in length.

Fall Semester 2011 – 17-week and 8-week (2011-40)

Registration for Fall 2011 Opens June 17th, 2011

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<th>Sub-term</th>
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<th>Registration Deadline</th>
<th>Financial Check-In Deadline</th>
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Spring Semester 2012 – 17-week and 8-week (2012-20)

Registration for Spring 2012 Opens October 18th, 2011

<table>
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<tr>
<th>Year</th>
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<th>Registration Deadline</th>
<th>Financial Check-In Deadline</th>
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<th>Drop/Add Period</th>
<th>Start Date</th>
<th>Deadline Date Last Day to Withdraw</th>
<th>Grades Dues</th>
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Summer Semester 2012 – 14-week and 8-week (2012-30)

Registration for Summer 2012 Opens March 5th, 2012

<table>
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<th>Student Access to Course</th>
<th>Drop/Add Period</th>
<th>Start Date</th>
<th>Deadline Date Last Day to Withdraw</th>
<th>Grades Dues</th>
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<td>5/14/12</td>
<td>7/06/12</td>
<td>7/18/12</td>
</tr>
</tbody>
</table>

Please note the following:

- Only limited courses are available each semester in Terms A and C
- Tuition Recalculation
  - If a student registers full time and subsequently withdraws from one or more courses which results in their remaining enrollment being less than full-time (part-time), they will be charged the part-time tuition rate for the remaining courses in that semester. If the new tuition rate results in a balance, the student is responsible for making payment.
    - Undergraduate students enrolled in less than 12 hours constitutes part time status
    - Graduate students enrolled in less than 9 hours constitutes part time status
- View the Liberty University Online Academic Calendar at:
  http://www.luonline.com/index.cfm?PID=14238
Undergraduate Admissions – Resident Program

Chris E. Johnson, B.S., M.B.A.
Senior Vice President for Enrollment Management

Larry D. Hoezee, B.A., M.A., Ph.D.
Executive Director of Resident Enrollment Management

William Wegert, B.S., M.S., M.Div., D.Min.
Dean of International Student Programs
Director of Resident Graduate Admissions

Terry Elam, B.S., M.Ed., Ph.D.
Director of Admissions

Laurie Roe, B.A., M.B.A.
Director of Recruitment

Michael Shenkle, B.S., M.B.A.
Director of Orientation, and Retention

General Requirements

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

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

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

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

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

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

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

CONTACT INFORMATION

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

Resident Admissions Office:
Phone: 800-543-5317
Fax: 800-542-2311
Email: admissions@liberty.edu
Websites: www.libertyu.com; www.liberty.edu

Application for Admission

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

ITEMS TO BE SUBMITTED
1. Application Fee – $40.00 (non-refundable, non-transferable)
2. Academic Records
   Prior to matriculation, applicants must submit an official transcript (see below for details) from an accredited high school or an official transcript of the General Educational Development (GED) test scores. Applicants with prior college coursework must submit official transcripts from all colleges attended.
   
   To be considered complete, a high school transcript must meet the following minimum requirements:
   a. Preliminary transcript – must reflect all coursework and final grades received for grades 9-11, an overall grade point average (GPA), and should be signed by the school administrator.
   b. Final transcript – must reflect all coursework and final grades received for grades 9-12, must list graduation date, an overall GPA, and must be signed by the school administrator.

   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 Resident Admissions Office.

   Official transcripts of the final high school or college records must be requested directly from the educational institution and sent to the Resident Admissions Office. An official high school or homeschool transcript is defined as a transcript received in a sealed envelope with the school’s
address. 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, however, meeting this minimum standard does not guarantee acceptance. All transcripts are converted to a 4.00 scale. Applicants who fail to meet the minimum required GPA will be evaluated on other indicators of ability to perform satisfactorily at the college level and may be admitted on Academic Caution or Probation. All students accepted on Academic Caution or Probation status will be limited to 13 semester hours of coursework including:

CLST 100/Foundations for Academic Success or CLST 101/College Learning Strategies

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

3. **Test Scores**

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

Information on the SAT I may be obtained via the Internet at 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; P.O. Box 168; Iowa City, Iowa 52243. Liberty’s Institutional Codes are 5385 for the SAT I and 4364 for the ACT.

4. **Essay**

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

5. **Other Documentation**

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

6. **Priority Deadlines for Admissions Process**

**Resident Program:**

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

- **Spring:**
  - Application: November 1

**Developmental Courses**

The University offers eight 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 Caution 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.**
   - This course is designed to assist students in their academic adjustment to college. There is a focus on learning and application of study strategies and self-management skills. In addition, emphasis is placed on community and accountability which provide the foundation for academic success.

2. **CLST 101 – College Learning Strategies.**
   - This course is designed to equip students with the study strategies necessary for success at the college level. It teaches self-management skills such as organization and time management, as well as learning strategies including memory and test-taking. Students are also encouraged to discover their individual learning styles, while incorporating practical application techniques.

3. **CLST 102 – College Reading Improvement.**
   - This course is designed to teach students the essential reading skills necessary to improve their ability to comprehend the material contained in college textbooks. Topics include analytical reading, critical reading, and vocabulary development.

4. **CLST 103 – Individualized Laboratory in Reading and Study Strategies.**
   - This course is an individualized program in reading and study strategies based on students’ goals and assessed needs. The varied curriculum focuses on academic, personal, and/or spiritual domains. It is delivered in a lab format with faculty/student interaction.

5. **CLST 105 – Strategies for the Application of College Learning Skills.**
   - This course provides strategies that will enable students to apply college learning skills to their current courses. It incorporates one-on-one mentoring, as well as weekly accountability. It is designed to foster an awareness of current academic progress and to encourage the motivation and responsibility necessary for academic success.

6. **ENGL 100 / ESOL 100 – Basic Composition.**
   - These courses are available to students who do not have a strong back-ground in English grammar and basic composition. ESOL 100 is designed for students whose native language is not English.
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/media/2100/PDF_Sample_Transcript.pdf 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 Registrar’s Office from the Registrar(s) of the respective institution(s) of higher learning.

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

TRANSFER OF CREDITS

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

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

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.

ADMISSION NOTIFICATION

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

CONFIRMATION DEPOSIT

New students who decide to attend Liberty University must pay a $250 Confirmation Deposit. This deposit secures any available institutional grants or scholarships; however, only completion of Financial Check-In ensures the availability of a housing assignment and class schedule. 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 May 1 of each academic year for those who confirmed for fall term, and by December 1 for those who confirmed for spring term. After these deadlines, the $250 confirmation deposit is nonrefundable and non-transferable. The credit, however, may be deferred up to one academic year should the student be able to attend in a subsequent semester. Deposited students who change their intended entrance year will be held to the refund deadlines and policies of the original intended entrance year. Students who are late in applying and/or who do not confirm until after the refund deadline are still subject to the same policy.
UNDERGRADUATE ADMISSIONS – RESIDENT PROGRAM

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

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

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

The University Honors Program
Director, Honors Program
Associate Professor of English

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

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

Applicants whose native language is other than English must submit official scores for the Test of English as a Foreign Language (TOEFL) or an approved alternative assessment unless the student plans to enroll in the English Language Institute first. The University accepts into its undergraduate programs students who achieve a TOEFL score of 61 (IBT) or an equivalent score on the International English Language Testing System (IELTS) or the Pearson Test of English (PTE). Additional assessment following arrival on campus may determine the need for English as Second Language (ESOL) and other Developmental Courses (listed on Page 12-13) before being admitted to the Freshman English series.

Applicants whose TOEFL, IELTS, or PTE score does not meet the minimum University requirement for undergraduate programs may be admitted to a degree program conditional upon successful completion of Level IV of 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 mandatory student health insurance fee is added to the account of international students other than Canadian citizens each fall and spring semester. It is the responsibility of all international students to remain enrolled in an adequate health insurance policy while studying at the University.

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

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

Applications are available at www.liberty.edu. 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.

READMISSION

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

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

1. Not enrolled at the University for a period of 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.

ARTICULATION AGREEMENT: LIBERTY UNIVERSITY AND 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.liberty.edu or www.liberty.edu.

ARTICULATION AGREEMENT: EDWARD VIA VIRGINIA COLLEGE OF OSTEOPATHIC MEDICINE

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

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

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

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


Additional information and University policies regarding the protection of student records are published online at http://www.liberty.edu/index.cfm?PID=17612.
Undergraduate Admissions – Online Program

Chris E. Johnson, B.S., M.B.A.
Senior Vice President for Enrollment Management

Tamela L. Crickenberger, B.S., M.S.
Executive Director of Enrollment, Liberty University Online

Steve Peterson, B.S., M.B.A.
Executive Director of Admissions, Liberty University Online

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

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

Liberty University Online Admissions Office:
Phone: 1-800-424-9595
Fax: 1-800-628-7977
Email: luoadmissions@liberty.edu
Website: http://www.luonline.com

Hours of Operation:
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.

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

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

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

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

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

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

Application for Admission

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

Application for Admission
1. Application Fee (non-refundable, non-transferable)
Application fee will be posted on current application for the Liberty University Online programs upon enrollment or the student’s first semester.

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

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

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

c. Liberty University 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
Probation status. All students accepted on Probation status should plan to limit enrollment to 12 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)
- Graduate of an NLN accredited nursing program leading to an associate degree or hospital diploma

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

HOMESCHOOL APPLICANTS
Homeschooled applicants must submit the above requirements plus:

a. Verification that they have completed a secondary school education. This requirement may be satisfied by a statement signed by the parent or guardian, a home-education diploma, or a graduation date posted on the home education records.

b. Verification that the home education was carried out in compliance with applicable commonwealth or state laws. The form of this documentation will vary depending on the state statutes governing home education. The documentation may be a letter from the local school board or public school superintendent, a letter from an umbrella organization, 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
Liberty University 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
Liberty University Online offers several developmental courses to students who need assistance with some of the basic skills required in order to be successful in college. Online students who fail to meet the minimum required GPA will be evaluated on other indicators of ability to perform satisfactorily at the college level.

All students accepted on 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 background 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.

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

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

TRANSFER STUDENTS
Transfer applicants must complete all of the forms that are listed for the initial application procedure. 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. Appeals may be granted, based on Liberty’s scholastic regulations.

TRANSFER OF CREDITS

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

Credit will be accepted for those courses that are equivalent to courses offered at Liberty in which applicants have made a grade of C or better. Transcripts are evaluated by the Liberty University Online Office of Transfer Evaluations under the guidelines established by the Liberty University Online Curriculum Committee. Credit for military training is awarded based on the recommendations provided by the American Council on Education, in A Guide to the Evaluation of Educational Experiences in the Armed Services (ACE Guide). This includes credit for general military training and occupational specialty. The work must also be applicable to the student’s program of study.

A list of policies and transferable courses is provided at http://www.luonline.com/transfercredit.

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 military and Department of Veterans Affairs, such as Tuition Assistance and GI Bill.

SOC Degree Network System

The SOC Degree Network System (DNS) consists of a subset of SOC Consortium member institutions selected by the military Services to deliver specific Associate and Bachelor's degree programs to 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.

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

MILITARY EVALUATIONS

The Liberty University Online Office of Transfer Evaluations will evaluate students’ prior military experience. Evaluations will be based solely upon the recommendations of the American Council on 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.

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

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.

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.

DUAL ENROLLMENT

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 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.

SPECIAL STATUS STUDENTS

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

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

BREAK IN ENROLLMENT

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

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

READMISSION

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

ACADEMIC AMNESTY

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

1. Not enrolled at the University for a period of five (5) years.
2. A student seeking readmission under academic amnesty must first appeal in writing to the Registrar’s Office. The request must be stated clearly and contain: (1) the reason for the request, and (2) efforts made to improve during absence from Liberty. Corroboration may be requested of the student, i.e. transcripts from other institutions, certificates, awards, etc.
3. The student’s appeal, supporting documentation and a recommendation from the Registrar’s Office will be presented to the Office of the Provost for a decision. If the appeal is approved, the student will be readmitted on the following provisions:
   a. Only the allowable number of grade repeats that were remaining at the time of Dismissal can be utilized.
   b. Previously earned grades of A, B, and C will remain on the student’s record and will calculate into his or her GPA. As determined by the CAAS, grades of D and F are revised to Q.
   c. Students who have been granted Academic Amnesty are not eligible for graduation honors.

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


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.luonline.com or www.liberty.edu.
**Academic Information and Policies – Resident Program**

**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.

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

**SEMESTER LOAD AND OVERLOAD**
The usual semester load for full-time undergraduate students is 14-17 hours per semester. Students must secure permission to take more than 18 hours in a semester. A student who has established a cumulative GPA of 3.00 or better may, with the approval of the Department Chair, take up to 20 hours; 21 hours requires the Dean's permission. Students who have not declared a major must request this permission from the Dean of the Center for Academic Support and Advising Services. The maximum load a student may carry is 21 hours per semester. This includes courses from all sources.

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>Semester Hours Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0–23.99</td>
</tr>
<tr>
<td>Sophomore</td>
<td>24.00—47.99</td>
</tr>
<tr>
<td>Junior</td>
<td>48.00—71.99</td>
</tr>
<tr>
<td>Senior</td>
<td>72.00—and above</td>
</tr>
</tbody>
</table>

**GRADES, QUALITY POINTS, AND GRADE POINT AVERAGE (GPA)**
All work is graded by letters, which are assigned quality points as indicated below:

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

To determine the grade point average, (GPA) the quality points earned are divided by the semester hours attempted (quality hours). Only courses taken at Liberty are used in computing the GPA. Only grades of A, B, C, D, F, and FN are used in the calculation of the GPA.

**DEAN’S LIST**
Undergraduate students who earn 12 or more hours in the fall or spring term with a GPA of 3.50 or above are placed on the Dean’s List. The Dean’s list is not awarded for the summer semester.

**ADVISORS**
Each student will be assigned a Professional Advisor based on their major upon arrival on campus. The advisors will guide students during their time at the University. 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.

**ASSESSMENTS**
Assessments in math and English are available for all new resident students, both first-time college students and college transfer students. In addition, required assessments for all new students are given in information technology and information literacy. These assessments assist in placing students in the proper course level in these disciplines. Further, follow-up assessments are administered to assist the University in determining the effectiveness of the instruction in these core areas. A fee is charged for each assessment.

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

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

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

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

Foreign students are encouraged and sometimes required to use foreign credential evaluation services such as World Education Services (www.wes.org) to have their transcripts validated and evaluated before sending them to Liberty University. A credential evaluation service must be a member of the National Association

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of Credential Evaluation Services (www.naces.org) before it can be accepted at Liberty University.

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

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

<table>
<thead>
<tr>
<th>AP Title</th>
<th>Required Score</th>
<th>LU Course(s)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3</td>
<td>HUMN 101</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>3</td>
<td>BIOL 101 &amp; 103</td>
<td>4</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>3</td>
<td>MATH 131</td>
<td>4</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>4</td>
<td>MATH 131</td>
<td>8</td>
</tr>
<tr>
<td>Calculus AB Sub-score</td>
<td>3</td>
<td>MATH 131</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>CHEM 121 &amp; 122</td>
<td>6</td>
</tr>
<tr>
<td>Comparative Politics</td>
<td>3</td>
<td>GOVT 330</td>
<td>3</td>
</tr>
<tr>
<td>Computer Science AB</td>
<td>3</td>
<td>CSCI 111 &amp; 112</td>
<td>6</td>
</tr>
<tr>
<td>Economics – Micro</td>
<td>3</td>
<td>ECNC 213</td>
<td>3</td>
</tr>
<tr>
<td>Economics – Macro</td>
<td>3</td>
<td>ECNC 214</td>
<td>3</td>
</tr>
<tr>
<td>English Language</td>
<td>3</td>
<td>ENGL 101</td>
<td>3</td>
</tr>
<tr>
<td>English Literature</td>
<td>3</td>
<td>ENGL 102</td>
<td>3</td>
</tr>
<tr>
<td>European History</td>
<td>3</td>
<td>HIEU 201 &amp; 202</td>
<td>6</td>
</tr>
<tr>
<td>French Language</td>
<td>3</td>
<td>FREN 101 &amp; 102</td>
<td>6</td>
</tr>
<tr>
<td>German Language</td>
<td>3</td>
<td>GRMN 101 &amp; 102</td>
<td>6</td>
</tr>
<tr>
<td>Government &amp; Politics: US</td>
<td>3</td>
<td>GOVT 220</td>
<td>3</td>
</tr>
<tr>
<td>Human Geography</td>
<td>3</td>
<td>GEOG 200</td>
<td>3</td>
</tr>
<tr>
<td>Physics B</td>
<td>3</td>
<td>PHYS 201</td>
<td>4</td>
</tr>
<tr>
<td>Physics C – Mechanics</td>
<td>3</td>
<td>PHYS 231</td>
<td>4</td>
</tr>
<tr>
<td>Physics C – Electricity</td>
<td>3</td>
<td>PHYS 232</td>
<td>4</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td>PSYC 101</td>
<td>3</td>
</tr>
<tr>
<td>Spanish Language</td>
<td>3</td>
<td>SPAN 101 &amp; 102</td>
<td>6</td>
</tr>
<tr>
<td>Statistics</td>
<td>3</td>
<td>MATH 201</td>
<td>3</td>
</tr>
<tr>
<td>Studio Art Drawing</td>
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<td>ARTS 210</td>
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</tr>
<tr>
<td>U.S. History</td>
<td>3</td>
<td>HIEU 221 &amp; 222</td>
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<tr>
<td>World History</td>
<td>3</td>
<td>HIEU 201 &amp; 202</td>
<td>6</td>
</tr>
</tbody>
</table>

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

COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)
The College-Level Examination Program (CLEP), sponsored by The College Board, offers a unique opportunity to gain college credit for knowledge that a student has acquired. The program includes several tests covering a variety of subjects. Students who meet or exceed the Liberty University minimum score will receive the corresponding credit. A registration fee of $50 will be charged for each CLEP test attempted. A $77 CLEP administration fee will be charged on the day of the test. Testing is computer-based and administered in the Bruckner Learning Center, Testing Services.

CLEP tests cannot be taken after classes begin, during the student’s final semester.

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Minimum Score</th>
<th>LU Course(s)</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>American Government</td>
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<tr>
<td>American Literature</td>
<td>50</td>
<td>ENGL 201/202</td>
<td>6</td>
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<tr>
<td>Analyzing and Interpreting Literature</td>
<td>50</td>
<td>ENGL 2XX</td>
<td>3</td>
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<tr>
<td>Business Law</td>
<td>50</td>
<td>BUSI 301</td>
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<td>Calculus Elem Functions</td>
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<td>MATH 131</td>
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<td>MATH 121</td>
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<td>ENGL 215/216</td>
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<td>Financial Accounting</td>
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<td>ACCT 211</td>
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<td>General Biology</td>
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<tr>
<td>General Chemistry</td>
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<td>CHEM 121/122</td>
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<td>French Language</td>
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<td>FREN 101/102</td>
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<td>German Language</td>
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<td>GRMN 101/102</td>
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<td>History of US II</td>
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<td>Human Growth &amp; Development</td>
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<td>Information Systems and Computer Applications</td>
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<td>Introduction to Sociology</td>
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<td>SOCI 200</td>
<td>3</td>
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<td>Macroeconomics</td>
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<td>ECON 214</td>
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<td>50</td>
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<td>Natural Sciences</td>
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<td>SOCI 200</td>
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<tr>
<td>Spanish Language</td>
<td>50</td>
<td>HIST 2XX</td>
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</tr>
<tr>
<td>World History</td>
<td>50</td>
<td>HIEU 201/202</td>
<td>3</td>
</tr>
</tbody>
</table>
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 $77 ICE administration fee will be charged on the day of the test. Such requests are subject to the following guidelines:

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

   - BIBL 105
   - CSCI 110*
   - ISYS 211*
   - BIBL 110
   - CSCI 111*
   - ISYS 212*
   - BIBL 323
   - CSCI 112*
   - MATH (all)
   - BIBL 364
   - EVAN 101
   - above 121)
   - BIBL 425
   - GREK 201
   - MUSC 105
   - BIOL 213
   - GREK 202
   - MUSC 106
   - BIOL 215
   - GREK 301
   - NURS 210
   - CHEM 107
   - GREK 302
   - PHYS (all)
   - CHHI 301
   - ISYS 110*
   - THEO 201
   - CHHI 302
   - ISYS 201
   - THEO 202

*Must be taken in prerequisite order

DANTES SUBJECT STANDARDIZED TESTS (DSST)

Undergraduate college credit may be earned through the DANTES Subject Standardized Tests (DSST) program. The DSST program is administered by Educational Testing Services (ETS) in conjunction with DANTES. Examinations are available to both military personnel and civilians. A minimum score of 50 is required for Liberty University Online programs. Computer-based tests in the DANTES DSST program are administered in the Bruckner Learning Center, Testing Services.

AVIATION TESTING

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

EXPERIENTIAL LEARNING CREDIT

Credit may be granted to students who demonstrate that they have already acquired, through life experiences such as job training, non-college courses, etc., course knowledge required for the degree program in which they are enrolled. Credit will be limited to a maximum of 30 hours.

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

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

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

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

MILITARY EVALUATIONS

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

COURSEWORK AT OTHER INSTITUTIONS

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

CREDIT FOR SEMINARS

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

DECLARATION OF UNDERGRADUATE MAJOR

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

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

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

CHANGE OF MAJOR

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 for each major must be earned at Liberty University.

**DEGREE COMPLETION PLANS**

Once a student has declared his or her major through CASAS, a Degree Completion Plan (DCP) may be retrieved from the registrar’s website at www.liberty.edu/registrar. The student is required to follow the DCP for the academic year in which the declaration becomes effective.

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

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

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

**DEGREE COMPLETION PLAN (DCP) AUDIT**

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

**IMPORTANT INFORMATION REGARDING INTERNSHIPS AND CLINICAL PLACEMENTS**

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

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

**MINORS**

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

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

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

**SPECIAL STUDENT REGISTRATION**

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

**CLASS ATTENDANCE POLICY**

For the good of the Liberty University student body, a consistent attendance policy is needed so that all students in all majors will understand the expectations of faculty in all their courses. In general, regular and punctual attendance in all classes is expected of all students. At times, students will miss classes. These absences will be identified as either excused or unexcused and will be handled per the policy below.

**Excused Absences**

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

**Unexcused Absences**

- Classes that meet:
  - Three times per week will permit three unexcused absences per semester.
  - Twice per week will permit two unexcused absences per semester.
  - Once per week will permit one unexcused absence per semester.
- Questions regarding unexcused absences must be resolved by the student with the professor within one week of the absence. Students may appeal these decisions to the respective dean within one week.
- Extraordinary circumstances regarding excessive absences will be addressed by the student with the faculty member, department chair, and dean as required.

Section revised 3/30/2012

Liberty University Undergraduate Catalog – 2011-2012
Academic Information and Policies – Resident Program

• Penalties for each unexcused absence over the permitted number per semester will be as follows:
  - 50 points for classes that meet 3 times per week
  - 75 points for classes that meet 2 times per week
  - 150 points for classes that meet once per week
• Students who are late for class 10 minutes or less are considered tardy but present for the class. If a student misses in-class work due to tardiness, the faculty member may choose not to allow the student to make up this work. Three class tardies will be counted as one unexcused absence.
• Students who are more than 10 minutes late for class are considered absent

Class Cancellation Policy
From time to time it may be necessary to cancel a class because of insufficient enrollment or other extenuating circumstances. The decision for such a cancellation is ultimately that of the Provost of the University. Every effort will be made to provide notice of the cancellation at least two weeks prior to the first scheduled meeting of the class. The Registrar’s Office will advise the student of the cancellation and any other options including the possible rescheduling of the class. The University does not assume responsibility for any delay in the anticipated graduation date of individual students that might result from such class cancellations.

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

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

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

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

Course Substitutions
1. A Course Substitution Form may be used when a student wishes to substitute course for a required Liberty course when there is a clear relationship between the two courses. In this instance, the signature of the chairperson presiding over the department in which the required course is housed will be needed.

2. This form may also be used when a chairperson approves a complete replacement for a Liberty course requirement within the major or minor for which he/she is responsible. In this instance, the signature of the chairperson of the student’s major or minor will be needed.

3. Course substitutions within the General Education core (associate and bachelor’s degree programs) must be approved by the Dean of the College of General Studies.

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

5. The approval of the substitution will apply toward the degree requirement(s), but does not change the course number on the student’s transcript. A lower-level course which may substitute for an upper-level requirement does not count in the total number of upper-level hours taken.

Dropping/Adding/Withdrawing from Courses
Changes are discouraged after a student and advisor have arranged the student’s schedule for the semester.

Resident students desiring to take an online course must enroll in the course during the prescribed Liberty University 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 around the 10th week of class (see academic calendar for exact date), a Fall/Spring course may be withdrawn with a grade of W. The student will be responsible for the tuition and fees for the course. All course withdrawals after the 5th day will be recorded as W. W grades are not used in calculating a GPA. Course withdrawals with grades of W are used in determining a student’s academic load for the semester, upon which tuition charges are based.

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

Exceptions to these deadlines may be granted by the Registrar in unusual circumstances, such as extreme illness or other circumstances beyond the student’s control.

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

Note:
• A student may not withdraw or drop CLST 100, 101, 102, 103 or 105 without permission of the Director of the Bruckner Learning Center.

Section revised 3/30/2012
A student may not withdraw from GNED 101 or GNED 102 without the permission of the Christian/Community Service Office.

WITHDRAWAL FROM LIBERTY

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

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

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

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

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

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

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

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

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

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.

2. 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.

3. A maximum of 16 semester hours may be repeated under this policy.

4. 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”.

5. ENGL 100, MATH 100 and 110, CLST 100/101/102/103/105, GNED 101 and 102, and pass/fail courses may have the repeat policy applied without counting toward the 16 hour maximum.

6. 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.

7. 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.

8. Use of the Course Repeat Policy for a prior semester will not affect the academic standing for that semester.

Scholastic Regulations

Warning/Probation/Suspension/Dismissal

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

<table>
<thead>
<tr>
<th>Level</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.50</td>
</tr>
<tr>
<td>2</td>
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<td>3</td>
<td>1.85</td>
</tr>
<tr>
<td>4</td>
<td>2.00</td>
</tr>
</tbody>
</table>

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

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

Academic Warning

Students failing to attain and maintain the minimum GPA required are placed on Academic Warning. During the next semester, undergraduate students are limited to a 13-semester-hour course load and are required to take CLST 101, 102, 103 or 105, and may not represent the University on any team without approval from the appropriate committee. A student may not drop or withdraw from the course without permission from the Director of the Bruckner Learning Center.
ACADEMIC INFORMATION AND POLICIES – RESIDENT PROGRAM

Academic Probation
At the end of the semester on Academic Warning, students who fail to raise the GPA to the required academic level (see above) are placed on Academic Probation. These students are required to sign an academic plan from CASAS with the δe grades necessary to remove Probation status. During the next semester of attendance, undergraduate students are limited to a 13-semester-hour course load, are required to take CLST 101, 102, 103 or 105, and may not represent the University on any team without approval from the appropriate committee. A student may not drop or withdraw from the course without permission from the Director of the Bruckner Learning Center.

Academic Suspension
At the end of the semester on Academic Probation, students who fail to raise the GPA to the required academic level (see above) are placed on Academic Suspension. Students who desire to return to Liberty in the future must appeal to the Registrar’s Office in writing. If approved to return, the Registrar/CASAS will determine a plan that will prepare students for a successful re-entry to Liberty. These students are required to sign an academic plan from CASAS indicating the grades necessary to remove the Academic Suspension status. During the next semester of attendance, undergraduate students are limited to a 13-semester-hour course load, are required to take CLST 101, 102, 103 or 105, and may not represent the University on any team without approval from the appropriate committee. A student may not drop or withdraw from the course without permission from the Director of the Bruckner Learning Center. Students should not expect automatic readmission after serving a period of Suspension.

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

ACADEMIC AMNESTY
Students academically suspended or dismissed 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 enrolled at Liberty University. Abiding by the principles and behaviors established in this Code of Honor makes possible the success of our students and the strengthening of the Liberty community.

II. ACADEMIC HONOR CODE
A. ACADEMIC MISCONDUCT
Academic misconduct includes, but is not limited to plagiarism, cheating and falsification.

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

Plagiarism in papers, projects or any assignment prepared for a class shall include the following:
- Omitting quotation marks or other conventional markings around material quoted from any printed source (including digital material)
- Directly quoting or paraphrasing a specific passage from a specific source without properly referencing the source
- Replicating another person’s work or parts thereof and then submitting it as an original
- Purchasing a paper (or parts of a paper) and representing it as one’s own work

Liberty University Undergraduate Catalog – 2011-2012

Section revised 3/30/2012
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 assignment
- Allowing another student to copy any portion of one’s work on an examination or an assignment
- Using unauthorized materials or giving or receiving any other unauthorized assistance on an examination or an assignment
- Taking an examination or completing an assignment for another, or permitting another to take an examination or to complete an assignment for the student.
- Reusing a paper from a previous course
- Paying another student to complete a course, an individual assignment or exam

3. Falsification
Falsification is a form of dishonesty in which a student misrepresents the truth, invents facts, or distorts the origin or content of information used as authority. Examples include, but are not limited to:
- Dishonestly answering or providing information in the application process
- Citing a source that is known not to exist
- Attributing to a source ideas and information that are not included in the source
- Falsely citing a source in support of a thought or idea when it is known not to support the thought or idea
- Citing a source in a bibliography when the source was neither cited in the body of the paper nor consulted
- Intentionally distorting the meaning or applicability of data
- Inventing data or statistical results to support conclusions.

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

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

The reporting procedure is as follows:
- The instructor will write a report outlining the violation.
- The report will be provided to the student and the Department Chair or Program Director along with the sanctions recommended.
- 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.
- 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.
- 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.
- If non-blatant academic misconduct (such as inadvertent plagiarism) occurs in a course, the professor will contact the student and conduct such further investigation as needed. If the professor determines that a sanction is called for, the professor may issue an oral reprimand, send written notification to the Department Chair or Program Director of the School in which the course resides, reduce a grade, adjust credit and/or require additional work.
- When a student receives a course grade of F for academic dishonesty, the professor may report the reason for the F to the Registrar and request that it be recorded as an F grade. This F grade will appear on the student’s transcript.
- The student, upon receipt of the results of the academic honesty review, will have five business days to appeal the decision to the professor and the Department Chair or Program Director.

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

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

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

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

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

### 3. Appeal Procedure

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

Examples of retaliation include, but are not limited to:
- Circumventing the appeal procedure and going directly to a university administrator such as the Dean, the Provost or the Chancellor
- Threatening a faculty member or student
- Harassment
- Verbal or physical abuse
- Verbal or written disrespect to a faculty or staff member (this includes e-mails)
- Offensive or crude language directed at individuals
- Falsely accusing someone of committing academic dishonesty.

A complete overview of the appeal process follows:

1. Within five business days of the notification of an alleged violation, the student may submit a written appeal to the Department Chair or Program Director. The Department Chair or Program Director will review the instructor's report and the student's written appeal, then notify the instructor and the student of his/her decision.

2. Both the student and any Liberty University personnel involved in or affected by the Academic Code of Honor violation will have the right to present their views to the Department Chair or Program Director before any decision is rendered.

3. If the student produces additional support for his/her appeal, the student will be given an opportunity to provide oral evidence in person and written evidence in opposition to the charge.

4. The Department Chair or Program Director will determine whether the student may continue in the class pending the outcome of the appeal.

5. Once informed by the Department Chair or Program Director of the decision, the student may further appeal to the Dean of the appropriate school for review.

6. Once informed by the Dean of the decision, the student may further appeal to the Faculty Senate Committee on Academic & Admissions Standards (CAAS) for further review.

7. In determining whether any violation has occurred, the Committee will apply a “clear and convincing” evidence standard. In some cases, Student Affairs or another University representative may join in the deliberations of the Committee as a non-voting member for the purpose of providing any background information that may be pertinent to the case.

8. If deemed appropriate by the Committee or if requested by the student, the student only may be present in person at the meeting of the Committee where the review will be made.

9. The student will not be permitted to be present after the Committee has received all evidence and begun its deliberation toward a decision.

10. The Committee will inform the Dean of its decision regarding the appeal. The decision of the CAAS in regard to the occurrence of academic dishonesty is final.

11. The student will be informed of the decision of the Committee by the Dean of the appropriate school in writing or by e-mail within ten academic days of the meeting.

12. Should no violation be found, the Committee's report indicating such will be forwarded to the Department Chair or Program Director and faculty member. A report of all findings (either in favor of or against the student) will be sent to the Student Affairs and Registrar’s office. The findings will be kept in the student’s official record.

13. In cases that do not require a grade of F for Academic Dishonesty, but may require a failed assignment, failure in the course or reduced grade, the professor reserves the right not to report the violation to Student Affairs’ or Registrar’s office.

### C. REINSTATEMENT

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

### INCOMPLETES

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

The instructor will establish a new deadline for the completion of the remaining coursework, based on the circumstances. The instructor may grant up to two weeks beyond the last day of the term (or sub-term for Liberty University Online courses) for non-medical circumstances and up to four weeks beyond the last day of the term (or sub-term for Liberty University Online courses) for personal medical circumstances.
For extreme personal medical circumstances, a maximum of eight weeks for Liberty University Online courses and 16 weeks for residential courses may be given as long as sufficient medical documentation (from a medical professional) is presented along with the request. However, while the decision to grant an extended incomplete remains with the instructor, the request and medical documentation needs to be submitted to the registrar’s office. The instructor will be responsible to communicate the remaining requirements, as well as the extended deadline, to the student.

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

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

**GRADING POLICIES AND PROCEDURES**

Liberty University Faculty members, both residential and online, must submit final grades for all students to the Registrar at the end of each term. Faculty teaching online courses should have grades submitted to the Registrar on or before the second Wednesday after the course ends. Faculty teaching residential courses should have grades submitted to the Registrar one week after the end of each semester. Liberty University Faculty members, both residential and online, are urged to promptly complete and submit final course grades. Confidentiality of student grades is maintained by the Registrar’s Office. A grade of “I” may not be changed by the registrar’s office. The implementation of this Act. Department of Education FERPA site: 


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

**Undergraduate Grading Scale**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Low</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>900</td>
<td>1,000</td>
</tr>
<tr>
<td>B</td>
<td>800</td>
<td>899</td>
</tr>
<tr>
<td>C</td>
<td>700</td>
<td>799</td>
</tr>
<tr>
<td>D</td>
<td>600</td>
<td>699</td>
</tr>
<tr>
<td>F</td>
<td>599 and Below</td>
<td></td>
</tr>
</tbody>
</table>

**RECORDING OF GRADES**

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

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

**GRADE APPEAL PROCESS**

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

1. The appeal of the grade must be initiated within 30 days from the beginning of the subsequent semester. The student must submit a written rationale to the instructor. The instructor must respond in writing within 10 days of the receipt of the written appeal.

2. If the student is not satisfied with the written response, the student must appeal in writing to the Department Chair within 10 days of the written response. The Department Chair must provide a written response within 10 days of the receipt of the written appeal.

3. If the student is not satisfied with the response of the Department Chair, the student must provide a written appeal within 10 days of the response to the Dean of the College/School. The Dean of the College/School must respond in writing within 10 days of the receipt of the written appeal.

4. If the student is not satisfied with the response of the Dean, the student must appeal in writing within 10 days to the Senate Committee on Academic and Admission Standards (CAAS). The CAAS will follow the prescribed procedure of the Committee for the appeal of a grade. The recommendation of the Committee will be forwarded in writing, along with all previous documentation, to the Provost/Senior VPAA. The decision of the Provost/Senior VPAA is considered final.

**ACADEMIC TRANSCRIPTS**

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

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


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

**GRADUATION HONORS**

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

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

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

- 3.60 – 3.76 cum laude
- 3.77 – 3.94 magna cum laude
- 3.95 and above summa cum laude
The specific honor calculated on or around April 1 of the student’s graduation year will be printed in the Commencement program, and the student will wear that particular honor cord. The final cumulative GPA will be determined after all grades have been recorded and that final cumulative GPA will determine the specific honor that will be printed on the diploma and transcript.

Associate degree students who have a 3.50 cumulative GPA will receive honors at Commencement.

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

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

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

GRADUATION REQUIREMENTS

All undergraduate residential students must meet these requirements for graduation.

1. Undergraduate students must have all courses in the General Education core and in the declared major and minor completed before being considered candidates for graduation.
2. The bachelor’s degree requires a minimum of 120 semester hours. 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. Every attempt will be made to keep students informed of curricular changes so that time is given for correcting any deficiencies prior to graduation.

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

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

GRADUATION APPROVAL

All candidates for graduation must be approved by the Faculty and the Board of Trustees. Conditions such as transfer credit and incomplete grades should be 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.
ACADEMIC INFORMATION AND POLICIES – ONLINE PROGRAM

Academic Information and Policies – Online Program

Larry Shackleton, B.A., M.S.
Vice President for Academic Information Management/Registrar

Associate Registrar for Online Undergraduate Programs

Terry Conner, B.S., M.A.
Associate Registrar for Online Academic Operations

SEMESTER CREDIT SYSTEM

The University operates on the semester system. The unit for counting credit is the semester hour. A semester hour of credit consists of the equivalent of one 50-minute period of class work for fifteen weeks, with an assumption of two hours of outside preparation or two 50-minute periods of laboratory work for each semester hour.

PART TIME VS. FULL TIME

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

SEMESTER LOAD AND OVERLOAD

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

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

The usual semester load for full-time undergraduate online students is 12 hours per semester. Students must secure permission to take more than 18 hours in a semester. A student who has established a cumulative GPA of 3.00 or better may, with the approval of the Associate Registrar and a cumulative GPA of 3.50, add courses for subsequent sub-terms. Most sub-terms are 8-weeks or 16-weeks in length, and may begin and end at different times within the semester.

The usual semester load for full-time undergraduate online students is 12 hours per semester. Students must secure permission to take more than 18 hours in a semester. A student who has established a cumulative GPA of 3.00 or better may, with the approval of the Associate Registrar and a cumulative GPA of 3.50, add courses for subsequent sub-terms. Most sub-terms are 8-weeks or 16-weeks in length, and may begin and end at different times within the semester.

STUDENT CLASSIFICATION

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>Semester Hours Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0—23.99</td>
</tr>
<tr>
<td>Sophomore</td>
<td>24.00—47.99</td>
</tr>
<tr>
<td>Junior</td>
<td>48.00—71.99</td>
</tr>
<tr>
<td>Senior</td>
<td>72.00—and above</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Meaning</th>
<th>Quality Points Per Semester Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>AU</td>
<td>Audit</td>
<td>0</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
</tbody>
</table>

To determine the grade point average (GPA) the quality points earned are divided by the semester hours attempted (quality hours). Only courses taken at Liberty are used in computing the GPA. Only grades of A, B, C, D, F and FN are used in the calculation of the GPA.

DEAN’S LIST

Undergraduate students who earn 12 or more hours with a term GPA of 3.50 or above are placed on the Dean’s List.

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 nationally accredited by accrediting agencies recognized by the U.S. Department of Education (e.g., SACS, TRACS, ABHE, etc.) will be evaluated for transfer of credit. Applicants must request that official transcripts be sent directly from the Registrar(s) of the previous school(s) to the Office of Admissions.

Credit will be accepted for those courses that are college level in which applicants have made a grade of C or better. Transcripts are evaluated under the guidelines established by the Senate Committee on Academic and Admissions Standards. Students may appeal their transfer evaluation with a course description and Transfer Inquiry Form.

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

INTERNATIONAL TRANSFER CREDIT

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

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

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

CREDIT BY EXAMINATION

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

**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.

<table>
<thead>
<tr>
<th>AP Title</th>
<th>Required Score</th>
<th>LU Course(s)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3</td>
<td>HUMN 101</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>3</td>
<td>BIOL 101 / 103</td>
<td>4</td>
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<tr>
<td>Calculus AB</td>
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<td>MATH 131</td>
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<tr>
<td>Calculus BC</td>
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<td>MATH 131</td>
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<td>MATH 131</td>
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<tr>
<td>Chemistry</td>
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<td>CHEM 121 / 122</td>
<td>8</td>
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<tr>
<td>Comparative Politics</td>
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<td>GOVT 330</td>
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<td>Computer Science AB</td>
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<td>European History</td>
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<td>French Language</td>
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<td>German Language</td>
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<td>GRMN 101 / 102</td>
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<td>GOVT 220</td>
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<td>GEOG 200</td>
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<td>PHYS 201</td>
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<td>Statistics</td>
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<td>MATH 201</td>
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<td>Studio Art Drawing</td>
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<td>ARTS 210</td>
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<tr>
<td>U.S. History</td>
<td>3</td>
<td>HIEU 221 / 222</td>
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<tr>
<td>World History</td>
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<td>HIEU 201 / 202</td>
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</tr>
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</table>

Information about these examinations may be obtained by writing to: The College Board; Advanced Placement Examination; P.O. Box 977; Princeton, New Jersey 08540.

**COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)**

The College-Level Examination Program (CLEP), sponsored by The College Board, offers a unique opportunity to gain college credit for knowledge that a student has acquired. CLEP’s are national general and subject exams. A list of courses that are accepted at Liberty University via CLEP is included below. Students are encouraged to check the minimum score requirement prior to taking the exam. Students may take the CLEP exam at a local testing center in their area. Students can find an approved testing center by checking [www.collegeboard.com/clep](http://www.collegeboard.com/clep). Upon completion of the CLEP exam, students should request the official scores to be sent directly to Liberty University for evaluation.

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Minimum Score</th>
<th>LU Course(s)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Government</td>
<td>50</td>
<td>GOVT 220</td>
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</tr>
<tr>
<td>American Literature</td>
<td>50</td>
<td>ENGL 201/202</td>
<td>6</td>
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<tr>
<td>Analyzing and Interpreting Literature</td>
<td>50</td>
<td>ENGL 2XX</td>
<td>3</td>
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<tr>
<td>Business Law</td>
<td>50</td>
<td>BUSI 301</td>
<td>3</td>
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<tr>
<td>Calculus Elem Functions</td>
<td>50</td>
<td>MATH 131</td>
<td>4</td>
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<tr>
<td>College Algebra</td>
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<td>College Math</td>
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<td>College Composition Modular</td>
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<tr>
<td>Educational Psychology</td>
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<td>PSYC 311</td>
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<td>ENGL 215/216</td>
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<td>Financial Accounting</td>
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<td>ACCT 211</td>
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<tr>
<td>General Biology</td>
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<td>General Chemistry</td>
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<td>French Language</td>
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<td>German Language</td>
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<tr>
<td>History of US I</td>
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<td>HIEU 221</td>
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<tr>
<td>History of US II</td>
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<td>HIEU 222</td>
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<tr>
<td>Human Growth &amp; Development</td>
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<td>PSYC 210</td>
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<tr>
<td>Humanities</td>
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<td>HUMN 101</td>
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<tr>
<td>Information Systems and Computer Applications</td>
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<td>INFT 1XX</td>
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<tr>
<td>Introduction to Psychology</td>
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<td>PSYC 101</td>
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<tr>
<td>Introduction to Sociology</td>
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<td>SOCI 200</td>
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<td>Macro-Economics</td>
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<td>ECON 214</td>
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<tr>
<td>Management</td>
<td>53</td>
<td>BUSI 310</td>
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<td>Marketing</td>
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<td>BUSI 330</td>
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<td>Micro-Economics</td>
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<td>Natural Sciences</td>
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<tr>
<td>Pre-Calculus</td>
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<td>MATH 128</td>
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<td>Social Sciences and History</td>
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<td>SOCI 200</td>
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<tr>
<td>Western Civilization I</td>
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<td>HIEU 201</td>
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<tr>
<td>Western Civilization II</td>
<td>50</td>
<td>HIEU 202</td>
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</table>
INSTITUTIONAL CHALLENGE EXAMINATIONS (ICE)
To apply for credit by examination, students must submit the ICE Request form to the ICE Coordinator. A registration fee of $50 will be charged for each ICE attempted. A $45 passing fee will only be applied if a student should pass the exam. Such requests are subject to the following guidelines:

1. Requests must be submitted through the ICE coordinator (luice@liberty.edu) using the ICE Request form located at http://www.liberty.edu/index.cfm?PID=13124
2. The minimum passing score for the undergraduate level courses is 70%.
3. A maximum of 30 hours of ICE credits will be accepted toward an undergraduate degree; the number of credits that may be applied toward each major may vary.
4. Students may not take the ICE if the course has previously been taken or is currently being taken.
5. ICE credits may not be applied toward residency hours.
6. Each exam will be available for 30 days after registering for it. After the deadline, it cannot be accessed.
7. Liberty University Online students may take the following ICE exams online:
   - BIBL 104 Survey of Biblical Literature
   - BIBL 105 Old Testament Survey
   - BIBL 110 New Testament Survey
   - BIBL 323 The Gospel of John
   - BIBL 424 Study of Acts
   - BIBL 425 Study of Romans
   - CHHI 301 History of the Christian Church
   - CHHI 302 History of the Christian Church II
   - CMIS 110 Computing Foundations and Ethics
   - CMIS 211 Application Programming
   - THEO 104 Intro to Christian Thought
   - THEO 201 Theology Survey I
   - THEO 202 Theology Survey II

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

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

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

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

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

Students may petition for credit via portfolio for courses in which they feel they can show sufficient proof of learning and knowledge. The Portfolio Guidelines are as follows:

- Seek tentative approval from the Liberty University Online Portfolio Coordinator at portfolio@liberty.edu.
- Enroll in GEED 205 – Learning Theory & Portfolio Development, which is required prior to portfolio submission, and successfully complete the course.
- Education students should enroll in EDUC 205, which has a portfolio option.
- Prepare a portfolio(s) using the guidelines established at www.luonline.com/portfolio.
- Submit a portfolio for each course that has been tentatively approved by the Portfolio Coordinator.
- Pay a $100 assessment fee per portfolio.
- The portfolio will be assessed by the Liberty University Online Faculty Assessor and Associate Dean within 4 weeks.
- Once the assessment is complete, the Portfolio Coordinator will send an email notice regarding approval.
- Portfolios may not be submitted for Communications courses or Internships.
- The hours awarded are counted as transfer hours and are not considered as hours earned at Liberty University.

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

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

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

CHANGE OF MAJOR
Liberty University Online students select their major when they apply. If a student decides to change their major, the online student must contact the Academic Advising Department and...
request to change his/her major via phone or Liberty University webmail account.

**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 in each major must be earned at Liberty University.

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

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

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

**DEGREE COMPLETION PLAN (DCP) AUDIT**

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

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

In addition to Liberty University’s general education requirements, distance education students may also be required to fulfill additional requirements set by their home states. Details by state will be added to the Degree Completion Plan. Specific Degree Completion Plans for each state whose requirements differ are available from Liberty University Online Advising.

**IMPORTANT INFORMATION REGARDING INTERNSHIPS AND CLINICAL PLACEMENTS**

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

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

**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, Liberty University Online students must apply as special students on the application.
4. Students who have been Academically Dismissed are not eligible to return to Liberty under the Special Students category.

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

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

The student has 8 weeks from the sub-term course activation date to complete the course. In some cases, courses are 16 weeks in length. For these courses, the student has 16 weeks from the sub-term course activation date to complete the course. Students are expected to submit tests and course work throughout the term. At the end of the first week of each sub-term, courses are reviewed to determine if the student is attending in the course. If the student has not submitted an academic assignment (such as the course requirements checklist, an examination, written paper or project, discussion board post, 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

Liberty University Online students may drop a course at any time prior to the sub-term begin date for a full refund. This is also possible during the first week of class until students have submitted an academic assignment (such as the course requirements checklist, an examination, written paper or project, discussion board post, or other academic event). Beginning on the first day of the sub-term through the last day of the sub-term, students that have begun attending a course by submitting and academic assignment 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

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 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.

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 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
During the next semester of attendance, students who fail to raise the GPA to a satisfactory 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 prior to being permitted to register for courses. If a student is a re-applicant to Liberty University Online, the student must agree in writing to abide by the terms of the contract prior to being approved for re-admission.

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

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

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

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

1. Not enrolled at the University for a period of five (5) years.
2. A student seeking readmission under academic amnesty must first appeal in writing to the Registrar’s Office. The request must be stated clearly and contain: (1) the reason for the request, and (2) efforts made to improve during absence from Liberty. Corroboration may be requested of the student, i.e. transcripts from other institutions, certificates, awards, etc.
3. The student’s appeal, supporting documentation and a recommendation from the Registrar’s Office will be presented to the Office of the Provost for a decision. If the appeal is approved, the student will be readmitted on the following provisions:
   a. Only the allowable number of grade repeats that were remaining at the time of Dismissal can be utilized.
   b. Previously earned grades of A, B, and C will remain on the student’s record and will calculate into his or her GPA. As determined by the CAAS, grades of D and F are revised to Q.
   c. Students who have been granted Academic Amnesty are not eligible for graduation honors.

LIBERTY UNIVERSITY CODE OF HONOR FOR ONLINE UNDERGRADUATE AND GRADUATE STUDENTS

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.

**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
dems 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
- Multiple submissions: Multiple submission is the
  use of work previously submitted at this or any
  other institution to fulfill academic requirements in
  another class. For example, using a paper from a
  prior class for a current course assignment is
  academic fraud. Slightly altered work that has been
  resubmitted is also considered to be fraudulent.
  With prior permission, some professors may allow
  students to complete one assignment for two
  classes. In this case prior permission from both
  instructors is absolutely necessary.

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, ADJUDICA-
TION, 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
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 and it 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 (blatant or non-blatant) in any subsequent course where a grade of F 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.
- The professor reserves the right to impose a lesser sanction and send a report to the student's file. These situations may require a failed assignment or reduced grade, but not a failure in the course.
**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.
- Any attempt to provide or support residential students with the opportunity to break the Residential Code of Honor (The Liberty Way).

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. Sexual Harassment

   Liberty University is committed to providing students and employees with an environment free of harassment in any form. Any act of harassment (i.e., physical, psychological, verbal or sexual) that threatens a person or persons is considered a serious offense and will not be tolerated or condoned. Any person or group who commits acts of harassment based upon race, ethnicity, gender or disability on or off campus will be subject to disciplinary action, which could result in dismissal from the University. Behavior that constitutes sexual harassment, which is a form of sexual discrimination prohibited by Title IX of the Education Amendments of 1972 and Title VII of the 1964 Civil Rights Act, includes but is not limited to unwanted sexual attention, requests for sexual favors and/or other verbal or physical contact of a sexual nature which negatively affects another person.

   **Reporting Procedure:**

   Any student who believes that he/she has been the subject of harassment in any form should report the incident immediately to the Online Student Affairs Office. The student will be given the opportunity to express his/her concerns and will then be appraised of the recourse available to him/her under school policy and local and state statutes.

   **Penalty:**

   Any student of Liberty University, who engages in the aforementioned behavior(s), is subject to disciplinary action, which may result in community service or possible dismissal. Since the University takes such charges seriously, where the results of an investigation reveal a complaint of harassment/sexual harassment to be frivolous or groundless, the individual having made such a complaint may be subject to the same disciplinary action.

3. 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.

4. 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 Liberty University 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 Liberty University 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 Liberty University 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, unless they are a perceived threat to the campus community or a disruption to the learning environment.

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, unless they are a perceived threat to the campus community or a disruption to the learning environment.

   - 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.

**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:**

   Student 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
Military Deployment

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

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

Military students must notify their Military Education Office of a course Incomplete if they are receiving Tuition Assistance. Incomplete requests and supporting documents may be faxed to (434) 455-1287 or scanned and emailed to luomilitary@liberty.edu, or mailed to: Liberty University; Liberty University Online; Office of Military Affairs; 1971 University Blvd.; Lynchburg, VA 24502.

INCOMPLETES

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

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

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

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

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

Military students attempting to withdraw from a course after the deadline established for the incomplete will negatively affect their posted grade. However, grades of “I” will count as hours attempted and not completed, and will negatively affect a student’s Satisfactory Academic Progress (SAP).

GRADING POLICIES AND PROCEDURES

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

Grading Scales:

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

<table>
<thead>
<tr>
<th>Undergraduate Grading Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>(100 point scale)</td>
</tr>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>D</td>
</tr>
<tr>
<td>F</td>
</tr>
</tbody>
</table>

RECORDING OF GRADES

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

Any extra credit assignments that are a part of the instructor’s syllabus must be completed prior to the final exam for the course. A student may not submit assignments for extra credit after the semester has ended and a final exam has been given.
FERPA – PRIVACY OF STUDENT RECORDS:
FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT


Additional information and University policies regarding the protection of student records are published online at http://www.liberty.edu/index.cfm?PID=17612.

GRADE APPEAL PROCESS

Liberty encourages students to have open and respectful communication with their professor to resolve any concerns regarding individual course assignment grades and/or the final grade for the course.

Criteria for appeal:
Only final posted grades may be appealed beyond the professor. Appeals are accepted only when the grade assigned conflicts with:
- The published grading rubrics for the course assignments
- Written communication (i.e., email, announcements, etc.)
- Calculation error on an assignment (resulting in a change to the final grade)

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

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

1. Within 30 calendar days of the end of the term, the student may submit a written appeal to the Online Chair, but should do so through Liberty University Online Advising. The student must include the information required above. The Online Chair will consult with the instructor and review the student's written appeal. The Online Chair will then notify Liberty University Online Advising, the instructor and the student of his/her decision.

2. If the student has additional support for their appeal, the student may submit a written appeal to the Online Associate Dean, through Liberty University Online Advising after receiving the decision by the Online Chair. This written appeal must be received by Liberty University Online Advising within five (5) business days of the Online Chair’s email. The Online Associate Dean will review the student's appeal, as well as any information provided by faculty member. When a decision has been reached, the Online Associate Dean will notify Liberty University Online Advising, the Online Chair, the faculty member, and the student.

3. If the student has additional support for their appeal, after receiving the decision by the Online Associate Dean, the student may submit a written appeal to the Online Academic Dean through Liberty University Online Advising. This written appeal must be received by Liberty University Online Advising within 5 business days of the Online Associate Dean’s email. The Associate Dean will review the student's appeal, as well as any information provided by faculty member. When a decision has been reached, the Online Academic Dean will notify Liberty University Online Advising, the Online Associate Dean, the Online Chair, the faculty member, and the student. The Online Academic Dean’s decision is final.

ACADEMIC TRANSCRIPTS

Official transcripts are made only at the written, signed request of the student concerned. No transcript will be issued for anyone who has failed to meet all financial obligations to the University. Official transcripts are not released directly to the student. Requests for transcripts are to be made directly to the Registrar’s Office. There is a $10.00 fee for one transcript. Additional transcript requests made at the same time are $1.00 each.

GRADUATION HONORS

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

<table>
<thead>
<tr>
<th>GPA Range</th>
<th>Honors Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.50 - 3.66</td>
<td>cum laude</td>
</tr>
<tr>
<td>3.67 - 3.84</td>
<td>magna cum laude</td>
</tr>
<tr>
<td>3.85 and above</td>
<td>summa cum laude</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>GPA Range</th>
<th>Honors Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.60 - 3.76</td>
<td>cum laude</td>
</tr>
<tr>
<td>3.77 - 3.94</td>
<td>magna cum laude</td>
</tr>
<tr>
<td>3.95 and above</td>
<td>summa cum laude</td>
</tr>
</tbody>
</table>

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 Liberty University Online, must meet the same academic requirements for graduation. Undergraduate students must have all courses in the General Education core and in the declared major and minor completed before being considered candidates for graduation.

1. The bachelor’s degree requires a minimum of 120 semester hours. Of these total hours, a specified number of upper-level (300-400) courses must be completed with the minimum number being 30 semester hours. Each program differs; therefore, the student must follow the degree requirements carefully. The Associate of Arts degree requires a minimum of 60 semester hours.

2. Each undergraduate degree program consists of designated General Education requirements, a major, and electives. Electives may be taken from the undergraduate courses offered in any department. A GPA of 2.00 or higher, unless otherwise specified in a particular major or minor, is required for graduation.

3. To satisfy the requirements for the major and minor fields of study, only grades of C or above in upper level courses may be included. This includes directed electives. Certain majors require a grade of C or above in all major courses.
4. Students who return to Liberty to complete a second major at the undergraduate level must take a minimum of 30 additional hours of coursework at Liberty to qualify for a second degree.

5. Thirty (30) semester hours of the bachelor’s coursework must be completed at Liberty. Fifty percent of the semester hours in the major and minor must be completed at Liberty, unless otherwise specified within the degree requirements. Fifteen (15) semester hours within the associate’s degree must be completed at Liberty, and with the exception of the A.A. in Interdisciplinary Studies, 50% of the hours in the major component of the A.A. degree must be completed at Liberty.

GRADUATION APPROVAL

All candidates for graduation must be approved by the Faculty and the Board of Trustees.

GRADUATION CEREMONY

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

TIME LIMITS FOR 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 enroll in at least one course during an academic year. The academic year begins with the start of the fall semester and ends with the conclusion of the summer term. Students who break enrollment must apply for readmission and will be subject to the requirements of the Catalog and degree requirements in effect at the time of their readmission.
Expenses and Financial Policy – Resident Program

Don Moon, B.S.
Chief Financial Officer
Vice President for Investment Management/Risk Manager

Resident Tuition and Fees 2011 – 2012

<table>
<thead>
<tr>
<th>TUITION</th>
<th>Per Hour</th>
<th>Per Semester</th>
<th>Per Year</th>
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<tbody>
<tr>
<td>Undergraduate (Full-Time) (12 – 18 semester hours)</td>
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<td>More than 18 semester hours</td>
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<tr>
<td>Part-Time (less than 12 semester hrs)</td>
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<td>English Language Institute (Summer)</td>
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HOUSING/ROOM & BOARD:

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<tr>
<th>Housing Fees:</th>
<th>Tier 1: Main Campus</th>
<th>Tier 2: Lynchburg Inn</th>
<th>Tier 3: Quad Living/Campus East B</th>
<th>Tier 4: Campus East</th>
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<tr>
<td></td>
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<td>3,340</td>
<td>3,685</td>
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<tr>
<td></td>
<td>6,680</td>
<td>6,680</td>
<td>7,370</td>
<td>8,050</td>
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ANNUAL FEES (Mandatory):

| Activity Fee/Student Center Fee | $283 | $566 |
| Technology Fee | $308 | $616 |
| Transportation Fee | $83 | $166 |

BASIC FEES:

| Application Fee | $40 |
| Readmission Application Fee | $40 |
| Audit Fee | $75 |

ESTIMATED COST:

| Books | $700 | $1,400 |

CONDITIONAL FEES:

| Vehicle Registration | $128 | $256 |

Assessment Fees:

| Computer Skills* | $45 |
| English | $10 |
| Math | $10 |
| Drop/Add Fee (per course) | $10 |
| Graduation Fee | $100 |
| Late Check-in Fee | $125 |
| Withdrawal Fee | $50 |
| Replacement ID Card (Flames Pass) | $25 |
| Replacement HigherOne Card | $15 |
| Check Cashing Fee (per check) | $1 |
| Returned Payment Fee (per transaction) | $35 |
| International Health Insurance | $910 |

Payment Plan Fees:

| Payment Plan Participation Fee | $45 |
| Payment Plan Change (per change) | $25 |

*Computer Skills Assessment Fee for Spring Semester will be $55

EXPERIENTIAL LEARNING:

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<thead>
<tr>
<th>Test</th>
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<td>$85</td>
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<td>CLEP</td>
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<td>DANTES (DSST)</td>
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<td>80</td>
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<tr>
<td>ICE</td>
<td>50</td>
<td>77</td>
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</tbody>
</table>

WASHINGTON SEMESTER PROGRAM:

| Career Direct Assessment Fee | $20 |
| Application Fee | $25 |
| Tuition | $7,212 |
| Housing and Metro | $3,850 |
| Technology Fee | $308 |
| Food (estimate) | $800 |

FINANCIAL CHECK-IN

All students are required to complete Financial Check-in through Liberty University’s online system. Official Financial Check-in 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.

Please visit the Student Accounts webpage for current information on procedures, payment options, and schedules at http://www.liberty.edu/studentaccounts.

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.

PAYMENT PLANS

The University offers Tuition Payment Plan (TPP) options to current students 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.

**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** - $215 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. Liberty University Online students’ books may be charged to the student’s account by means of the online book voucher system. Resident students can use Flames Pass Cash to purchase their textbooks.

**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. An information technology assessment is mandatory and there is a fee. 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 assessment 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 subject to this charge.

**RESIDENT STUDENTS AND ONLINE COURSES**

A resident student who takes Liberty University Online courses, whether a couple of Liberty University Online courses or all Liberty University 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 Liberty University Online courses. More information regarding online courses is available online at [https://www.liberty.edu/index.cfm?PID=17421](https://www.liberty.edu/index.cfm?PID=17421) (login required).

**REPLACEMENT ID CHARGE – FLAMES PASS**

Every student, living on or off campus, receives a Flames Pass, the official campus identification card. In the event the card is lost, the student may purchase a replacement at the cost of $25.
Additional information about the Flames Pass can be found online at http://www.liberty.edu/index.cfm?PID=20975.

FLAMES CASH
Flames Cash is the declining balance account on the Flames Pass. These funds are accepted at any participating merchant on and off campus. For more information on Flames Cash and where funds can be used, please visit http://www.liberty.edu/index.cfm?pid=21106.

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 by email to current and former students who have an outstanding balance on their account. Statements are sent to the student’s Liberty email address.

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 terms. They will also be ineligible to receive an official transcript or diploma until the account is paid in full. The student will be responsible for any collection fees incurred in collecting the account.

STUDENT ACCOUNTS APPEAL POLICY
A written appeal may be submitted to the department that assessed the charge. If the disputed charge cannot be reconciled with the assessing department, a written appeal can be submitted to the Liberty University Student Accounts Office within 30 business days of the billing/notification with all supporting documentation.

1. All pertinent information will be obtained and compiled by the Student Accounts Office.
2. The disputed charge will be reviewed by the Supervisor and/or the Associate Director of Student Accounts.
3. If necessary, an appeal may be reviewed by the Director of Student Accounts as it relates to prescribed University regulations and render a decision based upon those regulations.
4. In the event the student requests an additional review, the Vice President for Finance, or his/her designee, will render the final decision.

All appeals are to be submitted online at http://www.liberty.edu/index.cfm?PID=20659. All appeals will receive a response within 30 days after the written appeal has been received.

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

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 Liberty University Health Services 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%.

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, $215 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.

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
TITLE IV AND ALL OTHER LOAN REFUNDS:
(Federal Unsubsidized Loan, Federal Subsidized Loan, Federal Parent PLUS loan, Federal Pell Grant, FSEOG, Federal Smart Grant, etc)

These types of credits will be refunded according to student’s refund preference selected on his or her Higher One Card account. Students can select either One Account Deposit or ACH Transfer to another bank.

Credits from Parent PLUS will be refunded to the loan applicant in the form of a check unless written authorization is submitted to the Financial Aid Office stating that the refund may be sent to the student. Students need to indicate at Financial Check-in that they do not want credit balances held for future terms in order to receive a refund. Otherwise, credit balances will be held only until the end of the academic year.

Title IV refunds are processed within 14 days from the first day of classes or when loans are disbursed, whichever is later.

Credit/Debit Card Refunds
Credit balances from credit or debit cards will be refunded back to the same card where payment was processed within 1-7 days.

All Other Refunds
(Cash, Check, E-Check, ACH Installments)
Liberty University Online students will need to submit a refund request to luorefunds@liberty.edu. Credit balances will be refunded by check to the students ONLY or through the Higher One Card if requested.

HIGHER ONE CARD
The Higher One Card is issued to every Liberty University student and is the tool needed to select a refund preference to receive financial refunds. Higher One is the banking partner that disburses refunds for the university. Please see the Card Services website http://www.liberty.edu/cardservices for more information.

In the event the card is lost, the student may purchase a replacement at the cost of $15.

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.
## Expenses and Financial Policy – Online Program

### Online Tuition and Fees – 2011-2012

<table>
<thead>
<tr>
<th></th>
<th>One Time</th>
<th>Per Hour</th>
<th>Per Term</th>
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<tbody>
<tr>
<td><strong>TUITION:</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Full-time (12 or more semester hours)</td>
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<td>$3,648</td>
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<td>Part-time (11 semester hours or less)</td>
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<td>Willmington School of the Bible</td>
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<td><strong>MANDATORY FEES:</strong></td>
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<td>Technology Fee</td>
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<tr>
<td>Application Fee (non-refundable)</td>
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<td>On-Campus Intensive Technology Fee</td>
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<td>Enrollment Adjustment Fee</td>
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<td><strong>EXPERIENTIAL LEARNING:</strong></td>
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<td>Item</td>
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### 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

Liberty University 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.

Liberty University 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 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 (Higher 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 $15.

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.

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STUDENT ACCOUNT PAYMENTS
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Monthly statements are sent by email to current and former students who have an outstanding balance on their account.

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 terms. They will also be ineligible to receive an official transcript or diploma until the account is paid in full. The student will be responsible for any collection fees incurred in collecting the account.

STUDENT ACCOUNTS APPEAL POLICY
A written appeal may be submitted to the department that assessed the charge. If the disputed charge cannot be reconciled with the assessing department, a written appeal can be submitted to the Liberty University Student Account Office within 30 business days of the billing/notification along with all supporting documentation.

1. All pertinent information will be obtained and complied by the Student Account Office.
2. The disputed charge will be reviewed by the Supervisor and/or the Associate Director of Student Accounts.
3. If necessary, an appeal may be reviewed by the Director of Student Accounts as it relates to prescribed University regulations and render a decision based upon those regulations.
4. In the event the student requests an additional review, the Vice President for Finance, or his/her designee, will render the final decision.

All appeals are to be submitted online at www.liberty.edu/index.cfm?PID=20659. All appeals will receive a response within 30 days after the written appeal has been received.

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 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 Liberty University Online student who withdraws from Liberty University during a given term (including overlapping 16-week sub-terms) will be considered as totally withdrawn when that student is withdrawn from all courses in that sub-term.
- No tuition or fees will be credited after the sixth week of classes.
- 100% tuition and fees will be credited if the student withdraws within the first week of the class but before submission of the first assignment (first assignment includes the Course Checklist).
- 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.
- 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.
- 25% tuition and fees will be credited if the student withdraws after the fourth week of classes but before the seventh week of classes.
- No tuition or fees will be credited after the sixth week of classes.

PLEASE NOTE: Students who must withdraw due to military deployment are encouraged to speak with the Online Academic Advising Office regarding their options. Liberty University is committed to the success of every student and will work with each student to determine the best option to alleviate financial and academic challenges and get students back on track in their studies.

UNOFFICIAL WITHDRAWALS – ONLINE PROGRAM
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.

**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 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 TITLE IV AND ALL OTHER LOAN REFUNDS:**

(Federal Unsubsidized Loan, Federal Subsidized Loan, Federal Parent PLUS loan, Federal Pell Grant, FSEOG, Federal Smart Grant, etc)

These types of credits will be refunded according to student’s refund preference selected on his or her Higher One Card account. Students can select either One Account Deposit or ACH Transfer to another bank.

Credits from Parent PLUS will be refunded to the loan applicant in the form of a check unless written authorization is submitted to the Financial Aid Office stating that the refund may be sent to the student. Students need to indicate at Financial Check-in that they do not want credit balances held for future terms in order to receive a refund. Otherwise, credit balances will be held only until the end of the academic year.

Title IV refunds are processed within 14 days from the first day of classes or when loans are disbursed, whichever is later.

Credit/Debit Card Refunds

Credit balances from credit or debit cards will be refunded back to the same card where payment was processed within 1-7 days.

All Other Refunds

(Cash, Check, E-Check, ACH Installments)

Liberty University Online students will need to submit a refund request to luorefunds@liberty.edu. Credit balances will be refunded by check to the students ONLY or through the Higher One Card if requested.

**HIGHER ONE CARD**

The Higher One Card is issued to every Liberty University student and is the tool needed to select a refund preference to receive financial refunds. Higher One is the banking partner that disburses refunds for the University. Please see the Card Services website http://www.liberty.edu/cardservices for more information.

**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.
Financial Aid Information and Policies

Robert Ritz, B.S., M.S., Ph.D.
Vice President for Financial Aid

The Financial Aid Office coordinates and administers the financial aid programs for the University. The Financial Aid Office provides financial assistance to students who have a financial need and who would otherwise be unable to attend Liberty University. The student and the student’s family are primarily responsible for the cost of higher education. A student who needs financial assistance is expected to contribute by working or borrowing a reasonable portion of the funds needed for educational expenses. The student’s family, as applicable, is expected to make a maximum effort to assist in the payment of the expenses involved.

Financial aid is available to eligible students to help meet education-related expenses. The types of financial aid available include grants, loans, scholarships, and employment. Grants and scholarships are “gift aid” and need not be repaid. Loans must be repaid to the lender over an extended period, typically after the student leaves school. Employment offered as a type of financial aid is paid at a pre-determined rate for work actually performed.

All applicants for financial aid are required to:
1. Apply for admission to the University;
2. Be degree candidates. Student auditors, dually enrolled high school students and special non-degree students are not eligible for federal financial aid; and
3. Complete 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.

For new students entering in the Spring semester, the preferred date to file the FAFSA is by October 1.
4. Complete verification when required.

Once the completed FAFSA is received by the United States Department of Education, information provided by the student on the FAFSA is used to generate a Student Aid Report (SAR). The SAR indicates the amount of money the student and/or the student’s family is expected to contribute towards the student’s education. This is called the Expected Family Contribution (EFC), and is used to determine the student’s financial need.

The student’s financial need is the difference between the Cost of Attendance and the 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, 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 Green Hall or on the Internet web site at http://www.liberty.edu/financialaid.

Financial Aid
Satisfactory Academic Progress Policy (SAP)

The Financial Aid Office of Liberty University administers student financial aid programs from federal, state, and institutional sources. Institutional sources include scholarships, grants, discounts and Continuing Education and Dependent Grant-In-Aid benefits. The U.S. Department of Education requires schools to develop and implement policies by which academic progress is evaluated and monitored for all students, even those who did not receive financial aid in prior terms at Liberty University.

Please Note: In accordance with new regulations from the U.S. Department of Education (ED), any policy changes are being implemented on July 1, 2011 and will affect Fall 2011 enrollment and aid. During the initial transition period, students who end the Summer period on “warning” will therefore only have a single term, Fall 2011, to improve on any deficiencies. Students enrolled in Summer 2011 will be evaluated based on the 2010-2011 Financial Aid Satisfactory Academic Policy.

Students must meet Financial Aid Satisfactory Academic Progress (SAP) requirements to receive federal Title IV aid that includes Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Federal Work Study, Federal TEACH Grants, and Federal Direct Education Loans (Student, Parent PLUS and Graduate PLUS). Liberty University also applies the SAP requirements to monitor eligibility for all institutional aid. The Virginia Commonwealth programs are administered under the guidelines from the State Council of Higher Education for Virginia (SCHEV).

This policy describes the Financial Aid Satisfactory Academic Progress requirements and is in addition to and operates separately from the Academic Satisfactory Progress requirements for each academic program and department/division.

Evaluating Satisfactory Academic Progress:

The standards against which all students are measured include Qualitative, Quantitative, Maximum Time Frame, and “All Unearned Credits” standards. The academic record of all students is reviewed after the end of each term. The academic record review is cumulative and includes all courses taken at the student’s current academic level. After the evaluation, letters will be sent to all students who have insufficient academic progress and are being
FINANCIAL AID INFORMATION AND POLICIES

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
<table>
<thead>
<tr>
<th>Student Classification</th>
<th>Required Minimum Cumulative GPA for Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors Programs 0 - 23.99 hours earned (except B.S. in Nursing)</td>
<td>1.50</td>
</tr>
<tr>
<td>Bachelors Programs 24 - 47.99 hours earned (except B.S. in Nursing)</td>
<td>1.65</td>
</tr>
<tr>
<td>Bachelors Programs 48 - 71.99 hours earned (except B.S. in Nursing)</td>
<td>1.85</td>
</tr>
<tr>
<td>Bachelors Programs 72 plus hours earned, Diploma (Th.G.), Associates Degree</td>
<td>2.00</td>
</tr>
<tr>
<td>B.S. in Nursing</td>
<td>2.50</td>
</tr>
</tbody>
</table>

Additional academic progress criteria may exist for certain financial aid programs. For example, some private scholarships and Commonwealth of Virginia programs require a higher cumulative grade point average than those listed above. **Once a transfer student has grades for a payment period at Liberty University for coursework taken toward the eligible program, Liberty University will use the cumulative GPA calculated from those grades only.**

Quantitative Standard
In order to meet the quantitative standard students must complete 67% of attempted coursework at the current level. Withdrawals, incompletes, repeated courses, failure grades, and transfer hours will count as attempted coursework. Please note: completion rates are not rounded up to meet progress. If a student has a completion rate of 66.666%, they are not meeting the standard. If a student has a required completion rate of 70% and they have completed 60% of coursework, they do not meet the satisfactory academic progress requirement.

Maximum Time Frame
A student may not exceed a maximum number of attempted hours in any program even if aid was not received during that term or prior terms. Once the student reaches the maximum timeframe allowed the student will be ineligible to receive financial aid those courses are not meeting the minimum 67% federal requirement for financial aid satisfactory academic progress.

### Maximum Number of Attempted Hours
<table>
<thead>
<tr>
<th>Academic Program</th>
<th>Maximum Number of Attempted Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors Degree</td>
<td>180</td>
</tr>
<tr>
<td>Associates Degree</td>
<td>90</td>
</tr>
<tr>
<td>Willmington School of the Bible (Diploma – Th.G.)</td>
<td>150</td>
</tr>
</tbody>
</table>

All Unearned Credits
Students attempting at least half-time level credits who earn no credits for the term will be placed on Financial Aid suspension and will not be permitted to receive financial aid in their next term.

**Grades that do not count as earned toward completion of the academic program:** Because some grades are NOT counted as earned credits toward the completion of a degree program, they are not counted as successfully completed credits toward the minimum financial aid satisfactory academic progress standards.

**Examples include, but are not limited to:** AU, BU, CR, CU, F, FN, FW, I, IP, M, N, NP, U, W, WF, WP, WU, X, Z.

**Break in Enrollment**
When a student has a break in enrollment and is readmitted, the SAP status for prior terms will apply. For example, if a student is placed on financial aid suspension at the end of the Spring term, does not return in the Fall term, and is readmitted the next Spring term, the student will continue in a financial aid suspension status for that term.

**Federally Defined Leaves of Absence (FLOA)**
Liberty University does not grant federally defined Leaves of Absence for Financial Aid purposes. Instead of utilizing a federally defined Leave of Absence, the University assists students by:

- Making tutoring available
- Allowing students to work with faculty to finish incomplete coursework
- Allowing an official appeal of the Financial Aid Refund calculation based on unusual circumstances
- Allowing students to “stop-out” for one or more semesters
- Allowing students to drop courses with a “W” rather than an “F” during specific time-frames
- Allowing students to submit a Special Considerations Form (even during the period of enrollment) to
- Reconsider the calculation of need-based financial aid eligibility
- Allowing students to appeal a determination of insufficient satisfactory academic progress under the Financial Aid Satisfactory Academic Progress Policy requirements

The “Federally Defined Leave of Absence” policy listed above is for student financial aid purposes only and does not address University policy for employees (i.e. FMLA regulations).

**Terms/Parts-of-Term/Summer Sessions**
A traditional semester is referred to as a standard term (e.g. Fall, Spring, and Summer). Standard terms, as defined by Liberty University, are comprised of a combination of smaller “sub-terms” (e.g. sub-term B, sub-term C, etc.). Satisfactory Academic Progress requirements are calculated based on the combined sub-terms as defined by Liberty University. Intercession credits from classes occurring during approximately the final two weeks of December and/or the first two weeks of January will be added to the Spring Term. Any other intensive courses will fall within a standard term (and be attributed to only that specific standard term). Summer sub-terms, for the purpose of credit hour load and measurement of progress, are combined together into the Summer term. The Summer term is considered a “trailer” at Liberty University. This means that aid processed for the Summer term will be based on the FAFSA from the prior year.

**Delay or Changes with Future Aid**
Every institution offering federal aid must check for satisfactory academic progress (SAP) at the conclusion of each term. In some cases, the grades are submitted on dates close to or during the subsequent term. This will delay the SAP review process and may affect aid in subsequent terms for some students. Students who are affected will see their financial aid satisfactory academic progress as “Waiting” status in ASIST until grades are submitted and SAP is reviewed.
Withdrawals and Incompletes

Courses from which a student withdraws or receives a grade of incomplete will not be considered as satisfactorily completed. The courses, which will be considered courses attempted but not completed, may negatively affect eligibility for the next term. Additionally, they will factor into the measurement for the maximum time frame.

Repeated Courses

Repeated courses are considered in the maximum time frame requirement. The course/s will be considered as attempted each time the course is taken. Repeating the same course during the same term is not allowed as this would inflate the student’s enrollment level requiring the elimination of related financial aid. Additionally, a course that is repeated during the same term would cause an incorrect calculation of the completion rate (Quantitative Standard) listed above.

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

Transfer Courses

Transfer courses are not considered in determining eligibility under the qualitative measure but are considered in the quantitative and maximum time frame measurements. Transfer students are awarded as first-year students without regard to grade or warning status at the prior post-secondary institution. The Financial Aid SAP requirements would then be used to measure the transfer student’s continued status. Transfer credits must be evaluated and a grade-level established before any educational loans are processed.

Consortium Agreements

The number of credits earned under an approved consortium agreement is integrated into the student’s record upon completion of the course. Note: Courses must first be approved for transfer by the Liberty University Registrar’s Office. The Consortium Agreement is also subject to approval by both the home and host institution’s authorized financial aid staff. Failure to complete the course/s could negatively reflect in the SAP evaluation. Financial Aid staff from the home school will request information from the host school during the enrolled term to confirm continued enrollment and (at the end of the term) satisfactory academic progress. Failure to complete the course/s or completing a course/s in a manner that does not comply with University’s transfer standards will result in financial aid suspension and future requests for a consortium agreement will not be considered. If a SAP appeal is approved, unearned hours under the consortium agreement will not be calculated when future progress reviews occur.

Remedial/Developmental Course Work

Financial aid is not available for non-credit remedial courses. Remedial/Developmental courses carrying regular college credit are considered in determining the qualitative, quantitative and maximum time frame requirements for SAP. These courses are counted in enrollment for financial aid eligibility since they meet the following federally defined requirements:

1. They are not a prerequisite that would hinder admission into an eligible degree program at Liberty University.
2. They are less than one year in length.
3. They offer instruction above the 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 Institute, Graduate, Doctoral and Law; 1.5 is required for Undergraduate Special Students.

Change in Major / Additional Degrees

When a student changes their major or seeks an additional degree, the student may appeal to the Financial Aid Office to have courses attempted and earned that do not count toward the student’s new major or degree excluded from the Maximum Time Frame calculation of a student’s SAP standing.

Changed Grades

If a grade is changed, the student is required to notify the Financial Aid Office immediately. The Financial Aid Office will then initiate a review of the effect of the grade change on academic progress within 30 days of notification. A grade change late in or after the term in question, or failure to notify the Financial Aid Office may result in the loss of financial aid eligibility because regulations may limit the time within which aid may be re-awarded or disbursed.

The Liberty School of Law adheres to a schedule which allows for grades to be submitted after the end of the Term. Because of this, Liberty School of Law students evaluated after grade submissions may have their aid eligibility recalculated – and may need to adjust their payment arrangements through Financial Check-In later than non-law students.

Academic Amnesty Program

Federal regulations require that the student’s complete academic history be included in the evaluation of Financial Aid Satisfactory Academic Progress. Therefore, the Academic Amnesty Program at Liberty University cannot alter the academic history reviewed for Financial Aid Satisfactory Academic Progress.

Failure to Make Satisfactory Academic Progress

Students who fail to meet the qualitative and/or quantitative standards at the end of a term (based upon the student’s enrollment) will be placed on financial aid “warning” status and will remain eligible for financial aid while on a warning status. Students on financial aid probation status must meet the qualitative and quantitative requirements by the next term’s measurement of progress.

Students not meeting the requirements at the next term’s measurement of progress will be placed on financial aid suspension and considered ineligible for future financial aid until the deficiencies are resolved.
Re-establishing Eligibility

Students may re-establish eligibility for financial aid by taking appropriate action that brings the student into compliance with the standards. Readmission to Liberty University after Academic suspension or approval of an Academic suspension appeal does not automatically reinstate financial aid eligibility after a Financial Aid suspension. Reinstatement of aid eligibility is not retroactive and will only affect current or future enrollment periods.

Exemption of Certain Institutional Funds

Some specific institutionally funded sources of financial aid are excluded from the minimum requirements under the Financial Aid Satisfactory Academic Progress Policy. These funds are:

- The Liberty University Online Program Alumni Scholarship
- The Liberty University Online Military Tech Fee Waiver
- The Founder’s Memorial Scholarship Programs (including associated funds formerly known as “Jerry Falwell Ministries - JFM” or “Jerry Falwell Scholarship - JFS”).
- Discounts processed through Student Accounts (that are not listed as an aid fund) but as a resource.
- Liberty University employees who are not enrolled in a degree program –and- not receiving any other type of financial aid covered under this policy, are exempt from the 150% rule requirement.

Please Note: The Dependent Grant in Aid (DGIA) program does require the student to be enrolled in a degree program and therefore DGIA recipients are subject to the 150% rule and other requirements within this policy.

- The Liberty University VTAG Institutional Fund
- The WWMC Radio Scholarship Fund

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 from an objective third party professional (e.g. physician, counselor, lawyer, social worker, teacher, religious leader, death certificate, divorce decree, etc.). Family members of the student, friends, and Liberty University employees are not considered an acceptable third party. After the committee reviews the submitted appeal, the student will be notified of the decision in writing. All financial aid awards remain cancelled until the student follows these appeal procedures and receives a written notification of reinstatement. If a reinstatement is approved, the reinstatement will last from the date of the appeal approval until the next term measurement event.

Students on financial aid warning status are not required to submit a letter of appeal since their financial aid eligibility will continue during the warning status. In the cases of those students receiving financial aid in the form of subsidized employment, the student’s worksite supervisor(s) will be notified of the reinstatement. Students who submit an appeal to the Financial Aid Office very late in a term or after the term has ended may lose financial aid eligibility because regulations may limit the time within which aid may be re-awarded and/or disbursed.

During the period of an approved appeal, students must satisfactorily fulfill the requirements in the Financial Aid academic plan. This academic plan requires every student to have a cumulative completion rate of 75% and a GPA requirement reflecting a half point above for that regular program for the term of the approved appeal. This will ensure progress in making up the previous deficiency.

Student Should Monitor Progress

Students are responsible to review their grades (when midterm and end-of-term grades are available) and compare their progress to the standards set forth in the Financial Aid Satisfactory Academic Policy to ensure that they are aware of their standing. As they review their academic information, students are encouraged to proactively seek assistance. For example, students could pursue additional academic advising, arrange tutoring, or regularly discuss their academic work with their instructor/s. The student’s responsibility to monitor their own academic progress is important especially as the evaluation may immediately affect their financial aid eligibility for the next term. For example, failure to meet standards while on financial aid probation in the Spring term will immediately affect aid eligibility for the Summer term.

Please Note: Since a financial aid suspension that is caused from one term’s grades could immediately affect the next term’s aid, even after the student begins attendance of that term, all students are encouraged to monitor their own progress very closely.

Consumer Information Statements

Liberty University, as permitted by federal regulation, now uses electronic means to disseminate required student consumer and “Right-To-Know” Act information. Anyone signing or processing financial aid forms, seeking financial aid information or assistance, or seeking consumer information at Liberty University must read, understand, and comply with the requirements disclosed which are available 24 hours a day at www.liberty.edu/financialaid.

Examples of Important Consumer Information

- Campus Crime Reporting and Statistics including:
  - Emergency Notification Procedures
  - Fire Safety Reporting
  - Hate Crimes Reporting
  - Missing Student Reporting Procedures
- Completion and Persistence Rates Information
- Constitution and Citizenship Day Information
- Drug Abuse and Prevention Program Information
- Equity in Athletics Disclosure Act Information
- Peer-2-Peer File Sharing Policy
- “Red-Flag” Rule (Identity Theft) Information
- Returning Service Members Policy
- Textbook Price and Cost Calculator Information
- Voter Registration Information

Student Rights and Responsibilities

STUDENT RIGHTS

Every student has the right to know:

- The financial aid that is available (including information on all federal, state, and institutional financial aid programs);
- The deadlines for submitting applications for each of the financial aid programs;
- The cost of attendance, and the policies regarding refunds to students who drop out of school;
- The criteria used to select financial aid recipients;
- How financial need is determined (including the consideration of costs for tuition, room and board, fees,
books and supplies, transportation, and miscellaneous expenses);
• The resources (such as parental contribution, assets, other financial aid, etc.) that are considered in the calculation of need;
• Details regarding various programs in the financial aid award package. (the student may request reconsideration of the award which was offered should he/she believe he/she was treated unfairly);
• The portion of the financial aid received which must be repaid, and the portion which is grant aid;
• The interest rate, total amount to be repaid, when repayments must begin, and the length of time allowed to repay loan funds;
• Terms and conditions of any employment that is a part of the financial aid package;
• How the University distributes financial aid among students;
• How and when financial aid is disbursed;
• The University’s refund policy and order of financial aid refund distribution;
• How the school determines whether a student is making satisfactory progress, the consequences of not meeting those standards, and how to reestablish satisfactory academic progress;
• The academic programs offered by the University;
• The office designated for providing financial aid information and for administering financial aid programs or general institutional issues;
• University retention and completion rates;
• Information regarding accreditation and licensing organizations;
• Special facilities and services available to disabled students;
• About University facilities;
• About University faculty and other instructional personnel;
• About campus security from an annual campus security report also upon request from the University’s Police Department;
• Actions taken by the University for any violation (and to prevent violation) of the provision of the Drug-Free Workplace Act of 1988;
• Data for the general student body, and data related to the awarding of athletically related student aid;
• Equity in athletics;
• Program participation agreement (PPA) requirements; and
• Students’ rights and responsibilities as financial aid recipients.

STUDENT RESPONSIBILITIES
It is the student’s responsibility to:
• Complete all applications for student financial aid carefully and accurately, and to submit these applications to the appropriate agency or office prior to the deadline. Errors may delay or eliminate the receipt of financial aid. Intentional misreporting of information on the application for aid forms is a violation of law and considered a criminal offense subject to penalties under the U.S. Criminal code;
• Return and submit all additional documentation, verification, corrections, and/or information requested by the Financial Aid Office or other agency in a timely manner;
• Read, understand, and keep copies of all forms that are submitted;
• Accept responsibility for all agreements signed;
• Keep the Financial Aid Office and the lender informed of any changes in address, name, marital status, financial situation, or any change in enrollment or student status;
• Report to the Financial Aid Office any additional assistance from non-University sources such as scholarships, loans, fellowships, and educational benefits;
• Maintain satisfactory academic progress;
• Keep Liberty University email and ASIST messages for communication from the Financial Aid Office;
• Complete exit counseling upon graduation, withdrawing, or whenever a break in enrollment occurs and when dropping below half-time;
• Re-apply for financial aid each academic year; and
• Complete the online entrance counseling and Master Promissory Note when receiving a Federal Direct Loan for the first time at Liberty University.

If the student borrower disputes the terms of the loan in writing and the institution does not resolve the dispute, the student may contact the Student Loan Ombudsman’s Office. The United States Department of Education’s Ombudsman Office can propose solutions that may help you and other parties come to a final agreement. Before you call, make sure you have good records of people you have talked to and what they have said. Remember, too, that an ombudsman cannot reverse a decision or take sides.


Federal Title IV Student Aid Programs

ELIGIBILITY FOR FEDERAL AID
To receive federal aid, a student must:
• Be a United States Citizen or eligible non-citizen;
• Demonstrate financial need (except for certain loans);
• Have a high school diploma or a General Education Development (GED) certificate;
• Be enrolled or accepted for enrollment as a regular student working toward a degree or certificate in an eligible program;
• Certify that you are not in default on a federal student loan and do not owe money on a federal student grant;
• Have a valid Social Security Number;
• Register with the Selective Service if required. You can use the paper or electronic FAFSASM to register, you can register at www.sss.gov, or you can call 1-847-688-6888. (TTY users can call 1-847-688-2567);
• Maintain satisfactory academic progress once in school;
• Certify that you will use federal student aid only for educational purposes.

FEDERAL PELL GRANT
Federal Pell Grant awards range from $555 to $5,550 for 2011-12 and vary from year-to-year. These funds are “gift aid” and do not have to be repaid by the student. Award amounts are based on cost of attendance, enrollment status (full-time or part-time), and need analysis information provided on the Student Aid Report (SAR).
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

The Federal Supplemental Educational Opportunity Grant (FSEOG) is available for undergraduate students with an Expected Family Contribution of zero. In 2011-12, the maximum award amount is $1,000 per academic year for a full time student. This also varies from year to year.

FEDERAL TEACH GRANT SUMMARY

The Federal TEACH grant program is the first federal grant program that requires a service agreement and has the potential of converting to a loan. The Federal TEACH Grant makes up to $4,000/year available for full-time students on both the undergraduate and graduate levels. Amounts are prorated for lower enrollment levels. The maximum aggregate amount an undergraduate student can receive is $16,000. The maximum a graduate student can receive is $8,000. These funds can only be used for the student’s first bachelors or first graduate degree. This program is not available for students in doctoral programs.

Service Agreement

In exchange for receiving a Federal TEACH Grant, 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 United States 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 United States 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 United States citizen or eligible non-citizen.
- Be enrolled in an eligible program
- Be enrolled as an undergraduate, post-baccalaureate, or graduate student in a postsecondary educational institution that has chosen to participate in the Federal TEACH Grant Program.
- Be enrolled in coursework that is necessary to begin a career in teaching or plan to complete such coursework.
- Meet certain academic achievement requirements (generally, scoring above the 75th percentile on a college admissions test or maintaining a cumulative GPA of at least 3.25).
- Sign a Federal TEACH Grant Agreement to Serve
- High Needs Fields: Bilingual Education and English Language Acquisition, Foreign Language, Mathematics, Reading Specialist, Science, Special Education

Eligible Degree Programs at Liberty University

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

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>DISCIPLINE</th>
<th>PROGRAM CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.</td>
<td>Biology – General with Teacher Certification</td>
<td>BITC</td>
</tr>
<tr>
<td>B.S.</td>
<td>Biology – Environmental Science with Teacher Certification</td>
<td>BIET</td>
</tr>
<tr>
<td>B.A.</td>
<td>English with Teacher Certification</td>
<td>ENTC</td>
</tr>
<tr>
<td>B.S.</td>
<td>Kinesiology with Teacher Certification</td>
<td>KITC</td>
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<tr>
<td>B.S.</td>
<td>Elementary Education Integrated Studies</td>
<td>*</td>
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<tr>
<td>B.S.</td>
<td>Special Education Integrated Studies</td>
<td>ISSE</td>
</tr>
<tr>
<td>B.S.</td>
<td>Mathematics with Teacher Certification</td>
<td>MATC</td>
</tr>
<tr>
<td>B.A.</td>
<td>Spanish with Teacher Certification</td>
<td>SPAT</td>
</tr>
<tr>
<td>B.A.</td>
<td>Teaching English as a Second Language with Teacher Certification</td>
<td>ESLT</td>
</tr>
</tbody>
</table>

Grandeathered Undergraduate Program – Newly enrolled students are ineligible for TEACH in this program

B.S. | Social Sciences with Teacher Certification | SOST |

* All Elementary Education majors are eligible.

FEDERAL DIRECT STUDENT LOANS

Federal Direct Student Loans are low interest loans available to students who are enrolled at least half-time. Students demonstrating sufficient need (as reflected on their Student Aid Report, which is sent to the University by the United States Department of Education) may be eligible for subsidized funds, in which the government pays interest accrued while they are in school and during the grace period. Students who do not have sufficient demonstrated need may be eligible for unsubsidized funds, in which the student pays the interest. Students have the option of capitalizing the interest (adding it to the principle) while attending school. Repayment begins six (6) months after students graduate, withdraw, break enrollment, or drop below half-time status.

ANNUAL FEDERAL LOAN LIMITS EFFECTIVE JULY 1, 2008

<table>
<thead>
<tr>
<th>Student Type</th>
<th>Base Amount (maximum Subsidized portion)</th>
<th>Additional Unsubsidized Loan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dependent Freshman</td>
<td>3,500</td>
<td>2,000</td>
</tr>
<tr>
<td>Dependent Sophomore</td>
<td>4,500</td>
<td>2,000</td>
</tr>
<tr>
<td>Dependent Junior / Senior</td>
<td>5,500</td>
<td>2,000</td>
</tr>
<tr>
<td>Independent Freshman</td>
<td>3,500</td>
<td>6,000</td>
</tr>
<tr>
<td>Independent Sophomore</td>
<td>4,500</td>
<td>6,000</td>
</tr>
<tr>
<td>Independent Junior / Senior</td>
<td>5,500</td>
<td>7,000</td>
</tr>
<tr>
<td>Graduate Student</td>
<td>8,500</td>
<td>12,000</td>
</tr>
</tbody>
</table>

PARENT PLUS LOAN DENIAL

Dependent undergraduate students whose parents are denied eligibility for the Federal Parent PLUS Loan have higher additional Unsubsidized Loan amounts. Freshmen and sophomore students may borrow a maximum of $6,000 unsubsidized loan funds in addition to their “Base Loan” amount listed above. Junior and senior students may borrow a maximum of $7,000
unsubsidized loan funds in addition to their “Base Loan” amount listed above.

**AGGREGATE LOAN LIMITS**
**(EFFECTIVE JULY 1, 2008)**
- Undergraduate Dependent Students: $31,000 (no more than $23,000 of which can be subsidized)
- Undergraduate Independent Students: $57,500 (no more than $23,000 of which can be subsidized)
- Graduate Students: $138,500 (no more than $65,500 of which can be subsidized).

**FEDERAL DIRECT PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS)**
Federal Direct Parent Loans for Undergraduate Students (PLUS) are low interest loans available to parents of dependent undergraduate students who are enrolled at least half-time. Credit-worthy parents may borrow up to the full cost of attendance minus all other aid. The borrower is responsible for all interest accrued from the date of each disbursement. Repayment on the full loan amount begins approximately 60 days after the loan is disbursed. To apply for a PLUS loan, contact the Financial Aid Office for further details.

**FEDERAL WORK STUDY (FWS)**
The Federal Work Study program provides employment opportunities for students who have a demonstrated financial need based on the FAFSA. Students are paid on an hourly basis; pay will be at least the current federal minimum wage. The total amount of aid a student receives from both federal and non-federal sources cannot exceed financial need. The $4,000 Federal Work Study cannot be applied toward initial Financial Check-In. Federal Work Study is awarded to eligible students with remaining federally defined unmet need. Awards are made until projected program funds are depleted.

**Virginia Student Aid Programs**

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

Applications must be submitted to the Financial Aid Office before the published annual deadline in order to be considered for the maximum award amount. The maximum undergraduate amount is estimated at $2,650 per year. The graduate (M.S.N. degree) amount is estimated at $1,150 per year.

Full-time students enrolled in an approved program of study, who have been Virginia domiciliary residents for at least 12 consecutive months by the beginning of the fall term for the current academic year, may be eligible for an award. A student who is in Virginia solely to attend college is not considered to be a domiciled resident. Financial need must be demonstrated. Funding is limited and will be allocated by greatest need.

**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. Funding is limited and will be allocated by greatest need.

**VIRGINIA TWO-YEAR COLLEGE TRANSFER GRANT (CTG) AND CTG PLUS PROGRAMS**
Up to $1,000 can be awarded to students who received an Associate’s degree at a Virginia two-year public institution with a cumulative GPA of 3.00 on a 4.00 scale who are enrolled at a participating four-year institution. The undergraduate, first-time, in-state student must be enrolled in an eligible degree program and have federally defined financial need with a federal expected family contribution of $8,000 or less.

**REHABILITATIVE SERVICES**
State and federal education benefits may be available to assist eligible students with varying degrees of physical disability (paralysis, sight, hearing, etc.). Eligibility requirements differ from agency to agency. For more information, contact the appropriate agency or the Financial Aid Office.

**Department of Veterans Affairs (VA) Educational Assistance**
Students may receive benefits under one of the following programs:
- Selected Reserve Educational Assistance Program;
- Post-Vietnam Era Veterans’ Educational Assistance Program (VEAP);
- Active Duty Educational Assistance Program;
- GI Bill;
- Vocational Rehabilitation; and
- Dependent’s Educational Assistance (Chapter 35).

For further information, contact the nearest VA regional office or the Military Affairs Office at Liberty University.

**CERTIFICATION**
Certification to the VA will be submitted on a VA 22-1999 after the drop period for the sub-term in which the student is enrolled. All discounts and scholarships applied to the student’s account will be subtracted from the tuition and fees submitted to the VA. Any changes during the semester (hours and tuition) will be reported to the VA for adjustment.

**PAYMENT**
The VA will send payment directly to the student in lump sum or a monthly check. If payment has not been received within a reasonable amount of time after certification, it is the student’s responsibility to contact the VA directly to determine the cause. Questions concerning the amount of payment should also be directed to the VA. The VA may be contacted by phone at 888-442-4551 (888-GI BILL) or by email at buffrpo@vba.va.gov. The
APPLYING FOR VA BENEFITS

Students who have previously used their VA educational benefits should complete a VA 22-1995 (Request for Change of Program or Place of Training form) and submit it to Liberty’s Military Affairs Office. Students who have never used VA educational benefits should complete a VA 22-1990 (Application for Education Benefits form). Both forms may be obtained from any local VA office, printed from the VA website, or they can be mailed from the University upon request.

Reservists under Chapter 1606 (New GI Bill for Selected Reservists) should obtain an approved DD 2384 and submit it to Liberty with the VA 22-1990. The DD 2384 may be obtained from the unit commander or the unit education counselor. Active duty personnel may obtain these forms from the Education Services Officer on base.

A certificate of eligibility from the VA will be mailed to the student approximately 6–8 weeks after the application has been processed. The student should then forward copies of the certificates to Liberty’s Military Affairs Office. The VA will notify the student in writing if the student is not eligible for benefits.

Tuition Assistance Program Eligibility for Active Duty Military, National Guard, and Reservists

Active duty military and reservists interested in obtaining Tuition Assistance must check with their Education Services Officer to determine whether they are eligible. Students are encouraged to visit their Education Office at least 30 days prior to their anticipated enrollment date.

UP-FRONT TUITION ASSISTANCE (TA)

Students requesting Up-Front Tuition Assistance (TA) must request an application from their base Education Office. If the application is approved, the student must submit a copy of the authorized TA form (and all other forms required by the base) to the academic advisor for registration. Students are encouraged to keep copies of all forms for their records.

Students who are eligible for Tuition Assistance are required to pay the portion of their tuition and fees that are not covered by TA prior to registration. An invoice for the amount approved on the TA form will be sent to the student’s Education Office after the activation of the term. The Education Office should send payment directly to the University.

A grade report will be submitted to the base Education Office after the student completes the course(s). Students consent to the release of their grade(s) by signing the Tuition Assistance form.

Liberty University Scholarships

GENERAL SCHOLARSHIP REGULATIONS

All recipients of Liberty University institutional scholarships, institutional aid, or any type of federal aid must complete and file a Free Application for Federal Student Aid (FAFSA) with the United States Department of Education by March 1 for the next academic year and complete verification, if selected. Virginia residents must also apply for the Virginia Tuition Assistance Grant Program (VTAG) through the Financial Aid Office by March 1 for their first year of attendance. Annual application is not required. In addition, each Liberty University Scholarship recipient must accept all federal and state grants for which they are eligible as a condition of awarding the Liberty University scholarships. All scholarships are awarded for a period of one year, unless otherwise noted.

A scholarship recipient must complete and properly file all forms necessary in applying for a federal and/or state grant; and complete verification if selected.

Federal aid (Pell, SEOG, Federal Direct Stafford Loans or Plus Loans) and institutional scholarships cannot be counted toward Financial Check-In until the FAFSA is received by the University and verification is completed when required.

The General Scholarship Rule (GSR)

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

For recipients of institutional aid (and discounts) such as Continuing Education and Dependent Grant-In-Aid, and others including Resident FCA/LCA/Temple/TCS, who qualify for federal or state grants, the tuition scholarship will be reduced by these federal and state grant amounts.

Liberty University scholarships are not transferable. Any unused portion cannot transfer to the next semester or to another person. Liberty University scholarships will not cover any intensives or summer/winter internships.

Most admissions scholarships are awarded for, and are not to exceed, 8 semesters, as long as the student meets the Financial Aid Satisfactory Academic Progress (SAP) criteria and all the other rules according to the University Catalog and The Liberty Way.

Liberty University scholarships will be cancelled if the student is not enrolled in 12 undergraduate hours or more for each semester. Scholarships apply to the undergraduate program only.

A scholarship recipient must meet the academic standards of Liberty University as outlined in this catalog. Any scholarship may be revoked or reduced at any time for dismissal from the University because of failure to meet academic standards, failure to abide by the rules, regulations, and policies of the University, voluntary or administrative withdrawal, or misrepresentation of information on an application or other documents presented to the University.

For details regarding the scholarship guidelines, please check the Financial Aid website http://www.liberty.edu/financialaid.

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 will use as additional funding. Scholarships may be awarded from foundations, churches, retail businesses, etc. Outside scholarship awards combined with other financial aid cannot exceed the student’s unmet need.

The Financial Aid Office requires written confirmation from the scholarship donor. Notification of the outside scholarship award should be sent as early as possible in order for the student to include the scholarship during Financial Check-In.

Appeal and Complaint Policies

Policies and processes for residential and online students who wish to file a complaint or appeal their financial aid awards are published online at http://www.liberty.edu/financeadmin/financialaid/index.cfm?PID=19260.

FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS APPEAL PROCESS

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

After the Financial Aid SAP Appeals Committee reviews the submitted appeal, the student will be notified of the decision in writing. All financial aid awards remain cancelled until the student follows these appeal procedures and receives a written notification of reinstatement. If a reinstatement is approved, the reinstatement will last from the date of the appeal approval until the next annual measurement event (SAP evaluations are completed at the close of fall, spring, and summer terms). In cases where a student receives financial aid in the form of subsidized employment, the student’s worksite supervisor(s) will be notified of the reinstatement.

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

Students who submit an appeal to the Financial Aid Office very late in a term or after the term has ended may lose financial aid eligibility because regulations may limit the time when aid may be re-awarded and/or disbursed.

Appeals may be submitted to:
Financial Aid SAP Appeal Committee
Liberty University Financial Aid Office
1971 University Blvd.
Lynchburg, VA 24502
Fax: (434) 582-2053
Email: financialaid@liberty.edu

INSTITUTIONAL SCHOLARSHIP APPEAL PROCESS

A student may appeal the decision to cancel eligibility for a scholarship by sending a detailed, signed letter stating any mitigating circumstances to be considered. The Financial Aid Scholarship Appeals Committee reviews the submitted appeal and supporting documentation. Within 30 days, the students will be notified of the decision in writing.

Appeals may be submitted to:
Financial Aid Scholarship Appeals Committee
Liberty University Financial Aid Office
1971 University Blvd.
Lynchburg, VA 24502
Fax: (434) 582-2053

FINANCIAL AID GENERAL APPEAL FOR ASSISTANCE

The Resident and Liberty University Online Student Advocate Offices assist students who have gone through all the customary operating procedures but have not been able to resolve particular challenges related to financial aid. The primary function of these offices is to answer students’ questions and resolve problems.

For Liberty University Online students, appeals and General Complaint forms may be submitted to:
Online Advocate Office
Liberty University
1971 University Blvd.
Lynchburg, VA 24502
Fax: (800) 628-7977

For Resident students, appeals may be submitted to:
Resident Advocate Office
Liberty University
1971 University Blvd
Lynchburg, VA 24502
FINANCIAL AID INFORMATION AND POLICIES

434-582-7200
studentadvocate@liberty.edu
www.liberty.edu/SAO

VIRGINIA STATE GRANT APPEAL PROCESS
A formal appeal concerning the decision to deny approval for state grant eligibility may be filed by contacting the State Grants Coordinator in the Liberty University Financial Aid Office. If the appeal is denied, the State Grants Coordinator will notify the student within 30 days.

State Grant Appeals to the State Grants Coordinator may be submitted to:
State Grants Coordinator, Appeal
Liberty University Financial Aid Office
1971 University Blvd.
Lynchburg, VA 24502
Fax: (434) 582-2053

If the student disputes the decision made by the State Grants Coordinator, the student may appeal to the State Council of Higher Education (SCHEV). The student must submit a copy of the appeal and supporting documentation.
State Grant Appeals to the State Council of Higher Education (SCHEV) may be submitted to:
State Council of Higher Education for Virginia
Office of Student Financial Aid
2011-12 TAGP Appeals Committee
James Monroe Building
101 N 14th St.
Richmond, VA 23219

The state office will then request any additional information that is needed. The office will also contact the school and request any documentation the school may have received and an explanation of the denial. They will ask for the school to fax the following:
1. Copy of the VTAG application
2. Date student's application was received
3. Date the student started school
4. Date the student moved to Virginia
5. Dates of enrollment and number of attempted hours for each semester
6. Copy of denial letter
7. Any other documentation that pertains to decision

The student may also submit a second appeal if they are denied by the first SCHEV Council at the state level. The student may also ask student for copy of:
1. Letter explaining case for approval
2. Driver’s license, car registration, voter registration
3. Letter from employer, missionary agency, social workers, school officials, etc.
4. Copy of Virginia resident income taxes for parents, spouse, or student
5. Copy of federal taxes
6. Legal guardian documents
7. Ward of court documents
8. Custody documents
9. Copy of DD-214, LES, or Home of Record
10. Any other supporting documentation

FEDERAL STUDENT LOAN APPEAL PROCESS
Students who dispute how a federal student loan was processed or a decision regarding eligibility may contact the Federal Student Aid (FSA) Ombudsman. The FSA Ombudsman resolves disputes from a neutral, independent viewpoint. The Federal Student Aid (FSA) Ombudsman will informally conduct impartial fact-finding about student complaints. The Ombudsman will recommend solutions, but does not have the authority to reverse decisions. The Ombudsman will also work to bring about changes that will help prevent future problems for other student loan borrowers. This free service is provided by the United States Department of Education.

The Ombudsman will research the problem and determine whether the student has been treated fairly. If the student loan complaint is justified, the Ombudsman will work with the student and the office, agency, or company involved in the problem. On the student’s behalf, the Ombudsman will contact other offices within the United States Department of Education, his or her private lender, his or her loan guaranty agency, and the servicing agency or firm collecting the loan.

If the student’s complaint is not justified, the Ombudsman will take the time to explain how the United States Department of Education reached this conclusion. The Ombudsman may be contacted as follows:

U.S. Department of Education
FSA Ombudsman
830 First St., NE, Fourth Floor
Washington, DC 20202-5144
Phone: (877) 557-2575
Fax: (202) 275-0549

APPEAL PROCESS TO THE OFFICE OF THE INSPECTOR GENERAL
Anyone suspecting fraud, waste or abuse involving United States Department of Education funds or programs should contact the Inspector General's Hotline by:
1. Emailing oig.hotline@ed.gov
2. Calling the OIG Hotline - (800) MIS-USED. The Hotline's operating hours are Monday, Wednesday and Friday 9-11 a.m., ET; Tuesday and Thursday, 1-3 p.m., ET - closed holidays.
3. Completing and submit a Complaint Form

To ensure complete anonymity, download a hardcopy of the special Complaint Form at http://www.ed.gov/about/offices/list/oig/oighotline.doc, complete, and mail to:
Inspector General's Hotline
Office of Inspector General
U.S. Department of Education
400 Maryland Ave., SW
Washington, DC 20202-1500

Your report may be made anonymously or in confidence. To report suspected fraud, waste or abuse involving other Inspector General agencies, click this link for a directory: http://www.ignet.gov/igs/homepage1.html

ATHLETIC SCHOLARSHIP APPEAL
If a student-athlete wishes to appeal a scholarship decision and remain enrolled at Liberty, he or she has the right to a hearing by a body outside of athletics in accordance with NCAA Bylaw 15.3.2.4. Upon written notification of the intent to remove the scholarship, the student-athlete must request a hearing in writing to the Athletics Financial Aid Liaison within 14 calendar days of receiving the notification.

Liberty University
Financial Aid Office
Athletics Financial Aid Liaison – Appeal
1971 University Blvd.
Lynchburg, VA 24502

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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 Administrative Information 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.

CONTINUING EDUCATION (CE) APPEAL

Employees who are not eligible to receive a portion of their CE benefits (due to simultaneous coursework crossing the enrollment beginning or ending dates of a sub-term or due to the desire to take additional coursework that exceeds the 18 credit hour maximum per academic year requirement) may appeal the denial of their eligibility. The employee must submit an explanation of mitigating circumstances and additional pertinent documentation. Additionally, to appeal the denial of CE benefits due to simultaneous enrollment, the employee must submit the CE Application Form with an explanation of mitigating circumstances and additional pertinent documentation to:

Liberty University
Office of Human Resources
1971 University Blvd.
Lynchburg, VA 24502

STATE CONSUMER COMPLAINT CONTACT INFORMATION

In accordance with requirements issued by the U.S. Department of Education, Liberty University is “providing its students or prospective students with contact information for filing complaints with its accreditor and with its state approval or licensing entity and any other relevant State official or agency that would appropriately handle a student’s complaint.” This information is now part of the standard Consumer Information and annual disclosure procedure of Liberty University. It is subject to revision. [34 CFR 668.43(a)(12)(iv)(b), p.66,954, vol. 75, no. 209, 10/29/10 ]

As required by regulations, the full URL is available here: http://www.liberty.edu/media/1260/State%20Complaint%20Sites-Updated%20070611.pdf
Student Affairs

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

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:

- Responding to the needs of students as they grow, spiritually, academically, and socially
- Presenting leadership opportunities and offering leadership training
- Maintaining an atmosphere which provides fertile ground for spiritual growth
- Offering co-curricular programming which encourages students’ academic growth
- Promoting and celebrating the rich cultural differences found at the University
- Assisting students in responsible decision-making

CODE OF CONDUCT

The administration and faculty have committed Liberty to the highest standards of moral and ethical conduct. No one will become spiritual merely by observing rules; nonetheless, the spiritual student will desire to abide by the rules, regulations, and policies. Liberty holds as one of its foremost goals the development of men and women of strong Christian character. Firm moral conviction and dependable self-discipline are as important as academic competence.

The specific rules, regulations, and policies that govern student behavior are found in The Liberty Way, which is available online at http://www.liberty.edu/libertyway (login required). The Academic Code of Honor is published in the Academic Information and Policies section of this Catalog.

OFFICE LOCATIONS

Departments in the Student Affairs Division are located in Green Hall:

<table>
<thead>
<tr>
<th>Office</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vice President for Student Affairs</td>
<td>GH 1661</td>
</tr>
<tr>
<td>Dean of Students</td>
<td>GH 1830</td>
</tr>
<tr>
<td>Campus Pastors Office</td>
<td>GH 1875</td>
</tr>
<tr>
<td>Office of Student Care</td>
<td>GH 1878</td>
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<tr>
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Office of the Dean of Students
Keith Anderson, B.S., M.A.R., M.R.E.
Dean of Students

The Office of the Dean of Students is designed to provide holistic student development opportunities for the resident and commuter population. For additional information, visit the Office of the Dean of Students webpage at http://www.liberty.edu/studentaffairs/deanofstudents.

Campus Pastors Office

The Campus Pastors Office functions as an integral aspect of student life on Liberty’s campus. The staff is appointed based on the specific needs of the student body, seeking to encourage spiritual growth on Liberty’s dynamic campus. For additional information, visit the Campus Pastors Office webpage at http://www.liberty.edu/index.cfm?PID=13451.

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.

Student Care and Conduct

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. Additional information is available online at http://www.liberty.edu/studentcare.

The Office of Student Conduct facilitates Christian community, personal development, and individual responsibility by upholding University policies and addressing incidents of student misconduct in a caring, just, and restorative manner. Additional information is available online at http://www.liberty.edu/studentconduct.

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 on the Office of Commuter Affairs website at http://www.liberty.edu/apartmentfinder. Rental fees generally range from $500 to $800 per month.
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 and not allowed to live on campus. Rooms are assigned on a first-come, first-served basis. Detailed information is available online at http://www.liberty.edu/studentaffairs/studenthousing.

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 additional information, visit the Center4ME webpage at http://www.liberty.edu/center4me.

Parent and Family Connections
Theresa Dunbar
Director of Parent and Family Connections

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

Additional information on events and services is provided online at http://www.liberty.edu/index.cfm?PID=8034.

Student Government Association

The purpose of the Student Government Association (SGA) is to involve the students in the administrative process, to promote well-being and a sense of responsibility among students, to hear student concerns, and to convey an understanding of the students’ needs to the administration.

Membership in the Student Government Association shall be open to all resident and commuter students attending Liberty University who are not on any form of probation or suspension and who have professed their faith in Jesus Christ.

For additional information, visit the SGA webpage at http://www.liberty.edu/sga.

Student Clubs and Organizations

Student clubs or organizations must request and receive permission from the Liberty University administration before they may meet on campus, advertise, distribute or post materials, or use any University facilities for their activities or events. All such clubs or organizations and their activities or events must be consistent with the University’s mission, and must be and remain in compliance with the Liberty Way, the Honor Code, and any policies or procedures promulgated by the University. The University reserves the right to refuse the use of its facilities for any reason to any student club, organization, activity or event.

Information and policies regarding student clubs as well as a list of approved clubs and organizations is available online at http://www.liberty.edu/index.cfm?PID=2911.

Office of Student Leadership
Todd R. Campo, B.S., M.A., M.A., Ph.D.
Vice President for Student Leadership

Michael K. Miller, B.S.
Associate Director for Spiritual Life Directors
Discipleship Pastor

Chris M. Deitsch, B.A.
Associate Director for Prayer Leaders
Discipleship Pastor

Daniel J. Lamonte, B.S., M.B.A.
Associate Director for Resident Directors and Resident Assistants

Elisha L. Dudley, B.S., M.S.M.
Associate Director for Female Leadership

PURPOSE

The purpose of the Office of Student Leadership is to train student leaders to minister, mentor and mobilize students in the residence halls. It collaborates with Student Affairs in the development of a holistic student life experience.

Resident Director

Resident Directors (RD) oversee a group of residence halls including oversight of the student leadership teams on each floor as well as the resident hall facilities. Additionally, they are responsible to enforce the standards of The Liberty Way while promoting the overall well-being of the students residing in the halls.

Resident Assistant

A Resident Assistant (RA) provides pastoral leadership to students in the resident hall in the form of discipline, discipleship and overall oversight.

Spiritual Life Director

Spiritual Life Directors (SLD) facilitates 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.

ADDITIONAL INFORMATION

More information on the resources and services provided by the Office of Student Leadership is available at http://www.liberty.edu/studentlife/index.cfm?PID=13203.
Spiritual Programs

Rev. Johnnie Moore, Jr., B.S., M.A.R.
Vice President for Executive Projects and Spiritual Programs

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.

Center for Global Engagement
Director, Center for Global Engagement
Chair, Department of Intercultural Studies
Professor of Intercultural Studies

The Center for Global Engagement places a strong emphasis on practical experience in local ministries and cross cultural opportunities for mission apprenticeships, especially in the areas of leadership and discipleship training, church development from tribal to urban settings, and the use of the latest technology for training and evangelism.

The Center for Global Engagement, located in Green Hall 2500, offers dozens of short term mission trips for high school and college students, hosts Missions Emphasis Week each semester. Contact by phone at 434-592-4127, email missions@liberty.edu or visit the website at http://www.luglobal.com for more information.

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 Engagement. 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 Liberty University 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, Liberty University Abroad

Liberty University 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 students’ 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.
Lee Beaumont, B.S., M.S.
Director of Auxiliary Services

The Department of Campus Recreation provides a variety of options for resident and online students to interact socially through state of the art indoor and outdoor recreation facilities as well as programs and services that provide entertainment and physical fitness.

Campus Recreation helps to connect students to all that Liberty University has to offer beyond the classroom. By offering dozens of sporting options through the Intramural Sports and Club Sports departments, Campus Recreation gives every student an opportunity to participate in a competitive sport. In order to assist in the social atmosphere on campus, the Student Activities department plans weekly entertainment events. Several different fitness facilities are available for student use to stay physically fit, or they can relax with friends at one of the different lounge areas on campus. With all of these options, Campus Recreation offers something for everyone.

Student Activities
Chris Misiano, B.S., M.A.R., M.R.E.
Director of 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.

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

Recreation Facilities

The Student Centers provide multiple opportunities for meeting the recreational, fitness, and wellness needs of the University family in a Christ-centered atmosphere. The Student Centers are comprised of the LaHaye Student Union (which includes the LaHaye Recreation and Fitness Center, Tilley Student Center, and Thomas Indoor Soccer Center) as well as the Campus East Clubhouse. More information is available online at http://www.liberty.edu/studentcenters or by calling 434-592-3221.

LAHAYE RECREATION AND FITNESS CENTER

The LaHaye Recreation and Fitness Center offers students a variety of co-curricular environments that provide vital social outlets for the development of a well-rounded collegiate experience. This includes five basketball courts, a fitness center, aquatic center, aerobics, and more. In the Fitness Center students can work out with the assistance of a personal trainer, take fitness classes, use the work out equipment or climb the rock wall.

The Aquatic Center has a 25 yard, six-lane pool with a maximum depth of 12 feet for lap swimming and recreational use. The aquatic facility includes two spas, and a one meter diving board. Aquatic equipment such as training fins, training paddles, flexible kickboards, jogger weight belts, hand bar exercisers, pull buoys, and water polo equipment is accessible for use.

TILLEY STUDENT CENTER

The Tilley Student Center is a student recreational and lounge facility designed specifically for students. The facility features a coffee bar, game tables, couches, chairs and six flat screen televisions. There is also a billiard hall within the facility featuring pool tables and ping pong tables as well as three flat screen television gaming stations. The Tilley Center is a swipe only facility making it available only to Liberty University students and anyone who pays a membership to the LaHaye Student Union.

THOMAS INDOOR SOCCER FIELDS

A part of the LaHaye Student Union, the Thomas Indoor Soccer Center is comprised of two turf fields partially surrounded by transparent walls and netting. The facility also features a spectator section, multiple televisions and wireless capability.

CAMPUS EAST CLUBHOUSE

The Club House is a recreational center that offers billiards, a theatre, computer lounge, video gaming room, 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 that spans approximately 5,000 acres. The mountain rises to over 1,360 feet and offers something for all difficulty levels, from a leisurely stroll to the Liberty University Monogram, to cross country and gravity-fed trails for both hiking and mountain biking. A trail map and additional information is available online at http://www.liberty.edu/campusrec/studentunion/index.cfm?PID=17523.

LIBERTY MOUNTAIN SNOWFLEX® CENTRE
Drew Sherwood, B.S.
General Manager

Liberty Mountain Snowflex® Centre, located off Candler’s Mountain Road, consists of two main distinct ski runs. This includes a beginner slope, intermediate slope, advanced slope, terrain park, a 260-foot tubing run, and gravity park for air awareness training. The 550-foot terrain run has three jumps with a quarter pipe at the bottom, and a 550-foot ski slope with multiple rail features for all levels.

The ski lodge is an 8,000 square foot facility at the base of the ski runs. This building houses the ticket office, ski school, event scheduling, and rental area on the first floor with a seating and concession area on the second floor with a full view of the ski slope, amazing view of the campus and the Blue Ridge Mountains. The Snowflex Centre is a great venue for birthday parties, business meetings, classes, and events. It hosts multiple ski and snowboard summer camps along with fun activities all summer long. The
Liberty Mountain Snowflex Centre is open all year round for Liberty University students and public access.

**IVY LAKE**

Ivy Lake, located about 25 minutes from Liberty’s campus in Forest, VA, spans 112 acres with a 6,000 square foot beach. It is available for a variety of activities for Liberty University students, faculty and staff. This is a great spot for fishing, canoeing, or just having a picnic with friends. Before going to Ivy Lake, students must complete a permission form and drop it off at the front desk of the LaHaye Student Union. Ivy Lake is the home of the Liberty Crew team.

**THE SPORTS RACQUET**

The Sports Racquet facility houses five indoor tennis courts, five hardwood racquetball courts, and a small fitness area. It is also the home of the Liberty University Racquetball Team. During non-member hours, students can enjoy playing indoor tennis, racquetball and wallyball. Private lessons are also available. This facility is located approximately seven miles from campus at 118 Davis Cup Drive in Lynchburg.

**PAINTBALL FIELDS**

Liberty University’s Paintball Team now has a place on campus to prepare for competitions. The paintball complex consists of two fields with a retractable netting system made with a protective mesh. Students may watch the team behind the safety of the netting during practices. These fields are open for intramurals, special events, and recruitment events.

**DISC GOLF COURSE**

The Disc Golf Course is located on East Campus just past the intramural football fields. Disc golf is similar to traditional golf in that players tee off and attempt to reach a particular hole in the fewest number of strokes. Unlike normal golf, however, players throw discs, and the “holes” are actually elevated baskets made of metal. The 18-hole course includes tee pads for beginners and experts alike. Usage will vary from intramural sports leagues, to open recreational play among students.

**MOTOCROSS/ATV TRACK AND TRAIL SYSTEM**

Nestled in Liberty University’s Jack Mountain property, the mile-long wooded arena features numerous doubles, table tops, loops and off-camber turns. Encompassing the track is a trail system giving riders even more room to roam. New trails maintain the land’s natural elements while offering ATV riders of all skill levels a place to enhance their technique.

To complement the ATV trail system, the University has purchased several ATV’s for student use free of charge. To use the University-owned ATV’s, students must enroll and pass an ATV safety course. A safety range has been constructed to ensure that the maximum number of students can pass the class and enjoy the ATV Trail System.

**3-D ARCHERY RANGE**

Located on Liberty Mountain, is a 3-D Archery Range nestled in 10 acres for the Liberty Archery Club. The range consists of 20 life-like animal targets as well as several practice bag targets. In order to qualify as a potential state qualifier site, the range is setup to comply with Archery Shooters Association (ASA) standards. The Archery Club has access to shoot and hold tournaments on the 3-D Archery Range.

**Hunting on Liberty Mountain**

Students have the opportunity to bow hunt on Liberty’s Jack Mountain property through membership in the Liberty Archery Club. In order to qualify, students must provide proof that they have completed a Hunter’s Safety Course and also pass a hunting proficiency test which is provided by the Archery Club. Students who meet these requirements will be permitted to bow hunt fall and spring seasons on Liberty’s Jack Mountain.

**Club Sports**

**Director of Club Sports**

We are very excited to provide a variety of club sports for Liberty University students. These clubs provide opportunities for students to compete against other colleges and universities with the same interests.

**Men’s Club Sports**

- Archery
- Crew
- Gymnastics
- Ice Hockey
- Paintball

**Women’s Club Sports**

- Crew
- Equestrian
- Gymnastics
- 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.liberty.edu/campusrec/clubsports/.

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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 20 NCAA Division I athletics programs, giving student-athletes the opportunity to compete at the highest level of intercollegiate athletics. The Flames have been a NCAA Division I program since 1988 and a dominant member of the Big South Conference since 1991, winning seven Big South Sasser Cups and more than 100 conference titles since joining the league.

The men’s and women’s programs offer scholarship aid according to NCAA Division I standards. All interested students are encouraged to contact the head coach of the athletics program of interest. For more information, visit the official Flames website at http://www.LibertyFlames.com.

MEN
Baseball  Soccer
Basketball  Tennis
Cross Country  Track and Field
Football  (Indoor and Outdoor)
Golf

WOMEN
Basketball  Swimming
Cross Country  Tennis
Field Hockey  Track and Field
Lacrosse  (Indoor and Outdoor)
Soccer  Volleyball
Softball

ACADEMIC AFFAIRS FOR ATHLETICS
The primary mission of Academic Affairs for Athletics at Liberty University is to provide continuous academic, athletic, social, and spiritual development for each student athlete. Utilizing the expertise of our staff in collaboration with institutional programs at Liberty University, our student-athletes receive professional advising, career and academic skill development, tutoring, and mentoring services. Our program assists student-athletes in finding and maintaining a balance between the demands of athletics and academics while preparing them as socially responsible individuals for life after athletics.

CHEERLEADING
Jenny Sydnor
Head Coach

Mission and Philosophy
The mission of the Liberty University Cheerleading team is first and foremost to glorify the Lord Jesus in everything we do. We strive to maintain a positive image and be ambassadors for the University by upholding the values and expectations of the cheerleading program and the University. While on the Liberty University Cheerleading team, athletes are encouraged and guided spiritually, academically, socially, emotionally and physically. It is the goal of the program to help minister to the athletes and to help coach them not only in cheerleading, but in life, helping to shape them into confident and capable adults. Further, the purpose of the Liberty University Cheerleading team is to provide positive support for athletics teams, participate in various Liberty and community events, and participate in fundraising activities as appropriate to support the program.

Program Structure and Basic Information
Liberty University’s cheerleading program is composed of two coed squads, the Red Squad and the White Squad. The Red Squad will consist of 16 to 20 members and will cheer at all home football games and most of the Men’s basketball games. The Red Squad will also compete at UCA College Nationals. The White Squad will consist of 16 to 20 members and will cheer at all home football games and most of the women’s basketball games. There may or may not be alternates for each squad. The Red Squad and most of the White Squad is chosen at the spring tryout. There will be a fall tryout to fill any additional places for the White Squad.

Cheerleaders practice on average 3 times per week for 2-3 hours each and have required weight room workouts 2 times per week. In addition to practices there are various community and University events the cheerleaders take part in.

For more information on the program or the application process, tryout procedures and scholarship aid, please visit us online at http://www.LibertyFlames.com.

STUDENT FLAMES CLUB
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 Student Flames Club exists to promote school spirit, enhance the gameday atmosphere at Liberty athletics events, and to give the student body an avenue to identify with the University’s athletics programs. The SFC also provides participating members priority premium tailgating for home games and ticketing for away games and postseason events. Membership benefits include an authentic red Nike SFC T-shirt, discounts at the Liberty University Bookstore and Liberty Dining locations on campus, exclusive game-day tailgating privileges, priority on tickets for away games, and post-season tournament and playoff tickets. For more information, visit the Flames Club office on the Second floor of the Williams Stadium Tower, call 434-592-4693, email at SFC@liberty.edu, or visit the official Flames website at http://www.LibertyFlames.com.
**University Services**

**Liberty University Police Department**

Col. Richard D. Hinkley, B.S.

*Chief of Police*

Liberty University Police Department (LUPD), located in the southwest corner of the Green Hall, provides 24/7 patrol protection by police, security, security and medical service personnel to the campus, parking lots, residence halls and other properties owned or controlled by the University. Liberty University Police Officers are duly sworn with full law enforcement powers and responsibilities, 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).

**CAMPUS CRIME REPORT**

Liberty University abides by the Student Right-to-Know, the Campus Security Act of 1990 and the Higher Education Act Reauthorization of 2008. The University makes information concerning campus crime statistics available to the campus community online at http://www.liberty.edu/lupd. This information is also available to prospective Liberty University employees and students upon request.

**AUTOMOBILE REGISTRATION**

Any vehicle owned or operated on campus must have a current Liberty University Parking Decal properly displayed on that vehicle. Liberty University Parking Decals are only issued by the Liberty University Police Department.

The following documents are required to register a vehicle:

1. Valid Vehicle Registration, issued by a Department of Motor Vehicles.
2. Valid Driver’s License of person registering the vehicle.
3. Complete a form online, print it, and bring it with you to the LUPD office. The link to the form is on the LUPD home page

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/lupd.

**Liberty University Transit Services**

Liberty University operates a comprehensive transportation system that is designed to make the campus and the surrounding community accessible to students, faculty, and staff, while reducing the dependency on single occupancy vehicles. This is accomplished through an efficient intra campus transit system, free access to the Lynchburg city bus system, a complete carpool program with guaranteed ride home services, park and ride and satellite parking programs, airport/train and bus station services during major campus breaks, as well as partnerships with apartment complexes to bring improved transportation service options to commuters. Much of the services are enhanced through a partnership with the Greater Lynchburg Transit Company (GLTC). In 2009, this partnership resulted in GLTC being awarded the Outstanding Transit System Achievement Award from the American Public Transportation Association (APTA) for all transit agencies carrying between 1–4 million passengers a year.

For more details regarding Liberty University Transit Services see http://www.liberty.edu/transit.

**Flames Pass (Campus ID)**

The Flames Pass is the official Liberty University ID card. It provides access to meal plans, Flames Cash, events and activities campus wide. The Flames Pass is valid as long as a student is actively enrolled and financially checked-in. Students can pick up their Flames Pass from Card Services in Green Hall with a valid government issued photo ID or driver’s license.
For more information, contact the Card Services Office at 434-582-7771 or access the web page at http://www.liberty.edu/cardservices.

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

The Student Service Center 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 am. For more information call 434-592-5100; additional resources and information is available online at http://www.liberty.edu/studentservicecenter.

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 Green Hall, 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
The C. Daniel Kim International Student Center (ISC) opened its doors in the spring of 2004 to meet the needs of the growing body of international students at Liberty University. Since that time, the ISC staff has sponsored more than 20 year-round events to celebrate international students and their cultures.

The International Student Center is the primary location for information and activities for current international students. Foreign Student Advisors, the International Student Advocate, the International Student Program Coordinator and international student health insurance office are all housed in the International Student Center. Additional information for international students is provided at http://www.liberty.edu/index.cfm?PID=6452.

University Bookstore
Ms. Ellen Mayes, B.S., M.S.
Manager
Located at the entrance to Main Campus, the Liberty University Campus Bookstore is a two-story, 20,000 square foot, free standing brick facility that features a Barnes and Noble Café serving Starbucks® coffee and outdoor patio area. In addition to textbooks, the bookstore also sells leisure books, University apparel and more. For more information on the products and services available including hours of operation, access the webpage at http://liberty.bncollege.com.

Information Technology Services
Matthew Zeeland, B.S.
Chief Information Officer
IT HELPDESK
The IT HelpDesk assists students with computer problems by phone, remote assistance, or walk-in service. HelpDesk hours and other resources such as the Liberty University Knowledge Base (Ask L.U.K.E.) are published online at www.liberty.edu/helpdesk. The HelpDesk is located at Green Hall room 1539; to contact by phone call 866-447-2869 or 434-592-7800.

ON-CAMPUS WIRELESS INTERNET
Information Technology has implemented a 95% campus-wide wireless network. This network allows students to access the internet and other network resources while in range of one of our many wireless access points.

ONLINE LEARNING PLATFORM
Liberty provides students with an online learning platform called Blackboard®. Blackboard serves a variety of purposes, allowing professors to make announcements, post assignments, and interact with students. Students will use Blackboard to submit coursework, complete online tests, and interact with their classmates.

ADMINISTRATIVE SOFTWARE APPLICATION
Liberty uses a web application called Banner to house all Liberty user account information. Banner is accessible to all Liberty staff, faculty, alumni, and students and is used to manage accounts information such as financial aid, accounts receivable, finance, and etc. Students access Banner (ASIST) from the main Liberty website and use ASIST to register for courses, complete financial aid, view academic records, review applications, and update personal information.

IT TESTING AND TRAINING
IT Testing and Training provides IT-related training to faculty and staff. Testing services are also offered to the University, students, and the general public for certification fields of expertise including Cisco, Apple, and Oracle. For more information, visit www.liberty.edu/training or to contact by phone call 434-592-7820 or 434-592-4600.

IT MARKETPLACE
The IT Marketplace is a one stop shop for recommended computers, software, and computer peripherals at discounted prices. The IT Marketplace place can be visited at www.liberty.edu/ITMarketplace.

MOBILE APPLICATIONS
LUIT provides all Liberty users with two Liberty specific applications for mobile devices.

- **Bb Mobile Learn** is a free application that allows students and faculty to connect to their Blackboard courses. Currently Available for: Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.
- **MyLibertyU** is a free suite of applications that includes on-demand access to Liberty news, athletic news, scores and schedules, access to your courses through Blackboard Learn, a campus map with an interactive locator, access to Liberty images, videos, the course catalogue, and easy access to important phone numbers. Currently Available for: Palm, Android, Blackberry, iPad, iPhone, and iPod touch devices.

Additional information, including how to download Liberty mobile applications, can be found at www.liberty.edu/gomobile.
IPTV

IPTV allows students to watch 19 television channels anywhere on campus on their personal computer through Liberty’s wireless internet connection. IPTV can be accessed at IPTV.liberty.edu.

MYLU PORTAL

The MyLU portal is a customizable website that allows students to access a wide variety of Liberty information. It features widgets (small software programs) that display a specific piece of information such as Blackboard, Flames Cash, Liberty news, class schedule, Liberty announcements, financial aid information, and more. The portal can be located at MyLU.liberty.edu

NETWORK PRINTING

Multiple network print stations are provided for students at Main Campus and Green Hall. A printer account is provided to every student and print costs are charged to their student account.

ONLINE WEB PRESENCE

Liberty provides an official webpage that can be used to access all Liberty information and major services such as Webmail, Banner (ASIST), Blackboard, Official Announcements, University Calendar, and Financial Aid. Liberty’s official webpage can be viewed at https://www.liberty.edu

Office of Disability Academic Support (ODAS)

Mr. Denny McHaney, B.S., M.Ed.
Director, Office of Disability Academic Support
Associate Professor of Education

Under the umbrella of the Center for Academic Support and Advising Services (CASAS), the Office of Disability Academic Support was created to coordinate academic support services for Liberty University students who have documented disabilities.

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination on the basis of disability against students in institutions of higher education. Section 504 mandates “reasonable” accommodations to provide equal program access to all students with disabilities. Faculty must provide accommodations that meet the special needs of each student with a disability. 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:

- 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

HUNDS OF LIBERTY DEAF DEPARTMENT

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 Green Hall near the LaHaye Student Union.

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.

Liberty University Dining Services

Liberty University Dining Services are offered at several locations throughout the campus. Reber-Thomas Dining Hall, the main campus dining facility, offers four dining sessions during the fall and spring semesters: breakfast, lunch, dinner, and late night.

Students residing on campus may select from a variety of meal plans and meal plan points which are added to the Flames Pass. Commuter students purchase meal plans and points on a semester basis.

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

Liberty University Postal Services

The Liberty University Post Office is located in Green Hall and maintains hours of operation from 8:30 am to 5:00 pm during the fall and spring semesters.

Each on campus resident student is assigned a Liberty University box number based on the location of their dorm to the nearest mail receptacle. Students can locate their Liberty University 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 Liberty University email address when the package has arrived.

For more information related to Liberty University Postal Services, please see http://www.liberty.edu/postalservices.
University Services – Online Program

Online Advising
Carissa Kregenow, B.S.
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.

New students will need to contact a New Enrollment Specialist (NES), who will guide students in course selection for the first semester and assist in all other preparations until the first day of class. On the first day of the first sub-term I which students are enrolled, all questions concerning academic issues should be directed to the Academic Advising Department. Students are encouraged to contact the Academic Advising Department for help with any school-related problems they may encounter during the academic year.

Online services include Webmail and ASIST (Automated Student Information Services Tool). Webmail serves as the primary means of communication between the University and the student. 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.

Military Affairs Office
Emily Foutz, B.S., M.A.
Director of Military Affairs

The Military Affairs Office is a knowledgeable resource for servicemembers and veterans, to help those who serve achieve their academic goals. The services provided include military and veteran benefit counseling to help each student through the process of requesting Tuition Assistance and GI Bill benefits, processing and follow-through with the government agencies, and assistance when military deployment, temporary duty, and permanent change of station orders presents a challenge to academic progress.

Military Affairs partners with the military and veteran organizations to offer a wide variety of military-friendly programs, including Servicemembers Opportunity Colleges (SOC) Network, GoArmyEd, College of the American Soldier, Navy College Program Distance Learning Partnership (NCPDLP), Air University – Associate to Baccalaureate (AU-ABC) Program, and the Department of Veterans Affairs Yellow Ribbon Program.

For more information, please visit the Military Student web page at http://www.liberty.edu/militaryaffairs.

Liberty University Online Library Services
Jeffrey M Dull, B.S., M.S.L.S.
Liberty University Online Librarian

The 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 Liberty University Online students by offering timely personal contact and document delivery in order to meet their special needs. This includes the delivery of books and journal articles as well as research and reference services. Fees are assessed for copying, mailing, and faxing.

Liberty University Online students can contact the ILRC by email research@liberty.edu or phone 434-582-2821.

University Writing Program
Shelah Simpson, B.S., M.A.R., M.A.
Director, Online Writing Center
Assistant Professor of English

The Online Writing Center (OWC) was established as part of Liberty’s efforts to improve student writing and thus offers writing-related services tailored to the University’s online student population. Through the Online Writing Center web page (http://www.liberty.edu/onlinewritingcenter), online students can submit drafts of upcoming assignments to receive tutor feedback, schedule appointments to speak 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.

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.

Information Technology Services
Matthew Zealand, B.S.
Chief Information Officer

IT HELPDESK
The IT HelpDesk assists students with computer problems by phone, remote assistance, or walk –in service. HelpDesk hours and other resources such as the Liberty University Knowledge Base (Ask L.U.K.E.) are published online at www.liberty.edu/helpdesk. The HelpDesk is located at Green Hall room 1539; to contact by phone call 866-447-2869 or 434-592-7800.

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Tutor.Com
Liberty University Online has partnered with Tutor.com, the leading live, online tutoring service in the United States. Tutor.com can be accessed via an internet web browser or mobile application, with a network of more than 2,200 expert tutors available around-the-clock. Subjects include math, science, social studies, English, real-time research paper review, and citizenship test preparation.

Liberty University Online in Español students can also receive tutoring services in Spanish. Bilingual tutors will assist in math, science, English and social studies.

This partnership enriches and enhances the current services provided by Liberty University’s Virtual Career Center, coupling its vast resources with Tutor.com’s real-time resume/cover letter writing and review in addition to live assistance from certified career specialists.

Bruckner Learning Center
Heather Schoffstall, B.S., M.S., Ed.D.
Director, Bruckner Learning Center
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 Liberty University Online Office of Disability Academic Support (LU ODAS) exists to coordinate support services for online students with a documented disability. Under Section 504 of the Rehabilitation Act of 1973, we seek to provide "reasonable" accommodations and create equal program access to all students. Our office works in conjunction with students and faculty to ensure that reasonable accommodations are made for students with documented disabilities. For more information, visit the ODAS web page https://www.liberty.edu/index.cfm?PID=15659 (login required) or contact the Liberty University Online ODAS staff at luooodas@liberty.edu.

Career Center
The Career Center strives to assist students in realizing their God-given potential through developing career and education decisions that are rooted in their faith and values. They provide services and resources to help students utilize their academic training in preparation for their professional development. Through the new Virtual Career Center, residential and online students, as well as alumni, have access to career services without closing hours.

CAREER SERVICES
http://www.liberty.edu/career
Career Assessment – Career Direct
Local and Regional Career Fairs
Online Job Database – LUnetWORK for full-time, part-time and internship opportunities
Resume and Cover Letter Critiques and Workshops
Job Search and Research
Graduate School Preparation
Experiential Learning Programs
Internships and Externships

Several programs are available to assist students in determining career goals and implementing appropriate educational plans. Through the Virtual Career Center, online job listings, career counseling, and a computerized career assessment, students are encouraged to explore various occupational fields, develop job-hunting skills, and research graduate education programs. Students are also encouraged to participate in experiential education programs, such as externships and internships, which provide practical work experience and complement their formal education.
INTERNSHIP PROGRAM

All students are encouraged to complete an internship to assist with career planning and gain practical experience within their chosen field of study. Approximately sixty-percent of all interns receive a full-time job offer. Students may earn from one to six (in some cases nine) semester hours of credit. Many majors require at least three credits. All applicants for credit internships, which are listed in the University’s Catalog, are processed through the Liberty University Career Center.

Completed applications must be submitted to the Career Center by the appropriate deadline (NO EXCEPTIONS).

The Career Center also provides a special internship opportunity through the Washington Semester Fellowship (WSF). This program allows students to live and work in Washington D.C. where they are placed in internships relevant to their career or academic interests. Students in the WSF earn six credits of internship while taking six online credits. Additional leadership and professional development training are also available to participants.

Online Advocate Office

Jason Byrd, B.S., M.B.A.
Director of Student Advocate Office

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

The Student Advocate Office is located in the Green Hall complex, Room 2500. Additional information is available online at http://www.luonline.com/index.cfm?PID=14289.

Liberty Online Ministries

Liberty Online ministries provide 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 for Executive Projects and Spiritual Programs

As a dynamic institution vitally interested in the whole person, Liberty provides for physical, social, intellectual, and spiritual needs of the Liberty community. To meet these needs, Liberty provides opportunities for students to gather and serve as a community through convocations and campus church services. Liberty University Online students are encouraged to attend church services as well as convocation when completing on campus intensives.
A. Pierre Guillermin
Integrated Learning Resource Center

Faculty
Carl Merat, B.S., M.S.L.S.
Dean, Integrated Learning Resource Center
Head, Collection Management
Lowell Walters, B.S., M.S.L.S.
Associate Dean, Integrated Learning Resource Center
Michael A. Cobb, A.A.S., B.A., M.L.S., M.A.
Electronic Resources Librarian
Kathryn Cox, B.A., M.S.L.S.
Reference and Instruction Librarian
Erin R. Crane, B.A., M.S.L.S.
Electronic Books 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.
Head, Information Management
Randy L. Miller, B.S., M.S.
Reference and Instruction Coordinator
Rory Patterson, B.A., M.A., M.L.I.S.
Reference and Instruction Librarian
Anne Reynolds, B.S., M.L.S.
Resource Management Librarian (Cataloging)
Abigail R. Sattler, B.S., M.S.
Archivist
Cynthia Schmidt, B.S., M.S.
Curriculum Librarian
Rachel E. Schwedt, B.A., M.L.S.
Head, Public Services
Gregory A. Smith, B.A., M.L.S.
Director, Finance and Assessment
Lori Beth Snyder, B.A., M.S.L.S.
Resource Management Librarian (Acquisitions)
Tyler Veak, B.A., M.A., Ph.D.
Scholarly Communications Librarian
Robert Weaver, B.A., M.L.S.
Collection Development Librarian

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 317,000 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—model that serves both residential and distance students. Digital information resources provided by the ILRC include some 131,000 electronic books and full-text content from more than 67,000 periodicals. The ILRC provides access to more than 300 online research resources from companies such as Dow Jones, EBSCO, JSTOR, LexisNexis, OCLC, ProQuest, the American Psychological Association, Emerald, Standard and Poor’s, and Thomson Gale. A large majority of these print and electronic resources are now available by searching a single discovery tool, Summon. Resources can be accessed directly from this one source or users are able to make a request for materials not currently owned by our library.

Students and faculty can request materials from libraries across the United States through the 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.

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, individual and group study, 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 Green Hall complex. The ILRC is open for student use across a wide range of hours each week during the academic term.

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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 Guillermim 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. A Reference Desk, staffed with librarians and specially trained research support specialists, is also available during all hours the library is open. The ILRC is committed to being the primary library for Liberty University Online students by offering timely personal contact and document delivery in order to meet their special needs. This includes the delivery of books and journal articles as well as research and reference services. Fees are assessed for copying, mailing, and faxing.

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 Christian Library Consortium, the Consortium of College and University Media Centers, EDUCAUSE, InCommon, InfoComm, Lyrasis, VICULA (Virginia Independent College and University Library Association), VIVA (the Virtual Library of Virginia), and other organizations.
Currently, all UWC services are free of charge to Liberty University 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. The UWC is located in the ILRC. Residential students or faculty may contact the center by calling (434) 592-3174 or by e-mailing onlinewriting@liberty.edu. Online students may contact the Writing Center by e-mailing onlinewriting@liberty.edu.

FOREIGN LANGUAGE LAB
In addition to the writing centers, the University Writing Program offers foreign language tutoring services through the Foreign Language Lab. The lab offers foreign language-related services customized to the needs of the university’s residential and on-line population and works to support the needs of faculty members as they instruct and educate their students. The primary purpose of the Foreign Language Lab is to provide one-on-one and group tutoring sessions for students studying Chinese, French, German, and Spanish. However, tutoring for students who are learning English as a second language (ESL) is also provided.

The Foreign Language Lab employs advanced undergraduate students who have native speaking ability in the offered foreign languages and advanced knowledge of the grammar and writing skills correlated to those languages. Individuals can schedule a tutoring session ahead of time with the tutor or come for a walk-in appointment. They will receive personalized instruction on all areas related to language acquisition, including grammar, vocabulary, appropriate writing style, and oral and auditory practice and development.

In addition to providing foreign language and ESL tutoring, the Foreign Language Lab offers conversation groups in each language. Conversation groups help language learners practice their listening and speaking skills in a relaxed and open setting. Conversation topics are varied, and tutors are open to suggestions.

The Director of the Foreign Language Lab is available to faculty for classroom presentations or for help in developing teaching aids, rubrics, or assignments. In addition, all foreign language faculty are welcome to make the lab part of their students’ classroom experience, either by holding classes in the lab or requiring students to visit for tutoring services.

All Foreign Language Lab services are free of charge for individuals associated with Liberty University—students, faculty, and staff. Persons interested in utilizing the services offered by the Foreign Language Lab may contact the lab by emailing foreignlanguagelab@liberty.edu, calling (434) 592-3175, or visiting www.liberty.edu/foreignlanguagelab.
Liberty University’s educational philosophy is based on the integration of fundamental Christian beliefs and the liberal arts tradition. Its programs are designed to prepare students to assume leadership roles in society.

**Academic Programs**

The requirements for graduation for all undergraduate programs are listed in this Catalog and on Degree Completion Plans (DCP) which can be accessed at [http://www.liberty.edu/dcps](http://www.liberty.edu/dcps). Specific Course Requirements and Course Sequences for all residential majors may be found at [http://www.liberty.edu/casas](http://www.liberty.edu/casas).

Undergraduate students declare a major when they are accepted to Liberty. They may process a change of major at any time following matriculation through the Center for Academic Support and Advising Services (CASAS). Exceptions are majors which require acceptance into the program, i.e., Athletic Training, Education, Individualized Studies, Interdisciplinary Studies, and Nursing majors.

A complete listing of the majors and minors offered at Liberty follows. *Concentrations and cognates* within given majors are listed under the major. Liberty University defines a *Concentration* as a specific grouping of 16 or more credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program. A *Cognate* is defined as a specific grouping of 12 to 15 credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program.

Unless published in this Catalog, no other undergraduate degree programs or major and minor fields can be offered by Liberty and students must be aware that Liberty has no responsibility to offer any degree program, major, or minor unless such information is found in this publication. *At least 50% of the course work for any program of study must be earned at Liberty University.*

**Teacher Licensure**

Liberty University offers teacher licensure programs which are approved by the State of Virginia Department of Education.

Those who enter the teacher licensure program must complete the academic major, be subject to the same general education requirements as all other students, and complete academic and practicum experiences related to professional teacher training.

Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at [http://www.liberty.edu/uguide](http://www.liberty.edu/uguide).

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

#### MAJORS

**Accounting**

- Concentration: *Commercial/Corporate*

**Aeronautics**

- Concentration: *Military*
- Concentration: *Missions*
- Concentration: *Unmanned Aerial Systems*

**Athletic Training**

**Biochemistry and Molecular Biology**

**Biology**

- Concentration: *Environmental Science*
- Concentration: *General Biology*
- Concentration: *Molecular Biology*
- Concentration: *Pre-Med*

**Business Administration**

- Cognate: *Communications*
- Cognate: *Economics*
- Cognate: *Entrepreneurship*
- Cognate: *Finance*
- Cognate: *General*
- Cognate: *Healthcare Management*
- Cognate: *Human Resource Management*
- Cognate: *International Business*
- Cognate: *Marketing*
- Cognate: *Project Management*
- Cognate: *Public Administration*

**Business Management Information Systems**

- Cognate: *Accounting Information Systems*
- Cognate: *Application Development*
- Cognate: *Data Networking*
- Cognate: *Database*
- Cognate: *Gaming Technologies*
- Cognate: *Global Studies*
- Cognate: *Information Assurance*
- Cognate: *Intelligence*
- Cognate: *Web Development*

**Cinematic Arts**

**Communication Studies**

- Concentration: *Advertising/Public Relations*
- Concentration: *Digital Media*
- Concentration: *Journalism*
- Concentration: *Speech Communication*

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Liberty University Undergraduate Catalog – 2011-2012
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<th>Programs of Study</th>
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<tbody>
<tr>
<td>Kinesiology</td>
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<tr>
<td>Concentration: Health and Physical Education ¹</td>
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<tr>
<td>Concentration: Health and Physical Education, Non-Licensure</td>
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<tr>
<td>Mathematics ¹</td>
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<tr>
<td>Paralegal Studies ³</td>
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<tr>
<td>Psychology ²</td>
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<tr>
<td>Concentration: Counseling, Clinical or Research</td>
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<td>Concentration: Counseling and Human Development</td>
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<tr>
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<td>Cognate: Christian Counseling ³</td>
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<td>Cognate: Crisis Counseling ³</td>
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<td>Cognate: Life Coaching ²</td>
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<td>Cognate: Substance Abuse ³</td>
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<tr>
<td>Concentration: Adventure Leadership and Outdoor Ministry</td>
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<tr>
<td>Concentration: Family Ministries</td>
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<tr>
<td>Concentration: Intercultural Studies</td>
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<td>Concentration: Pastoral Leadership</td>
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<tr>
<td>Concentration: Women’s Ministries</td>
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<tr>
<td>Concentration: Youth Ministries</td>
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<tr>
<td>Cognate: Biblical Studies ³</td>
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<tr>
<td>Social Sciences ¹</td>
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<td>Special Education Integrated Studies</td>
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<td>Special Education Interdisciplinary Studies ³</td>
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<td>Sport Management</td>
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<td>Studio and Digital Arts ¹</td>
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<tr>
<td>Concentration: Graphic Design</td>
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<tr>
<td>Concentration: Studio Art ¹</td>
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<tr>
<td>Web Technology and Design</td>
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<tr>
<td>Worship and Music Studies</td>
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<tr>
<td>Concentration: Christian Music Artist and Songwriter</td>
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<td>Concentration: Pastoral Leadership</td>
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<tr>
<td>Concentration: Worship Leadership</td>
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<td>Concentration: Worship Technology</td>
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<td>Concentration: Youth Ministry</td>
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<td>Cognate: Biblical Studies</td>
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<td>Cognate: Business Studies</td>
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<td>Cognate: Intercultural Studies</td>
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<td>Cognate: Theatre Ministries</td>
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<td>Cognate: Women’s Ministries</td>
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<td>Bachelor of Arts (B.A.)</td>
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<td>MAJORS</td>
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<td>Government</td>
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<tr>
<td>Concentration: International Relations</td>
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<td>Concentration: Politics and Policy</td>
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<td>Concentration: Western Legal Traditions</td>
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<td>Individualized Studies</td>
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<td>Pastoral Leadership and Biblical Exposition</td>
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<td>Aviation Maintenance Technician</td>
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<td>Health Promotion</td>
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Liberty University Undergraduate Catalog – 2011-2012
Intercultural Studies ²
International Relations
Journalism ¹
Kinesiology
Linguistics
Mathematics
Music – Brass, Woodwind, or Percussion
Music – Liberal Arts
Music – Performance: Voice, Keyboard, Guitar or Strings
Philosophy
Photography
Politics and Policy
Psychology ²
Sociology
Spanish
Special Education ²
Speech ¹
Sport Management
Strategic and Intelligence Studies
Studio Art ¹
Theatre Arts ¹
Theology
Western Legal Traditions
Women’s Ministries
Writing
Youth Ministries

Certificate Programs
Aviation Maintenance Technician
Advanced Certificate in Biblical Studies ⁴
Advanced Certificate in Business ³

Graduate of Theology Diploma (Th.G.)
Biblical Studies ³

¹ Option available for Teacher Licensure Endorsement
² Also available through Liberty University Online
³ Available through Liberty University Online ONLY
⁴ Available through Liberty University en Español

Course Identification

Each course is identified by a four-letter prefix and a three digit number. The letters represent the academic area. The first digit will be 1, 2, 3, or 4 to indicate that the course is a freshman, sophomore, junior, or senior level course, respectively. Graduate course numbers begin with 5 and above.

COURSE PREFIXES
ACCT  Accounting
AIRS  Air Force ROTC
ALOM  Adventure Leadership and Outdoor Ministry
APOL  Apologetics
ARTS  Studio and Digital Art
ATHL  Athletics
ATTR  Athletic Training
AVIA  Aviation
AVMN  Aviation Maintenance Technician (Certificate)
AVMT  Aviation Maintenance Technician
BCHM  Biochemistry
BIBL  Biblical Studies
BIOL  Biology
BMIS  Business Management Information Systems
BUSA  Business
CARP  Carpentry

CCOU  Christian Counseling
CESL  Conversational English
CGRM  Conversational Spanish
CHEM  Chemistry
CHHI  Church History
CHILD  Children’s Ministries
CHMN  Church Ministries
CINE  Cinematic Arts
CJUS  Criminal Justice
CLST  College Learning Strategies
COMS  Communication Studies
CRFT  Craft Skills
CRIS  Crisis Counseling
CRST  Creation Studies
CSCI  Computer Science
CSER*  Christian/Community Service
CSPA  Conversational Spanish
ECON  Economics
EDSP  Special Education
EDUC  Education
ELIL  English Language Institute
ELTC  Electrical
ENGC  Computer Engineering
ENGE  Electrical Engineering
ENGI  Industrial and Systems Engineering
ENGL  English
ENGS  Software Engineering
ESOL  English as a Second Language
ETHM  Ethnomusicology
EVAN  Evangelism
EXSC  Exercise Science
FACS  Family and Consumer Sciences
FREN  French
FRSM  Freshman Seminar
GBST  General Biblical Studies
GEOG  Geography
GLST  Global Studies
GNED  Contemporary Issues
GOVT  Government
GREK  Greek
GRMN  German
HBRW  Hebrew
HIEU  European History
HIST  History Research and Methods
HIUS  United States History
HIWD  World History
HLTH  Health
HONR  Honors
HUMN  Humanities
HVAC  Heating, Ventilation, Air Conditioning
ICST  Intercultural Studies
INFT  Information Technology
INTL  International Studies
KINE  Kinesiology
LIFC  Life Coaching
LING  Linguistics
MASN  Masonry
MATH  Mathematics
MISC  Military Science – Army ROTC
MLAN  Modern Languages
MUSC  Music
NASC  Natural Science
NURS  Nursing
PHIL  Philosophy
PHSC  Physical Science
<table>
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<tr>
<th>PROGRAMS OF STUDY</th>
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* Not listed in this publication. See the Christian/Community Service Website at: [http://www.liberty.edu/christianservice](http://www.liberty.edu/christianservice).

**Liberty University en Español**

Liberty University en Español offers Spanish-language versions of Liberty University Online programs. The curriculum is the same as existing Liberty University Online programs, and the course requirements do not vary. The only difference in these programs is that Spanish-language versions of some of the course materials are available, and students are permitted to turn in written materials in their native language. Further information is available at [http://www.luonline.com/index.cfm?PID=21499](http://www.luonline.com/index.cfm?PID=21499).

**The University Honors Program**

Director, Honors Program  
Associate Professor of English

If you participated in Gifted and Talented programs in high school or if you are academically talented and serious about your studies and seek to be appropriately challenged, you should consider the academic enrichment of our Honors Program along with its merit-based 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 Liberty University students must have a cumulative GPA of 3.50 and have no more than 60 credits earned; their recommendation letters must come from professors.

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 petition, contact the Honors Program Office by phone at 434-592-3304 or email the Director at jhnutter@liberty.edu.

**Study Abroad Office**

Jacqueline Johnson, B.S., M.A., Ed.S., Ed.D.  
Coordinator

The mission of the Study Abroad Office is to provide Liberty University students with a unique opportunity to transform their global outlook and grow in their faith while reaching their academic goals. It will also be an opportunity for the student to develop character, learn more about themselves and form lasting relationships.

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

The Study Abroad Office, located in 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](http://www.liberty.edu/index.cfm?PID=19707).
Programs of Study

Following is a complete listing of the majors and minors offered at Liberty. Concentrations and cognates within given majors are listed under the major. Liberty University defines a Concentration as a specific grouping of 16 or more credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program. A Cognate is defined as a specific grouping of 12 to 15 credit hours that may be offered within the requirements for an Undergraduate Major or Graduate Program.

Unless published in this Catalog, no other undergraduate degree programs or major and minor fields can be offered by Liberty and students must be aware that Liberty has no responsibility to offer any degree program, major, or minor unless such information is found in this publication. At least 50% of the major or minor course work for any program of study must be earned at Liberty University.

Bachelor of Science

MAJORS:

Accounting
Aeronautics

Concentration: Commercial/Corporate

Business Administration

Cognate: Communications
Cognate: Economics
Cognate: Entrepreneurship
Cognate: Finance
Cognate: General
Cognate: Healthcare Management
Cognate: International Business
Cognate: Marketing
Cognate: Project Management
Cognate: Public Administration

Business Management Information Systems

Cognate: Accounting Information Systems
Cognate: Application Development
Cognate: Data Networking
Cognate: Database
Cognate: Gaming Technologies
Cognate: Global Studies
Cognate: Information Assurance
Cognate: Intelligence
Cognate: Web Development

Criminal Justice

Cognate: Forensics
Cognate: Homeland Security
Cognate: Youth Corrections

Early Childhood Education Interdisciplinary Studies

(non-licensure)

Elementary Education Interdisciplinary Studies

(non-licensure)

Interdisciplinary Studies

Paralegal Studies

Psychology

Cognate: Christian Counseling
Cognate: Crisis Counseling
Cognate: Life Coaching
Cognate: Substance Abuse

Religion

Special Education Interdisciplinary Studies

(non-licensure)

RN to BSN

Accounting
Business
Business Management Information Systems
Criminal Justice
Early Childhood Education (non-licensure)
Education (non-licensure)
Interdisciplinary Studies
Paralegal Studies
Psychology
Religion

Graduate of Theology Diploma

Biblical Studies

Advanced Certificate in Biblical Studies
Advanced Certificate in Business

Minors

Accounting
Biblical Studies
Business
Business Management Information Systems
Christian Counseling
Church Ministries
Criminal Justice
Intercultural Studies
Psychology
Special Education

Additional information regarding specific degree programs can be found at www.luonline.com. Programs offered en Español are located at http://www.luonline.com/index.cfm?PID=21499.

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.liberty.edu/academics/registrar/index.cfm?PID=2981.

CENTER FOR PROFESSIONAL AND CONTINUING EDUCATION (CPCE)

The Liberty University Center for Professional and Continuing Education offers, through its residential and online programs, professional development and personal enrichment courses to meet community and individual needs. The Professional and Continuing Education component consists of instructional services, consultation, technical assistance, and community education interests. These opportunities are available in various residential and online venues: conferences, workshops, classes, etc. The principal unit awarded for participation in these non-degree credit activities is the certificate of the Continuing Education Unit (CEU).
Center for Academic Support and Advising Services

Brian C. Yates, B.S., M.Ed., Ed.D.
Dean, Center for Academic Support and Advising Services
Associate Professor of Education

David Hart, B.S., M.A.R.
Director, CASAS Operations

Lance McClure, B.S., M.A.R.
Director, Technical Studies
Assistant Professor of Technical Studies

William Denton McHaney, B.S., M.Ed.
Director, Office of Disability Academic Support
Associate Professor of Education

Dwayne Melton, B.S., M.B.A.
Director of Advising
Instructor of Education

Heather Schoffstall, B.S., M.S., Ed.D.
Director, Bruckner Learning Center
Assistant 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

James D. Wagner, Sr., B.A., M.A.
Director of Testing
Instructor of Education

S. Denise Green, B.S., M.A.
Assistant Director, Bruckner Learning Center
Lecturer of Education

David D. Bellows, B.S., M.A.R.
Academic Retention Coordinator
Instructor of Education

Jacqueline Johnson, B.S., M.A., Ed.S., Ed.D.
Coordinator of Special Projects and Freshman Seminar

FACULTY
Associate Professor
McHaney, Sherman, Yates, B.
Assistant Professor
Amburgey, Hansen, Jernigan, McClure, Schoffstall, H., Spradlin, Thorn, Wagner, Sr., J.
Instructor
Bellows, Melton, Miles, Miller, Van Eaton, H.
Lecturer
Altamarino, 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 Individualized Studies and Interdisciplinary 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.

Freshman Seminar is designed to introduce an environment for success while also providing structure and support as new freshmen navigate the academic, spiritual, social and physical campus that is Liberty University.

ACADEMIC ADVISING
Students receive personalized, individual advising through their Professional Advisor who is assigned to them upon arrival on campus based on the student’s academic area of study. The Professional Advisor will remain with them, directing their academic programs with the assistance of the academic department faculty until graduation. Housed in the Center for Academic Support and Advising Services, Professional Advisors work closely with students in scheduling courses, fulfilling requirements for their intended majors and providing direction to help students reach their educational goals.

CENTER FOR PROFESSIONAL AND CONTINUING EDUCATION (CPCE)
The Liberty University Center for Professional and Continuing Education offers, through its residential and online programs, professional development and personal enrichment courses to meet community and individual needs. The Professional and Continuing Education component consists of instructional services, consultation, technical assistance, and community education interests. These opportunities are available in various residential and online venues: conferences, workshops, classes, etc. The principal unit awarded for participation in these non-degree credit activities is the certificate of the Continuing Education Unit (CEU).

Programs of Study
Bachelor degrees offered through the Center for Academic Support and Advising Services include Individualized Studies (B.A./B.S.) and Interdisciplinary Studies (B.S.). Additional information is available online at http://www.liberty.edu/individualstudy.

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

PURPOSE
The Bachelor of Individualized Studies major is designed to provide an option for the exceptionally talented student who wishes to pursue a particular area of study not available through the structured major and minor programs.

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate university-level competencies in writing, speaking, reading, appreciation of the arts, analytical reasoning, computer literacy, and library research;
2. Demonstrate acquisition of core competencies in two content areas;
3. Assess the moral dimensions and ethical implications in two disciplines;
4. Demonstrate the integration of knowledge; and
5. Evidence the synthesis of academic knowledge and Christian values.

**DEGREE REQUIREMENTS**
1. Minimum cumulative GPA of 3.00 is required to apply and for degree completion;
2. Fulfill institutional General Education requirements;
3. Complete two cognates of at least 21 hours. One cognate must be composed of courses from a single major area, while the second may combine related courses from different departments;
4. B.A. – Complete 11 hours of electives and 12 hours of language;
5. B.S. – Complete 24 hours of electives;
6. Complete at least 30 hours at the 300-400 level;
7. Complete 50 percent of the major at Liberty;
8. Complete 60 hours following admission to the program or prior to commencing the Junior year;
9. Generate a final paper which integrates knowledge across the disciplines (Approval of Director, Individualized Programs of Study required; due in that office October 15th or February 15th, or June 15th of graduation semester.); and
10. Broken enrollment would necessitate renegotiation of the proposal.

**PROGRAM SPECIFIC ADMISSION REQUIREMENTS**
To gain admission to the Individualized Studies Program, the student must complete the application process and meet with the Director, Individualized Programs of Study as early as possible in the undergraduate program and complete 60 hours following admission to the program or prior to commencing the Junior year.

Proposed cognates must be approved by the respective departmental chairmen. Final approval for admission to the program is granted by the Director, Individualized Programs of Study.

The Individualized Studies Proposal and DCP are used to determine compliance for degree requirements, and may not be changed without the approval of the Director, Individualized Programs of Study and the respective Department Chairman.

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

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

**PURPOSE**
The Bachelor of Science in Interdisciplinary Studies major is designed to offer a degree that enables the student to use both inter-college and interdepartmental combinations of courses that will provide a broad pattern of educational experience.

**PROGRAM LEARNING OUTCOMES**
The student will be able to:
1. Demonstrate university-level competencies in writing, speaking, reading, appreciation of the arts, analytical reasoning, computer literacy, and library research;
2. Demonstrate acquisition of core competencies in at least two, but not more than three, content areas;
3. Assess the moral dimensions and ethical implications in at least two disciplines; and
4. Evidence the synthesis of academic knowledge and Christian values.

**DEGREE REQUIREMENTS**
1. Fulfill institutional General Education Requirements;
2. Complete a 45-hour major which must be drawn from at least two, but not more than three, academic disciplines with no more than 30 hours and no less than 15 hours from any one discipline. The courses may be in most fields offered by the University;
3. Complete 19 hours of electives in chosen disciplines, including areas that are covered in the major;
4. Complete at least 30 hours at the 300-400 level;
5. Complete 50 percent of the major at Liberty;
6. Complete 30 hours following admission to the program; and
7. Broken enrollment would necessitate renegotiation of the proposal.

**PROGRAM SPECIFIC ADMISSION REQUIREMENTS**
To gain admission to the Interdisciplinary Studies Program, the student must complete the application process and meet with the Director, Individualized Programs of Study as early as possible in his/her undergraduate program and prior to commencing the Senior year. The Professional Advisor for the Individualized Programs of Study will assist the student in developing a course and program plan to meet the requirements of the degree.

The cognates must be approved by the Department Chairmen of the disciplines involved. The Interdisciplinary Studies proposal is then submitted to the Director, Individualized Programs of Study, for final approval. The course and program plan, when accepted, becomes the student’s DCP contract for graduation and may be modified only upon written request to the Director, Individualized Programs of Study.

Applications will only be accepted during the following times:
Fall Semester: September 1 – November 15
Spring Semester: February 1 – April 15
Summer: June 1 – July 15

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

**PURPOSE**
The Associate of Applied Science (AAS) in Technical Studies degree is a 60 credit hour program consisting of 31 hours of general education required courses, 13 core hours and 16 hours in one of six concentrations. Instruction in technical coursework will be delivered at Virginia Technical Institute, 201 Ogden Road, Altavista, Virginia.
PROGRAM LEARNING OUTCOMES

The student will be able to:
1. Demonstrate a comprehensive knowledge of the skills required by craft workers and technicians employed in the construction industry.
2. Demonstrate appropriate safety and first aid procedures.
3. Evaluate construction industry projects from a financial/economic perspective.
4. Demonstrate computer skills as appropriate to the discipline.

Carpentry Concentration
The student will be able to:
• Demonstrate basic carpentry skills needed for a carpentry apprenticeship.

Electrical Concentration
The student will be able to:
• Demonstrate basic electrical skills needed for an electrician apprenticeship.

Heating, Ventilation, Air Conditioning (HVAC) Concentration
The student will be able to:
• Demonstrate basic HVAC skills needed for a HVAC apprenticeship.

Masonry Concentration
The student will be able to:
• Demonstrate basic masonry skills needed for a masonry apprenticeship.

Plumbing Concentration
The student will be able to:
• Demonstrate basic plumbing skills needed for a plumbing apprenticeship.

Welding Concentration
The student will be able to:
• Demonstrate basic welding skills needed for a welding apprenticeship.

Program of Study

Technical Studies Major (A.A.S.)

| General Education Requirements (31 hrs) |
| Core Courses (13 hrs) |
| CRFT 101 Introduction to Craft Skills 3 |
| HLTH 205 First Aid 3 |
| BUSI 223 Personal Finance 3 |
| ECON 110 Survey of Economics 3 |
| CLST 101 College Learning Strategies 1 |
| Concentration Courses (16 hrs) |
| Choose one of the following concentrations: |
| Carpentry |
| Electrical |
| Heating, Ventilation, Air Conditioning (HVAC) |
| Masonry |
| Plumbing |
| Welding |

TOTAL HOURS: 60 hrs. minimum required.

Carpentry Concentration (16 hrs)
- CARP 101 Foundations in Carpentry 4
- CARP 201 Intermediate Carpentry 4
- CARP 301 Advanced Carpentry 4
- CARP 401 Special Topics in Carpentry 4

Electrical Concentration (16 hrs)
- ELTC 101 Foundations of Electricity 4
- ELTC 201 Intermediate Electricity 4
- ELTC 301 Advanced Electricity 4
- ELTC 401 Special Topics in Electricity 4

HVAC Concentration (16 hrs)
- HVAC 101 Foundations in HVAC 4
- HVAC 201 Intermediate HVAC 4
- HVAC 301 Advanced HVAC 4
- HVAC 401 Special Topics in HVAC 4

Masonry Concentration (16 hrs)
- MASN 101 Foundations in Masonry 4
- MASN 201 Intermediate Masonry 4
- MASN 301 Advanced Masonry 4
- MASN 401 Special Topics in Masonry 4

Plumbing Concentration (16 hrs)
- PLMB 101 Foundations of Plumbing 4
- PLMB 201 Intermediate Plumbing 4
- PLMB 301 Advanced Plumbing 4
- PLMB 401 Special Topics in Plumbing 4

Welding Concentration (16 hrs)
- WELD 101 Foundations of Welding 4
- WELD 201 Intermediate Welding 4
- WELD 301 Advanced Welding 4
- WELD 401 Special Topics in Welding 4

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 transfer students 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 to 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 the 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:
- GPA of 3.50 or higher at the end of the first two semesters of college (with no repeats).
- Full-time enrollment pursuing a bachelor’s degree.
- Freshman transfer students must have the required GPA on the courses taken during their first semester of enrollment combined with the cumulative average of their transfer credits.

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**Bruckner Learning Center**

*Director: Dr. Heather Schoffstall*

The Bruckner Learning Center (BLC) provides a wide range of programs to enhance the academic success of Liberty University students. A valuable course available to incoming freshmen is CLST 101, which is designed to teach students the study skills necessary for college success. Students needing assistance with reading may choose to take CLST 102, while those desiring individualized lab work in study techniques may take CLST 103. Other offerings include CLST 105, which provides mentoring and accountability, and CLST 301, an advanced speed reading course designed to build vocabulary and accelerate reading speed. Additionally, CLST 104 is a transitional study skills course offered in the summer that incorporates Freshman Seminar. Any new freshman may take CLST 104. Applicants must apply and be accepted into the Summer Bridge Program in order to participate in CLST 104.

Students who are placed on Academic Warning/Probation will be required to complete a College Learning Strategies (CLST) course to assist them in their academic progress during that semester of Academic Warning/Probation. In such instances, if a student withdraws, or receives a grade lower than a C, the course must be retaken in the subsequent semester. A student may not drop or withdraw from the course without permission from the Director of the Bruckner Learning Center.

**DEVELOPMENTAL MATH**

*Coordinator: Dr. Kathy Spradlin*

Developmental Math is a component of the Bruckner Learning Center. Placement of MATH 100 and MATH 110 into the developmental model allows students to be in an affective learning environment that focuses on improving student attitudes toward math, identifying individual learning styles and providing intensive personal attention through tutoring and computer assistance. The ultimate goal is to move the students toward further success in mathematics. MATH 100 is offered to students who do not have strong math skills; it is a review of basic arithmetic and elementary algebra. MATH 110 is offered for those who do not have prerequisite algebra skills for college-level math. Topics reviewed include exponents, factoring, graphing, equations, and rational expressions.

**TUTORING SERVICES**

Free peer tutoring is offered in over 15 subject areas to residential students desiring academic assistance during the fall and spring semesters. Subjects are offered based on tutor availability. For more information, visit the website at [www.liberty.edu/tutoring](http://www.liberty.edu/tutoring).

**TESTING SERVICES**

Make-up testing is provided in the Bruckner Learning Center, Testing Services at the direction of individual professors. Other forms of testing available include: CLEP, ICE (Institutional Challenge Exam), 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. For more information, visit the website at [http://www.liberty.edu/testing](http://www.liberty.edu/testing) for the current fee schedule.

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**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](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
- Virtual Career Center

The Career Center is located in 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.
The Virtual Career Center (VCC) provides online access to career services without closing hours. Our goal is to deliver professional development services, workshops and resources through online mediums without compromising the quality of service between Career Center staff and students. VCC services and resources help students become professionals prepared for the world of work.

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

**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 Liberty University 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 Liberty University 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.

**IMPORTANT INFORMATION REGARDING INTERNSHIPS AND CLINICAL PLACEMENTS**

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

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

**Study Abroad Office**

Jacqueline Johnson, B.S., M.A., Ed.S., Ed.D.
Coordinator

The mission of the Study Abroad Office is to provide Liberty University students with a unique opportunity to transform their global outlook and grow in their faith while reaching their academic goals. It will also be an opportunity for the student to develop character, learn more about themselves and form lasting relationships.

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

The Study Abroad Office, located in 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.

**Office of Disability Academic Support**

**Director: William Denton McHaney**

The Office of Disability Academic Support (ODAS) provides academic support services for students with documented disabilities. A student who has a disability may be assigned to a Disability Academic Support advisor who has had training in accommodation of disabled students. That faculty member acts as a liaison between instructors and the individual regarding classroom accommodations and will function in a dual advising role with the CASAS Professional Advisor in the student’s chosen major. With the student’s permission, each instructor is informed that the student has a disability, and suggestions for appropriate accommodations are made, as needed and desired.

The Osborne Assistive Learning Technology Center provides access to computers with text reader software with synthetic speech, speech recognition software to turn speech into print, and organizational software.

The Hands of Liberty Deaf Department provides supportive services for hearing-impaired students. These supportive services include: interpreters in classrooms and all campus-related activities, direction and counseling, limited tutoring, and facilitated communication with official agencies/offices on and off campus, etc.
Center for Academic Support and Advising Services – Online Programs

Interdisciplinary Studies Major (B.S.)

PURPOSE
The Bachelor of Science in Interdisciplinary Studies degree program is designed for traditional students and adult learners with an interdisciplinary history attained through academic and/or work experience. Academic instruction is structured within a Christian worldview.

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate university-level competencies in writing, public speaking, reading comprehension, appreciation of the arts, analytical reasoning, computer literacy, and educational research;
2. Demonstrate acquisition of core competencies in of English language; and
3. Assess moral dimensions and ethical implications in each chosen area of concentration.

APPLICATION PROCESS
1. Complete the Application for Interdisciplinary Studies major.
2. Submit the Cognate Selection form to the New Enrollment Specialist.
3. Review of the Cognate Selection is made by a New Enrollment Specialist. Students who have not completed enough hours in a specific area to develop a cognate will be contacted by email encouraging them to pursue a specific program area.
4. Approval is granted by the Degree Plan Coordinator in the Liberty University Online Office of Transfer Evaluations and Degree Planning and by the Registrar’s Office.
5. Students who break enrollment must resubmit the Cognate Selection form.

Program of Study

Interdisciplinary Studies Major (B.S.)

Liberty University Online offers cognates in Accounting, Christian Counseling, Business, Criminal Justice, Education, Management Information Systems, Psychology, Religion, and Special Education. A cognate represents a broad discipline of study at Liberty University. There are no specific course requirements in a cognate. The Interdisciplinary Studies degree program is individualized to provide flexibility and to give students options to select courses that will help them meet their academic goals. Students may take any course that fits within the discipline of study as indicated by approved prefixes on the following chart, as long as the prerequisite requirements have been met.

This program is not available for students pursuing teacher licensure. This program does not comprise a double major.

Liberty’s Interdisciplinary Studies program requires 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.

<table>
<thead>
<tr>
<th>Online Cognates</th>
<th>Courses can be taken online or transferred with the following prefix:</th>
<th>Upper Level Credits (Minimum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>ACCT only</td>
<td>9 credits</td>
</tr>
<tr>
<td>Business</td>
<td>Any combination of ACCT / BUSI / ECNC</td>
<td>9 credits</td>
</tr>
<tr>
<td>Christian Counseling</td>
<td>CCOU only</td>
<td>9 credits</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>Any combination of CJUS / GOVT</td>
<td>9 credits</td>
</tr>
<tr>
<td>Education</td>
<td>EDUC only</td>
<td>9 credits</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>CMIS only</td>
<td>9 credits</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSYC only</td>
<td>9 credits</td>
</tr>
<tr>
<td>Religion</td>
<td>Any combination of BIBL / CHHI / CHMN CHLD EVAN / ICST THEO / PHIL / PLED YOUT / WRSP</td>
<td>9 credits</td>
</tr>
<tr>
<td>Special Education</td>
<td>EDSP only with exception of PSYC 345 and EDUC 307</td>
<td>9 credits</td>
</tr>
</tbody>
</table>

Transfer cognates are approved for disciplines indicated on the following chart. These cognates are not offered online; however, transfer students may choose one or two of the following cognates as long as a minimum of 15 hours have been transferred per cognate. Upper-level credits are not required in transfer cognates; however, students must meet the institutional requirement of 30 upper-level credits for the degree program.

At least 50% of the courses for this degree must be completed through Liberty University, with the exception of students approved for the Servicemembers Opportunity Colleges.

Credit may be awarded based on the American Council on Education (ACE) Guide to Educational Experience in the Armed Services.

<table>
<thead>
<tr>
<th>Transfer Cognates</th>
<th>Disciplines Included</th>
<th>Transfer Credits Required</th>
<th>LU Prefix Identifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aviation Science</td>
<td>Aerospace, Aeronautics, Air Safety, Aircraft, Hydrodynamics, Hydrostatics, Maintenance</td>
<td>15 minimum</td>
<td>AVIA</td>
</tr>
<tr>
<td>Communication Studies</td>
<td>Speech, Mass Communication, Interpersonal Communication, Media, Graphic Design, Public Relations, Studio and Digital Arts</td>
<td>15 minimum</td>
<td>COMS ARTS VCAR</td>
</tr>
<tr>
<td>Computational Science</td>
<td>Computer Science, Engineering, Information Technology,</td>
<td>15 minimum</td>
<td>CMIS CSCI ENGE INFT</td>
</tr>
</tbody>
</table>
### Transfer Cognates

<table>
<thead>
<tr>
<th>Disciplines Included</th>
<th>Transfer Credits Required</th>
<th>LU Prefix Identifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Information Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English and Literature</td>
<td>15 minimum</td>
<td>ENGL ESOL 200+</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>15 minimum</td>
<td>MUSC THEA ARTS VCAR HUMN</td>
</tr>
<tr>
<td>Health Science</td>
<td>15 minimum</td>
<td>ATTR HLTH KINE EXER NURS PHED</td>
</tr>
<tr>
<td>Language Studies</td>
<td>15 minimum</td>
<td>FREN GREK HBRW LANG MLAN LING GREK</td>
</tr>
<tr>
<td>Social Science</td>
<td>15 minimum</td>
<td>ANTH GOVT SOCI PSYC ECNC HIUS HIEU HIWD HLTH216, HLTH 252 SOWK ICST GEOG</td>
</tr>
<tr>
<td>Mathematics</td>
<td>15 minimum</td>
<td>MATH</td>
</tr>
<tr>
<td>Military Science</td>
<td>15 minimum</td>
<td>MISC</td>
</tr>
<tr>
<td>Natural Science</td>
<td>15 minimum</td>
<td>BIOL BCHM CHEM PHSC PHYS NASC</td>
</tr>
</tbody>
</table>

### Interdisciplinary Studies Major (A.A.)

**PURPOSE**

The Associate of Arts degree in Interdisciplinary Studies is designed as an intermediate, close-range goal for the adult learner and may act as a bridge to a Bachelor of Science degree. It enables the student to use both inter-college and interdepartmental combinations of courses that will provide a broad pattern of educational experience.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

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

### Program of Study

#### Interdisciplinary Studies Major (A.A.)

<table>
<thead>
<tr>
<th>General Education Requirements for an Associate of Arts degree are listed in the College of General Studies section of this Catalog.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements 39</td>
</tr>
<tr>
<td>General Electives 21</td>
</tr>
<tr>
<td>Total hours required 60</td>
</tr>
<tr>
<td>- A minimum of 15 hours must be completed through Liberty University.</td>
</tr>
<tr>
<td>- Minimum 2.00 grade point average.</td>
</tr>
</tbody>
</table>

| TOTAL HOURS: 120 minimum; 30 hours of upper-level courses |

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College of Arts and Sciences

Roger Schultz, B.A., M.A., Ph.D.
Dean, College of Arts and Sciences
Professor of History

Douglas F. Mann, B.A., M.A., Ph.D.
Associate Dean of the Graduate School
Associate Dean for Graduate Programs, College of Arts and Sciences
Associate Professor of History

Scott Hawkins, B.S., M.A., Ph.D.
Associate Dean for Behavioral Sciences, College of Arts and Sciences
Associate Professor of Counseling

Mark Hemric, B.S., Ph.D.
Associate Dean, Residential Science Programs, College of Arts and Sciences
Professor of Chemistry

Steve E. Warren, B.S., M.A.
Associate Dean for 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. The College offers instruction in counseling, English, family and consumer sciences, French, geography, history, linguistics, mathematics, military science, music, philosophy, physical science, physics, psychology, sociology, Spanish, Teaching English as a Second/Foreign Language, and theatre arts.

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, English, family and consumer sciences, health/physical education, history/social science, mathematics, music (choral or instrumental), Spanish, Teaching English as a Second/Foreign Language, 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/dcps.

Air Force – ROTC

FACULTY
Colonel Jon Wolfe, B.S., M.S., M.A.
Commander Air Force – ROTC Detachment 890

PURPOSE
The Air Force Reserve Officers’ Training Corps (AFROTC) offered to Liberty University students through the University of Virginia affords the opportunity to receive United States Air Force officer training while completing undergraduate or graduate studies. AFROTC is the largest of three programs available through the Air Force to earn a commission and serve as an officer in the United States Air Force.

AFROTC offers commissioning opportunities for students of all levels, both graduate and undergraduate. The 4-year program is designed for students who join during their first year of college. Students take all 4 years of 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

<table>
<thead>
<tr>
<th>Air Force R.O.T.C. (16 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AIRS A</strong></td>
<td>Leadership Laboratory (required with every AIRS course)</td>
</tr>
<tr>
<td><strong>AIRS 110</strong></td>
<td>The Foundations of the US Air Force I</td>
</tr>
</tbody>
</table>
Army – ROTC

FACULTY
Major Robert J. Foy, USA (Ret.), B.A., M.A.  
Instructor of Military Science
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 $1,200 annually, and a monthly stipend of up to $500 per month. Scholarship students incur a military obligation.

INTERNSHIP
Internships are available during the summer of the sophomore year for qualified students that did not participate in ROTC during their freshmen and sophomore years. Participants are provided transportation, food, lodging, uniforms, and are paid during the 28-day camp. Students that successfully complete the internship are eligible to compete for a two-year scholarship.

CONTACT INFORMATION
Army ROTC; Liberty University; 1971 University Blvd.; LaHaye Student Union, Room 2900; Lynchburg, VA 24502. Toll-free phone number: 1-888-LU-AROTC. Email: jaezzo@liberty.edu.

Department of 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, Curtis, DeLong, J., Foley, C., Hähnlen, Harris, Heady, Müller, Nutter, J., Prior, Rowlette, K.
Assistant Professor
Bell, S., Davis, M., Kim, J., Simpson, S.Towles, C., Towles, M.
Instructor
Gaumer, Grant,
Lecturer
Blankenship, Coates, 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
The student will be able to:
1. Interpret and evaluate literary and critical texts in the context of a Christian worldview;
2. Formulate and express original ideas based on critical analysis of texts;
3. Analyze relationships between texts and literary and cultural history;
4. Write according to the complex demands of grammar and mechanics, purpose, audience, and discursive style;
5. Research and write in the style appropriate to the field of English; and
6. Argue, dialogue, and collaborate with others in a manner appropriate to the field of English.

Spanish Major (B.A.)

PROGRAM LEARNING OUTCOMES
The student 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
The student 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

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

Requirements
- Twelve hours of English;
- At least a B in every English course;
- GPA of 3.25.

SIGMA DELTA PI SPANISH HONOR SOCIETY

Purpose
1. To recognize those who attain excellence in the study of the Spanish language and in the study of the literature and culture of the Spanish-speaking peoples.
2. To honor those who have contributed to the furthering excellence in the study of the Spanish language and culture through honorary membership.
3. To foster interest in Spanish language and culture among students of Liberty University and in the Lynchburg community.
4. To encourage the involvement of both native and non-native Spanish speakers in community service and leadership.
5. To promote student scholarship and encourage continued language study after graduation.

Requirements
- 3.00 overall GPA
- 3.25 GPA in Spanish coursework
- At least one class in upper division Spanish coursework (300+)

Career Opportunities

English and Modern Languages

<table>
<thead>
<tr>
<th>Business</th>
<th>Professions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Services</td>
<td>Second-language instruction</td>
</tr>
<tr>
<td>Graduate school</td>
<td>Teaching</td>
</tr>
<tr>
<td>Ministry</td>
<td>Translation</td>
</tr>
<tr>
<td>Law</td>
<td>Writing</td>
</tr>
</tbody>
</table>

Programs of Study

English Major (B.A.)

General Education Requirements (55 hrs)

Language Requirements (12 hrs) Must be one language

Courses in the Major (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 Shakespeare 3
- ENGL 333 Modern Grammar 3
- ENGL 364 History of the English Language 3
- ENGL 433 Literary Criticism 3
- ENGL Upper-level Electives 6

Directed Courses (Required) (0-6 hrs)

- ENGL 221 World Literature I 3
- HIEU 201 History of Western Civilization I 3

Free Electives (0-14 hrs)

Graduation Requirements*

CRST 290 History of Life 2-3

* Must be chosen from two different areas (American, English, or World Literature).
* May be included in Free Elective hours.

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)

General Education Requirements (55 hrs)

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 Shakespeare 3
- ENGL 333 Modern Grammar 3
- ENGL 350 Advanced Exposition Writing 3
- ENGL 364 History of the English Language 3
- ENGL 422 Modern Drama – OR 3
- ENGL 442 Musical Theatre 3
- ENGL 433 Literary Criticism 3
- ENGL Upper-level Electives 6

Language (12 hrs) Must be one language

Directed Courses (required) (0-9 hrs)

- ENGL 221 World Literature I 3
- HIEU 201 History of Western Civilization I 3
- PSYC 210 Developmental Psychology 3

Teacher Licensure Requirements (30 hrs)

- EDUC 125 Introduction to Education / Practicum 1
- /126
- EDUC 221 Current Area Reading: Differentiated Teaching and Learning (Secondary) 1
- /235
- EDUC 360 Foundations of Education 2
- EDUC 425 Secondary Measurement and Evaluation 3
- EDUC 435 Secondary Curriculum / Practicum 2
- /436
- ENGL 419 Methods and Materials in Teaching 2
- /420 English / Practicum 1

Professional Semester

- EDUC 475 Seminar in Classroom Management 2
Spanish Major (B.A.)

**General Education Requirements (55 hrs)**

<table>
<thead>
<tr>
<th>Courses in the Major (36 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 301 Advanced Spanish Conversation and Grammar</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 302 Advanced Composition and Conversation</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 304 Civilization and Culture of Latin America – OR</td>
<td></td>
</tr>
<tr>
<td>SPAN 305 Introduction to Translation: Spanish-English</td>
<td>9</td>
</tr>
<tr>
<td>SPAN 321 Modern Spanish Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 450 Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 451 Directed Courses (Required) (0-9 hrs)*</td>
<td></td>
</tr>
<tr>
<td>ENGL 221 World Literature I – OR</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 222 World Literature II</td>
<td>3</td>
</tr>
<tr>
<td>HIEU 201 History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td><strong>Free Electives (0-29 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Graduation Requirements (2 hrs minimum)</strong></td>
<td>2-3</td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td></td>
</tr>
</tbody>
</table>

* These approved General Education courses may be counted in Foundational/Investigative Studies.

** TOTAL HOURS:** 120 hours minimum; at least 33 hours must be 300-400 level.

**Spanish Major (B.A.) Teacher Licensure Requirements**

**Endorsement: Spanish (PreK-12)**

**General Education Requirements (55 hrs)**

<table>
<thead>
<tr>
<th>Courses in the Major (36 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 221 World Literature I – OR</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 222 World Literature II</td>
<td>3</td>
</tr>
<tr>
<td>HIEU 201 History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 210 Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Teacher Licensure Requirements (30 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>EDUC 125 Introduction to Education / Practicum</td>
<td>1</td>
</tr>
<tr>
<td>/126</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 221 Content Area Reading/ Thinking/ Study Skills (Secondary)</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 235 Instructional Design: Secondary / Practicum</td>
<td>1</td>
</tr>
<tr>
<td>/236</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 360 Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 425 Secondary Measurement and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 435 Secondary Curriculum Fundamentals / Practicum</td>
<td>2</td>
</tr>
<tr>
<td>/436</td>
<td>1</td>
</tr>
</tbody>
</table>

**Graduation Requirements (2 hrs minimum)**

| CRST 290 History of Life | 2-3 |

* Teacher Licensure students who complete Student Teaching do not need to take TESL 499.

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

**Spanish Major (B.A.) Teacher Licensure Requirements**

**Endorsement: Teaching English as a Second Language (B.A.)**

**General Education Requirements (55 hrs)**

<table>
<thead>
<tr>
<th>Courses in the Major (36 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 350 Advanced Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 364 History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 456 Advanced Studies in World Literature</td>
<td>3</td>
</tr>
<tr>
<td>LING 213 Introduction to Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>LING 305 Linguistics Analysis</td>
<td>3</td>
</tr>
<tr>
<td>LING 453 World Languages</td>
<td>3</td>
</tr>
<tr>
<td>TESL 333 Modern Grammar</td>
<td>3</td>
</tr>
<tr>
<td>TESL/SPAN 403 Second Language Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>TESL 405 Issues and Practices in Teaching English</td>
<td>3</td>
</tr>
<tr>
<td>TESL/SPAN Methodology and Curriculum in Teaching</td>
<td>2</td>
</tr>
<tr>
<td>419/420 Modern Languages / Practicum</td>
<td>1</td>
</tr>
<tr>
<td>TESL 499 TES/FL Internship*</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 340 Human Societies: A Global View</td>
<td>3</td>
</tr>
<tr>
<td>FREN 304 Francophone Culture and Civilization – OR</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 304 Spanish Culture and Civilization</td>
<td>3</td>
</tr>
<tr>
<td><strong>Directed Courses (Required) (0-12 hrs)</strong>*</td>
<td></td>
</tr>
<tr>
<td>ENGL 221 World Literature I – OR</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 222 World Literature II</td>
<td>3</td>
</tr>
<tr>
<td>HIEU 201 History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HIEU 202 History of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 210 Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Free Electives (0-14 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Graduation Requirements</strong></td>
<td>2-3</td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td></td>
</tr>
</tbody>
</table>

* These approved General Education courses may be counted in Foundational/Investigative Studies.

** TOTAL HOURS:** 120 hours minimum; at least 42 hours must be 300-400 level.
EDUC 360  Foundations of Education  2
EDUC 425  Secondary Measurement and Evaluation  3
EDUC 435  Secondary Curriculum Fundamentals / Practicum  2
TESL/SPAN  Methodology and Curriculum in Teaching  2
419/420  Modern Languages / Practicum  1

**Professional Semester**
EDUC 475  Seminar in Classroom Management  2
EDUC 476  Student Teaching I  5
EDUC 477  Student Teaching II  5

**Graduation Requirements (2 hrs minimum)**
CRST 290  History of Life  2-3

* These approved General Education courses may be counted in Foundational/Investigative Studies

**TOTAL HOURS:** 132 hours minimum; at least 59 hours must be 300-400 level.

---

**English Minor**

**English Minor (15 hrs)**

Choose one from each category:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 350, 351, 352, 401, or 433</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 333 or 364</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 303, 321, 339, 340, 382, 443, or 463</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 322, 403, or 452</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 311, 342, 402, 405, 422, or 432</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

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**French Minor**

**PROGRAM LEARNING OUTCOMES**
The student will be able to:

1. Communicate orally in French, demonstrating listening comprehension skills, speaking proficiency, correct grammar, and appropriate vocabulary.
2. Demonstrate written communication skills, including the ability to produce clear, logical, and grammatically and syntactically appropriate French-language compositions.

**French Minor* (15 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 102</td>
<td>Elementary French II*</td>
<td>3</td>
</tr>
<tr>
<td>FREN 201</td>
<td>Intermediate French I</td>
<td>3</td>
</tr>
<tr>
<td>FREN 202</td>
<td>Intermediate French II</td>
<td>3</td>
</tr>
<tr>
<td>FREN Electives (300-400 level)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

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

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**Linguistics Minor**

**Linguistics Minor (18 hrs)**

**Foundations:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 213</td>
<td>Introduction to Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>LING 305</td>
<td>Linguistics Analysis</td>
<td>3</td>
</tr>
<tr>
<td>LING 451</td>
<td>Phonetics and Phonology</td>
<td>3</td>
</tr>
<tr>
<td>LING 452</td>
<td>Morphology and Syntax</td>
<td>3</td>
</tr>
</tbody>
</table>

**Application: Choose two courses (6 hrs):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LING 280</td>
<td>Field Language Learning</td>
<td>3</td>
</tr>
<tr>
<td>LING 300</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>LING 453</td>
<td>World Languages</td>
<td>3</td>
</tr>
</tbody>
</table>

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**Spanish Minor**

**Spanish Minor* (15 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 102</td>
<td>Elementary Spanish II*</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 202</td>
<td>Intermediate Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN Electives (upper level 300-400)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

* Those students with prior language study are encouraged to consider CLEP for lower level language credits.
Department of Family and Consumer Sciences

Mary Simpson, B.S., M.B.A.
Chair, Department of Family and Consumer Sciences
Assistant Professor of Family and Consumer Sciences

FACULTY
Professor
Glaze
Assistant Professor
Gomes, Howard, Kitchel, Simpson
Instructor
Benoit

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.

Family and Child Development Major
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Apply developmental theories within family systems.
2. Evaluate issues regarding family structures, parenting and child development.
3. Develop a strategic plan of management and implementation of a child education program.
4. Communicate as an educator of a child education program.

Family and Consumer Sciences Major
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Create a pre-design or original design using sewing construction techniques.
2. Analyze the contents of foods for proper nutrition.
3. Evaluate issues regarding family structures, parenting and child development.
4. Plan programs within communities that deal with family and consumer issues.
5. Communicate as a leader and an educator of family and consumer sciences issues.

Fashion Merchandising and Interiors Major
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Communicate as a marketer and merchandiser in the business world.
2. Evaluate fibers and fabrics for intended use.
3. Apply business principles and practices to planning and evaluations.
4. Create a pre-design or original design using sewing construction techniques.
5. Evaluate interior spaces based on ergonomic design.

6. Create interior spaces based on the principles and elements of design, function and selection of material, and appropriate to the needs of the consumer.

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/угuide.

INTERNSHIPS
Advisor: Matalie Howard, B.S., M.S.
Internships (FACS 499) are required for all FACS majors. Students must be of Senior status, FACS major and must have completed 21 hours of major course work.

FACS ASSOCIATION
Advisor: Matalie Howard, B.S., M.S.
The Family and Consumer Sciences (FACS) Association is a pre-professional student organization the purpose of which is to promote student involvement in the profession throughout the University and the community. The FACS Club offers students opportunities for leadership, friendship, ministry, and career exploration. Officers are elected each spring for the following academic year. The FACS Club sponsors University activities, community projects, club meetings with special speakers, support for all FACS majors and is an exciting springboard for professional involvement.

INTERIOR DESIGN SOCIETY
Advisor: Ruth Gomes, B.S., M.S.
The purpose of the Interior Design Society (IDS) student chapter is to offer interior design students professional opportunities and exposure within the interior design industry. Liberty University is the first student chapter (2008) in the United States. The student chapter is a part of the large IDS professional organization which is the largest residential design organization in the country. The student chapter promotes student involvement in the profession throughout the University and community. The IDS offers students opportunities for leadership, friendship, professional experience, and exposure to the interior design industry which includes field trips to places such as the Furniture Market in High Point, NC.

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

The purpose of the society is symbolized in its name,OMICRON GAMMA PHI. Omicron represents the first letter in the Greek word for family. Gamma is the first letter in the word for science. Phi is the first letter in the word for light. Omicron Gamma signifies that Family and Consumer Sciences is an applied science. The Phi signifies the Christian aspect of the Honor Society.

The purpose of the society is threefold. First, Omicron Gamma Phi encourages and recognizes excellence in scholastic achievement. Second, it seeks to maintain a Christian worldview through the integration of biblical principles with academic content. Third, the society encourages service by the membership.

Criteria for membership:
A student must have:
1. 3.00 cumulative GPA;
2. 45 hours completed; and
3. A major in the FACS department.
Career Opportunities

Clothing/Textiles
- Designer or Assistant Designer
- Fashion Coordinator/Buyer
- Manager of Apparel Store
- Manufacturer Representative
- Owner of an Alterations and Sewing Service

Consumer Economics/Management
- Consumer Education Consultant
- Free-Lance Journalist
- Manufacturer’s Representative in Industry
- Public Relations Specialist
- Research Specialist

Foods/Nutrition
- Dining Supervisor
- Dining Room Manager
- Director of Quality Control
- Food Service Director
- Restaurant Manager

Human Development/Family
- Commission of Aging Worker/Director
- Elder/Child Day Care Administrator
- 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 Child Development Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (55 - 57 hrs)</th>
<th>Courses in the Major (42 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 103 Introduction to Family and Consumer</td>
<td>1</td>
</tr>
<tr>
<td>Sciences</td>
<td></td>
</tr>
<tr>
<td>FACS 205 Development of Contemporary Families</td>
<td>3</td>
</tr>
<tr>
<td>FACS 260 Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>FACS 330 (or HLTH 330) Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>FACS 350 Family Economic Decisions</td>
<td>3</td>
</tr>
<tr>
<td>FACS 365 Daycare Administration</td>
<td>3</td>
</tr>
<tr>
<td>FACS 370 Parenting</td>
<td>3</td>
</tr>
<tr>
<td>FACS 403 Professional Development</td>
<td>2</td>
</tr>
<tr>
<td>FACS 455 Balancing Work and Family</td>
<td>3</td>
</tr>
<tr>
<td>FACS 475 Families Under Stress</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499 Family/Consumer Internship</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Choose four courses (12 hrs) from the following:

- [9 hrs must be upper level]
- [Two courses (6 hrs) must be upper level]

Directed Courses (Required) (0-10 hrs)
- BIOL 102 Principles of Human Biology: 3
- PSYC 210 Developmental Psychology: 3

Free Electives (0-22 hrs)
- Graduation Requirements: 3
- * CRST 290 History of Life: 2-3

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

Family and Consumer Sciences Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (55 - 57 hrs)</th>
<th>Courses in the Major (36 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 103 Introduction to Family and Consumer</td>
<td>1</td>
</tr>
<tr>
<td>Sciences</td>
<td></td>
</tr>
<tr>
<td>FACS 130 Introduction to Food Safety and Hospitality</td>
<td>3</td>
</tr>
<tr>
<td>FACS 205 Development of Contemporary Families</td>
<td>3</td>
</tr>
<tr>
<td>FACS 221 Design and Construction I for Interiors</td>
<td>3</td>
</tr>
<tr>
<td>FACS 403 Professional Development</td>
<td>2</td>
</tr>
<tr>
<td>FACS 455 Balancing Work and Family</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499 Family/Consumer Internship</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Directed Courses (Required) (0-10 hrs)
- BIOL 102 Principles of Human Biology: 3
- PSYC 210 Developmental Psychology: 3

Free Electives (0-28 hrs) [9 hours must be upper level]
- Graduation Requirements: 3
- * CRST 290 History of Life: 2-3

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)

<table>
<thead>
<tr>
<th>General Education Requirements (55 - 57 hrs)</th>
<th>Courses in the Major (33 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 103 Introduction to Family and Consumer</td>
<td>1</td>
</tr>
<tr>
<td>Sciences</td>
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<td>FACS 205 Development of Contemporary Families</td>
<td>3</td>
</tr>
<tr>
<td>FACS 221 Design and Construction I for Interiors</td>
<td>3</td>
</tr>
<tr>
<td>FACS 403 Professional Development</td>
<td>2</td>
</tr>
</tbody>
</table>

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

* CRST 290 can be included as Elective hours

**Liberty University Undergraduate Catalog – 2011-2012**
### Fashion Merchandising and Interiors Major (B.S.)

#### General Education Requirements (55 - 57 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 103</td>
<td>Course Title</td>
<td>1</td>
</tr>
<tr>
<td>FACS 205</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 221</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 222</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 240</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 320</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 350</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 403</td>
<td>Course Title</td>
<td>2</td>
</tr>
<tr>
<td>FACS 455</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 103</td>
<td>Course Title</td>
<td>1</td>
</tr>
<tr>
<td>FACS 205</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 221</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 222</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 240</td>
<td>Course Title</td>
<td>3</td>
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<tr>
<td>FACS 320</td>
<td>Course Title</td>
<td>3</td>
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<td>FACS 350</td>
<td>Course Title</td>
<td>3</td>
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<tr>
<td>FACS 403</td>
<td>Course Title</td>
<td>2</td>
</tr>
<tr>
<td>FACS 455</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Directed Courses (Required) (18-28 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>B102</td>
<td>Principles of Human Biology*</td>
<td>3</td>
</tr>
<tr>
<td>NAT SCI LAB*</td>
<td>Course Title</td>
<td>1</td>
</tr>
<tr>
<td>ECON 110</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>ECON 214</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 210</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 210</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 211</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 301</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 310</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 330</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>BUSI Elective</td>
<td>Course Title</td>
<td></td>
</tr>
</tbody>
</table>

#### Free Electives (0-10 hrs)

### Graduation Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST 290</td>
<td>History of Life</td>
<td>2-3</td>
</tr>
</tbody>
</table>

*CRST 290 can be included as Elective hours

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

### Family and Consumer Sciences Minors

#### Family and Consumer Sciences Minor

**General (16 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 103</td>
<td>Course Title</td>
<td>1</td>
</tr>
<tr>
<td>FACS 130</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 205</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 221</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 222</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 230</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 330</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 350</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 403</td>
<td>Course Title</td>
<td>2</td>
</tr>
<tr>
<td>FACS 499</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

**Foods and Nutrition (15 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 222</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 320</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 335</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 420</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 490</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 495</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

**Clothing and Textiles (15 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 222</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 320</td>
<td>Course Title</td>
<td>3</td>
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<tr>
<td>FACS 325</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 420</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 425</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 490</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 495</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 205</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 260</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 370</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 365</td>
<td>Care and Administration</td>
<td>3</td>
</tr>
<tr>
<td>FACS 475</td>
<td>Families Under Stress</td>
<td>3</td>
</tr>
<tr>
<td>FACS 490</td>
<td>Special Projects</td>
<td>3</td>
</tr>
<tr>
<td>FACS 495</td>
<td>Directed Research</td>
<td>3</td>
</tr>
<tr>
<td>FACS 499</td>
<td>Family/Consumer Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Family/Consumer Internship**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 330</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 330</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 350</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

**Family Economic Decisions**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FACS 330</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 330</td>
<td>Course Title</td>
<td>3</td>
</tr>
<tr>
<td>FACS 350</td>
<td>Course Title</td>
<td>3</td>
</tr>
</tbody>
</table>

**Family and Consumer Sciences Minor**

*CRST 290 can be included as Elective hours*
**Department of 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**

Distinguished Professor  
Rist

Professor  
Schultz, Snead

Associate Professor  
Blass, Davis, M.A., Mann, Melton, Saxon, Smith, S.C.

Assistant Professor  
Donald, 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 provides comprehensive instruction in history and historical methodology, encourages students to develop an integrated Christian worldview and an appreciation for America’s cultural distinctives, equips them for service, and prepares them for further education and careers.

**History Major (B.A. and B.S.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:
1. Demonstrate mastery of a breadth of general knowledge of the field of history.
2. Apply biblical principles to the problems and issues of history.
3. Research historical topics and critically analyze historical literature, documents and data with historiographical and interpretative sophistication.
4. Convey and analyze ideas in writing.
5. Evaluate the significance of world societies and cultures.

**Social Sciences Major (B.S.)**

**PURPOSE**

The Social Sciences major is designed to have a core in history with additional coursework in geography, government, and economics.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:
1. Gain knowledge about other cultures so that a student can break the ties of provincialism.

**PROGRAMS OF STUDY**

<table>
<thead>
<tr>
<th>History Major (B.A.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (55 hrs)</strong></td>
</tr>
<tr>
<td>Language (12 hrs) Must be one language</td>
</tr>
<tr>
<td><strong>Major Core (9 hrs)</strong></td>
</tr>
<tr>
<td>HIUS 221 Survey of American History I</td>
</tr>
<tr>
<td>HIUS 222 Survey of American History II</td>
</tr>
<tr>
<td>HIST 300 Historical Methodology</td>
</tr>
<tr>
<td><strong>Concentration: History (27 hrs)</strong></td>
</tr>
<tr>
<td>(All History courses must be upper level)</td>
</tr>
<tr>
<td>HIST Electives (300-400 level)</td>
</tr>
<tr>
<td>HIST 490 Senior Seminar</td>
</tr>
<tr>
<td><strong>Directed Courses (Required) (6-9 hrs)</strong></td>
</tr>
<tr>
<td>GEOG 200 Introduction to Geography*</td>
</tr>
<tr>
<td>Choose two courses (6 hrs) from the following:</td>
</tr>
<tr>
<td>ECON 110 Survey of Economics*</td>
</tr>
<tr>
<td>ECON 213 Principles of Microeconomics*</td>
</tr>
<tr>
<td>ECON 214 Principles of Macroeconomics*</td>
</tr>
</tbody>
</table>

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**Career Opportunities**

- Archaeologist
- Architectural Historian
- Archival Management
- Bibliographer
- Data Processor for
- Investment Firms
- Diplomat
- Genealogist
- Historian for Government Agencies
- Historian for Business Corporations
- Historical Editor
- Historical Preservationist
- Information Consultant
- Lawyer
- Market Researcher
- Oral Historian
- Manager of Historical Societies
- Public Policy Director
- Records and Information
- Manager
- Research Assistant
- Research/Reference Librarian
- Researcher/Writer for Historical Films
- Researcher/Writer for Media Social Scientist
- Teacher

---

**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.
**History Major (B.S.)**

**General Education Requirements (55 hrs)**

**Major Core (12 hrs)**
- HIUS 221 Survey of American History I 3
- HIUS 222 Survey of American History II 3
- HIST 300 Historical Methodology 3
- HIST 490 Senior Seminar 3

**Concentration: History (27 hrs)**

(All History courses must be upper level)
- HIST Electives (300-400 level)\(^1\) 27

**Directed Courses (Required) (6-12 hrs)**
- HIEU 201 History of Western Civilization I 3
- HIEU 202 History of Western Civilization II 3

Choose two courses (6 hrs) from the following:
- ECON 110 Survey of Economics\(^*\) 3
- ECON 213 Principles of Microeconomics\(^*\) 3
- ECON 214 Principles of Macroeconomics\(^*\) 3
- GOVT 220 American Government\(^*\) 3
- GEG 420 Regional Studies in Geography 3

**Free Electives (0-20 hrs)**

**Graduation Requirements**
- CRST 290 History of Life** 2-3

\(^1\) 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.

\(^*\) Approved General Education courses may be counted in Foundational/Investigative Studies

\(^**\) CRST 290 may be included in elective hours

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

---

**Social Sciences Major (B.S.)**

**General Education Requirements (55 hrs)**

**History Requirements (15 hrs)**
- HIUS 221 Survey of American History I 3
- HIUS 222 Survey of American History II 3
- HIWD 470 Comparative Civilizations 3
- HIST 419 Secondary Social Studies Teaching 3
- HIST 490 Senior Seminar 3

**History Cluster Courses (15 hrs)**
- HIST Electives (300-400 level)\(^1\) 15

**Government Courses (6 hrs)**
- GOVT 220 American Government 3
- GOVT Elective (upper level) 3

**Economics/Geography Support Courses (9 hrs)**
- ECON 213 Principles of Microeconomics 3
- GEOG 420 Introduction to Geography 3
- GEOG Elective (upper level) 3

**Directed Courses (Required) (6 hrs)**
- GOVT 200 Constitutional Government and Free Enterprise 3
- HIEU 201 History of Western Civilization I** 3
- HIEU 202 History of Western Civilization II** 3

**Free Electives (0-20 hrs)**

**Graduation Requirements**
- CRST 290 History of Life** 2-3

\(^1\) At least one course to be selected from the five clusters in early Europe, modern Europe, United States before 1865, United States since 1865 and Third World.

\(^*\) Approved General Education courses may be counted in Foundational/Investigative Studies

\(^**\) CRST 290 may be included in elective hours

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

---

**Teacher Licensure Requirements – Endorsement: Social Sciences (Grades 6-12)**

**General Education Requirements (55 hrs)**

**History Requirements (12 hrs)**
- HIUS 221 Survey of American History I 3
- HIUS 222 Survey of American History II 3
- HIWD 470 Comparative Civilizations 3
- HIST 490 Senior Seminar 3

**History Cluster Courses (15 hrs)**
- HIST Electives (300-400 level)\(^1\) 15

**Government Courses (6 hrs)**
- GOVT 220 American Government 3
- GOVT Elective (upper level)\(^*\) 3

\(^*\) Students should take American Government courses

**Economics/Geography Support Courses (9 hrs)**
- ECON 213 Principles of Microeconomics 3
- GEOG 420 Introduction to Geography 3
- GEOG Elective (300-400 level) 3

**Directed Courses (Required) (6 hrs)**
- HIEU 201 History of Western Civilization I** 3
- HIEU 202 History of Western Civilization II** 3
- PSYC Developmental Psychology 3
- GOVT 200 Constitutional Government and Free Enterprise* 3

**Teacher Licensure Requirements (30 hrs)**
- EDUC 125 Introduction to Education / Practicum 1
- /126
- EDUC 221 Content Area Reading and Differentiated Teaching and Learning (Secondary) 2
- /236
- EDUC 235 Instructional Design: Secondary / Practicum 1
- /236
- EDUC 360 Foundations of Education 2
- EDUC 425 Secondary Measurement and Evaluation 3
- EDUC 435 Secondary Curriculum / Practicum 2
- /436
- HIST 419 Secondary Social Studies Teaching 2
- /420 Methods/Practicum
- /420

**Professional Semester**
- EDUC 475 Seminar in Classroom Management 2
- EDUC 476 Student Teaching I 5
- EDUC 477 Student Teaching II 5

**Graduation Requirements (2 hrs minimum)**
- CRST 290 History of Life** 2-3

\(^1\) At least one course to be selected from the five clusters in early Europe, modern Europe, U.S. before 1865, U.S. since 1865 and Third World.
History Minor

<table>
<thead>
<tr>
<th>History Minor (15 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>History Survey (200 level)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 300 Historical Methodology</td>
<td>3</td>
</tr>
<tr>
<td>HIST Electives (300-400 level)</td>
<td>9</td>
</tr>
</tbody>
</table>

* Approved General Education courses may be counted in Foundational/Investigative Studies

TOTAL HOURS: 129 hours minimum required; 50 hours must be 300-400 level.

Department of Mathematics

Robert B. Young, Jr., B.S., M.S.
Chair, Department of Mathematics
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
- Putney, N., Van Voorhis, Wang

Assistant Professor
- Cook, Grayson, Spradlin, Sprano, Young, R.

Instructor
- Drambi

PURPOSE

The Department of Mathematics plans, develops and maintains quality bachelor degree programs that comply with regional accreditation standards. The Department of Mathematics also seeks to maintain efficient, cost effective strategies in the administration and delivery of its degree programs.

The Department of Mathematics offers a major and minor in mathematics. In addition, courses for general education credit are offered in physical science and physics, as well as mathematics. The purpose of the department is to provide:

1. General education courses and support courses for all students, resident and non-resident;
2. Education in both the theory and applications of the mathematical sciences for its majors;
3. An appreciation of the importance of the role the mathematical sciences play in society; and
4. Experience in the use of a Computer Algebra System (CAS) in a laboratory setting.

Mathematics Major (B.S.)

PROGRAM LEARNING OUTCOMES

The student will be able to:

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

TEACHER LICENSURE

Teacher preparation and endorsements in mathematics are available through the Department of Mathematics. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. The Department is NCATE accredited for teacher education. Licensure information is also available at 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 extracurricular activities. The objective of KME since its inception has been the fulfillment of its motto which is to “develop an appreciation for the beauty of mathematics.” The purposes of KME are to further the interests of mathematics in those schools which place their primary emphasis on the undergraduate program and to recognize and honor outstanding scholastic achievement among undergraduate students in mathematics.

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

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

Career Opportunities

Graduate School
Mathematics
Statistics
Actuarial Science
Applied Mathematics

Job Market
Any industry requiring problem solving and computer use
Computer Science
Data Processing
Engineering

Teaching
Private Schools
Public Schools

Programs of Study

Mathematics Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (55-57 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (39 hrs)</td>
<td></td>
</tr>
<tr>
<td>MATH 131 Calculus and Analytic Geometry I</td>
<td>4</td>
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<tr>
<td>MATH 132 Calculus and Analytic Geometry II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 133 Calculus with Mathematical Lab</td>
<td>1</td>
</tr>
<tr>
<td>MATH 200 Introduction to Mathematical Reasoning</td>
<td>2</td>
</tr>
<tr>
<td>MATH 211 Introduction to Statistical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 231 Calculus and Analytic Geometry III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 321 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 421 Elementary Abstract Algebra I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 431 Real Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH Choose one course from:</td>
<td>3</td>
</tr>
<tr>
<td>MATH 305, 332 or 334</td>
<td></td>
</tr>
</tbody>
</table>

Directed Courses (Required) (0-14 hrs)

| PHYS 231 University Physics I*          | 4      |
| PHYS 232 University Physics II*         | 4      |
| CSCI 110 Computing Foundations and Ethics* | 3     |
| CSCI 111 Introduction to Programming*   | 3      |

Free Electives (12-24 hrs)

Graduation Requirements
CRST 290 History of Life** 2-3

NOTE: MATH 401 or 422 must be part of the degree program
* Approved General Education courses may be counted in Foundational/Investigative Studies
** CRST 290 may be included in elective hours

TOTAL HOURS: 120 hours minimum required; 33 hours must be 300-400 level.

Teacher Licensure Requirements

Endorsement: Mathematics (Grades 6 – 12)

General Education Requirements (55-57 hrs)

<table>
<thead>
<tr>
<th>Courses in the Major (39 hrs)</th>
<th></th>
</tr>
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</table>
| MATH 131 Calculus and Analytic Geometry I | 4
| MATH 132 Calculus and Analytic Geometry II | 4
| MATH 133 Calculus with Mathematical Lab | 1
| MATH 200 Introduction to Mathematical Reasoning | 2
| MATH 211 Introduction to Statistical Analysis | 3
| MATH 231 Calculus and Analytic Geometry III | 4
| MATH 301, 302, 350, 352 or 401 | |

Directed Courses (Required) (0-17 hrs)

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

Teacher Licensure Requirements (30 hrs)

| EDUC 125 Introduction to Education / Practicum | 1/26 | 1 |
| EDUC 221 Content Area Reading and Differentiated Teaching and Learning (Secondary) | 2 |
| EDUC 235 Instructional Design: Secondary / Practicum | 1/236 | 2 |
| EDUC 360 Foundations of Education | 2 |
| EDUC 425 Secondary Measurement and Evaluation | 3 |
| EDUC 435 Secondary Curriculum / Practicum | 2/436 |
| MATH 419/420 Teaching Mathematics in Secondary Schools / Practicum | 2/420 |

Professional Semester

| EDUC 475 Seminar in Classroom Management | 2 |
| EDUC 476 Student Teaching I | 5 |
| EDUC 477 Student Teaching II | 5 |

Graduation Requirements (2 hr minimum)
CRST 290 History of Life 2-3

* Approved General Education courses may be counted in Foundational/Investigative Studies
Mathematics Minor

Mathematics Minor (23 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 131</td>
<td>Calculus and Analytic Geometry I</td>
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<td>Introduction to Statistical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH Electives</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>MATH 231 and 6 hours 300-400 level courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td>9 hours 300-400 level courses</td>
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</tbody>
</table>

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<td>MATH Electives</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>MATH 231 and 6 hours 300-400 level courses</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Department of Music and Humanities

John W. Hugo, B.Mus., M.M., M.M., D.M.A.
Chairman, Department of Music and Humanities
Professor of Music

FACULTY

Professor
Babcock, Ehrman, Hugo, Kompelien, Wellman

Associate Professor
Beavers, S., Chiarizzio, Foley, R., Granger, Kerr, Super

Assistant Professor
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 three 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 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.
5. Communicate effectively about music in oral and written formats.

Students who select the Performance Elective will be able to:

- Demonstrate advanced performance skills in appropriate performance media.

Choral Concentration

The student will be able to:

- Demonstrate functional skills in choral arranging, application of vocal diction principles to performance, and functional performance skills in voice or piano.

Instrumental Concentration

The student will be able to:

- Demonstrate functional skills in orchestration, basic performance skills with orchestral instruments, and functional performance skills in a specific orchestral instrument or in piano.
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 concentration, 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/forms_and_handbooks/2010-2012%20MUHU%20Official%20Handbook.pdf.

Students are encouraged to audition for faculty members during the 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 before graduation 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.

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.

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

- Choral Concentration, Vocal Emphasis
- Choral Concentration, Keyboard Emphasis
- Choral Concentration, Guitar Emphasis
- Instrumental Concentration, Instrumental Emphasis
- Instrumental Concentration, Keyboard Emphasis
- Instrumental Concentration, Guitar Emphasis

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Music Major (B.M.)

Teacher Licensure Requirements

Choral Concentration: Keyboard Emphasis

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Choral Concentration with Keyboard Emphasis take the following courses:

### Concentration Courses (9 hrs)
- MUSC 121~ Voice (Freshman) 2
- MUSC 221~ Voice (Sophomore) 2
- MUSC 318 Choral Arranging 2
- MUSC 393 Vocal Diction 3

### Private Instruction (7 hrs)
- MUSC 141~ Keyboard Instruments (Freshman) 2
- MUSC 241~ Keyboard Instruments (Sophomore) 2
- MUSC 341~ Keyboard Instruments (Junior) 2
- MUSC 441 Keyboard Instruments (Senior) 1

### Ensemble (7 hrs) Full time students must register for a major ensemble
- MUSC 180, 181, or 182 [four semesters] 4
- MUSC 480, 481, or 482 [three semesters] 3

### Free Electives (18 hrs) [12 hours must be upper level]*
- CRST 290 may be included in elective hours

**TOTAL HOURS:** 123 hours minimum required; 34 hours must be 300-400 level.

Music Major (B.M.)

Choral Concentration: Keyboard Emphasis / Performance

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Choral Concentration with Keyboard Emphasis/Performance take the following courses:

### Concentration Courses (9 hrs)
- MUSC 121~ Voice (Freshman) 2
- MUSC 221~ Voice (Sophomore) 2
- MUSC 318 Choral Arranging 2
- MUSC 393 Vocal Diction 3

### Private Instruction (7 hrs)
- MUSC 141~ Keyboard Instruments (Freshman) 2
- MUSC 241~ Keyboard Instruments (Sophomore) 2
- MUSC 341~ Keyboard Instruments (Junior) 2
- MUSC 441 Keyboard Instruments (Senior) 1

### Ensemble (7 hrs) Full time students must register for a major ensemble
- MUSC 180, 181, or 182 [four semesters] 4
- MUSC 480, 481, or 482 [three semesters] 3

### Free Electives (18 hrs) [12 hours must be upper level]*
- CRST 290 may be included in elective hours

**TOTAL HOURS:** 123 hours minimum required; 34 hours must be 300-400 level.

Music Major (B.M.)

Teacher Licensure Requirements

Choral Concentration: Keyboard Emphasis

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Choral Concentration with Keyboard Emphasis take the following courses:

### Concentration Courses (9 hrs)
- MUSC 121~ Voice (Freshman) 2
- MUSC 221~ Voice (Sophomore) 2

**TOTAL HOURS:** 139 hours minimum required; 47 hours must be 300-400 level.
Music Major (B.M.)
Choral Concentration: Vocal Emphasis
In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Choral Concentration with Vocal Emphasis take the following courses:

### Concentration Courses (9 hrs)
- MUSC 141~ Keyboard Instruments (Freshman) 2
- MUSC 241~ Keyboard Instruments (Sophomore) 2
- MUSC 318 Choral Arranging 2
- MUSC 393 Vocal Diction 3

### Private Instruction (7 hrs)
- MUSC 121~ Voice (Freshman) 2
- MUSC 221~ Voice (Sophomore) 2
- MUSC 321~ Voice (Junior) 2
- MUSC 421 Voice (Senior) [1 hr, first semester] 2

### Ensemble (7 hrs)
Full time students must register for a major ensemble except in the Professional Semester
- MUSC 180, 181, or 182 [four semesters] 4
- MUSC 480, 481, or 482 [three semesters] 3

### Free Electives (18 hrs) [12 hours must be upper level]*
- These courses are taken one hour each of two semesters
- CRST 290 may be included in elective hours

### TOTAL HOURS: 123 hours minimum required; 34 hours must be 300-400 level.

Music Major (B.M.)
Teacher Licensure Requirements

### Choral Concentration: Vocal Emphasis
In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Choral Concentration with Vocal Emphasis/Teacher Licensure take the following courses:

### Concentration Courses (9 hrs)
- MUSC 141~ Keyboard Instruments (Freshman) 2
- MUSC 241~ Keyboard Instruments (Sophomore) 2
- MUSC 318 Choral Arranging 2
- MUSC 393 Vocal Diction 3

### Private Instruction (13 hrs)
- MUSC 121 Voice (Freshman) [1 hr first semester, 2 hrs second semester] 3
- MUSC 221 Voice (Sophomore) [2 hrs each of two semesters] 4
- MUSC 321 Voice (Junior) [2 hrs first semester, 1 hr second semester] 3
- MUSC 421 Voice (Senior) [2 hrs first semester, 1 hr second semester] 3

### Ensemble (7 hrs)
Full time students must register for a major ensemble except in the Professional Semester
- MUSC 180, 181, or 182 [four semesters] 4
- MUSC 480, 481, or 482 [three semesters] 3

### Free Electives (11 hrs) [8 hours must be upper level]*
- These courses are taken one hour each of two semesters
- CRST 290 may be included in elective hours

### TOTAL HOURS: 123 hours minimum required; 34 hours must be 300-400 level.
**Music Major (B.M.)**

**Instrumental Concentration: Guitar Emphasis**

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Guitar Emphasis take the following courses:

**Concentration Courses (10 hrs)**

- MUSC 309 Orchestration
- MUSC 355 Brass Class
- MUSC 357 Woodwind Class
- MUSC 363 Percussion Class
- MUSC 374 String Class

**Private Instruction (10 hrs)**

- MUSC 151~ Guitar (Freshman) [2 hrs first semester; 1 hr second semester]
- MUSC 251~ Guitar (Sophomore) [2 hrs each of 2 semesters]
- MUSC 351~ Guitar (Junior) [2 hrs first semester; 1 hr second semester]
- MUSC 451 Guitar (Senior) [2 hrs first semester; 1 hr second semester]
- MUSC 477 Guitar Pedagogy

**Ensemble (7 hrs)**

- Full time students must register for a major ensemble
- MUSC 183, 184, 185, or 194 [two semesters]
- MUSC 179 Guitar Ensemble I [two semesters]
- MUSC 479 Guitar Ensemble II [three semesters]

**Free Electives (16 hrs) [4 hours must be upper level]*

- CRST 290 may be included in elective hours

**TOTAL HOURS:** 125 hours minimum required; 34 hours must be 300-400 level.

---

**Teacher Licensure Requirements**

**Instrumental Concentration: Guitar Emphasis**

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Guitar Emphasis/Teacher Licensure take the following courses:

**Concentration Courses (10 hrs)**

- MUSC 309 Orchestration
- MUSC 355 Brass Class
- MUSC 357 Woodwind Class
- MUSC 363 Percussion Class
- MUSC 374 String Class

**Private Instruction (10 hrs)**

- MUSC 151~ Guitar (Freshman) [2 hrs first semester; 1 hr second semester]
- MUSC 251~ Guitar (Sophomore) [2 hrs each of 2 semesters]
- MUSC 351~ Guitar (Junior) [2 hrs first semester; 1 hr second semester]
- MUSC 451 Guitar (Senior) [2 hrs first semester; 1 hr second semester]
- MUSC 477 Guitar Pedagogy

**Ensemble (7 hrs)**

- Full time students must register for a major ensemble
- MUSC 183, 184, 185, or 194 [two semesters]
- MUSC 179 Guitar Ensemble I [two semesters]
- MUSC 479 Guitar Ensemble II [three semesters]

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

- PSYC 210 Developmental Psychology

**Teacher Licensure Requirements (29 hrs)**

- EDUC 125/126 Introduction to Education / Practicum
- EDUC 221 Content Area Reading and Differentiated Teaching and Learning (Secondary)
- EDUC 235/236 Instructional Design: Secondary / Practicum
- EDUC 360 Foundations of Education
- MUSC 390 Foundations of Vocal Technique
- MUSC 437/438 Elementary Music Methods and Materials / Practicum
- MUSC 490/491 Secondary Music Methods and Materials / Practicum

**TOTAL HOURS:** 140 hours minimum required; 52 hours must be 300-400 level.

---

**Music Major (B.M.)**

**Instrumental Concentration: Keyboard Emphasis**

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Keyboard Emphasis take the following courses:

**Concentration Courses (10 hrs)**

- MUSC 309 Orchestration
- MUSC 355 Brass Class
- MUSC 357 Woodwind Class
- MUSC 363 Percussion Class
- MUSC 374 String Class

**TOTAL HOURS:** 125 hours minimum required; 34 hours must be 300-400 level.
### Music Major (B.M.)
#### Instrumental Concentration: Keyboard Emphasis / Performance
In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Keyboard Emphasis/Performance take the following courses:

**Concentration Courses (10 hrs)**
- **MUSC 309** Orchestration 2
- **MUSC 355** Brass Class 2
- **MUSC 357** Woodwind Class 2
- **MUSC 363** Percussion Class 2
- **MUSC 374** String Class 2

**Private Instruction (13 hrs)**
- **MUSC 141** Keyboard Instruments (Freshman) [1 hr, first semester; 2 hrs second semester] 3
- **MUSC 241** Keyboard Instruments (Sophomore) [2 hrs each of two semesters] 4
- **MUSC 341** Keyboard Instruments (Junior) [2 hrs first semester; 1 hr second semester] 3
- **MUSC 441** Keyboard Instruments (Senior) [2 hrs first semester; 1 hr second semester] 3

**Ensemble (7 hrs)**
Full time students must register for a major ensemble
- **MUSC 184**, 185, or 194 [four semesters] 4
- **MUSC 484**, 485, or 494 [three semesters] 3

**Free Electives (18 hrs)**
- These courses are taken one hour each of two semesters
- CRST 290 may be included in elective hours
- MUSC 185 or 485 is available for string majors only

**TOTAL HOURS:** 124 hours minimum required; 34 hours must be 300-400 level.

### Music Major (B.M.)
#### Instrumental Concentration: Non-Keyboard Emphasis
In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Non-Keyboard Emphasis take the following courses:

**Concentration Courses (10 hrs)**
- **MUSC 309** Orchestration 2
- **MUSC 355** Brass Class 2
- **MUSC 357** Woodwind Class 2
- **MUSC 363** Percussion Class 2
- **MUSC 374** String Class 2

**Private Instruction (7 hrs)**
- **MUSC 141** Keyboard Instruments (Freshman) 2
- **MUSC 241** Keyboard Instruments (Sophomore) 2

**Ensemble (7 hrs)**
**Full time students must register for a major ensemble**
- **MUSC 184**, 185, or 194 [four semesters] 4
- **MUSC 484**, 485, or 494 [three semesters] 3

**Directed Courses (Required) (0-3 hrs)**
- **PSYC 210** Developmental Psychology 3

**Teacher Licensure Requirements (29 hrs)**
- **EDUC 125** Introduction to Education / Practicum 1/1
- **EDUC 221** Content Area Reading and Differentiated Teaching and Learning (Secondary) 2
- **EDUC 235** Instructional Design: Secondary / Practicum 1/2
- **EDUC 360** Foundations of Education 2
- **MUSC 390** Foundations of Vocal Technique 2
- **MUSC 437** Elementary Music Methods and Materials / Practicum 1/2
- **MUSC 490** Secondary Music Methods and Materials / Practicum 1/2

**TOTAL HOURS:** 137 hours minimum required; 49 hours must be 300-400 level.

### Music Major (B.M.)
#### Teacher Licensure Requirements
**Instrumental Concentration: Keyboard Emphasis**
In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Keyboard Emphasis/Teacher Licensure take the following courses:

**Concentration Courses (10 hrs)**
- **MUSC 309** Orchestration 2
- **MUSC 355** Brass Class 2
- **MUSC 357** Woodwind Class 2
- **MUSC 363** Percussion Class 2
- **MUSC 374** String Class 2

**Private Instruction (7 hrs)**
- **MUSC 141** Keyboard Instruments (Freshman) 2
- **MUSC 241** Keyboard Instruments (Sophomore) 2

**Ensemble (7 hrs)**
**Full time students must register for a major ensemble**
- **MUSC 184**, 185, or 194 [four semesters] 4
- **MUSC 484**, 485, or 494 [three semesters] 3

**Free Electives (18 hrs)**
- These courses are taken one hour each of two semesters
- CRST 290 may be included in elective hours
- MUSC 185 or 485 is available for string majors only

**TOTAL HOURS:** 124 hours minimum required; 34 hours must be 300-400 level.
### Music Major (B.M.)

#### Instrumental Concentration: Non-Keyboard Emphasis / Performance

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Non-Keyboard Emphasis / Performance take the following courses:

**Concentration Courses (10 hrs)**
- **MUSC 309** Orchestration 2
- **MUSC 355** Brass Class 2
- **MUSC 357** Woodwind Class 2
- **MUSC 363** Percussion Class 2
- **MUSC 374** String Class 2

**Private Instruction (13 hrs)**
- **MUSC 151** Strings, Brass, Woodwinds, Percussion (Freshman) [1 hr first semester; 2 hrs second semester] 3
- **MUSC 251** Strings, Brass, Woodwinds, Percussion (Sophomore) [2 hrs each of two semesters] 4
- **MUSC 351** Strings, Brass, Woodwinds, Percussion (Junior) [2 hrs first semester; 1 hr second semester] 3
- **MUSC 451** Strings, Brass, Woodwinds, Percussion (Senior) [2 hrs first semester; 1 hr second semester] 3

**Ensemble (7 hrs)**
- Full-time students must register for a major ensemble.
- **MUSC 184**, 185, or 194 [four semesters] 4
- **MUSC 484**, 485, or 494 [three semesters] 3

**Free Electives (11 hrs)** [3 hours must be upper level]*
- *CRST 290 may be included in elective hours*
- *MUSC 185 or 484 is available for string majors only*

**TOTAL HOURS:** 124 hours minimum required; 34 hours must be 300-400 level.

### 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 (4 hrs) from the following:*
- **MUSC 355** Brass Class (2 hrs)
- **MUSC 357** Woodwind Class (2 hrs)
- **MUSC 363** Percussion Class (2 hrs)

*These courses are taken one hour each of two semesters*

### Music Major (B.M.)

#### Teacher Licensure Requirements

Instrumental Concentration: Non-Keyboard Emphasis

In addition to the Music Major General Education Requirements, Core Courses, and Graduation Requirements, students pursuing the Instrumental Concentration with Non-Keyboard Emphasis take the following courses:

**Concentration Courses (10 hrs)**
- **MUSC 309** Orchestration 2
- **MUSC 355** Brass Class 2
- **MUSC 357** Woodwind Class 2
- **MUSC 363** Percussion Class 2
- **MUSC 374** String Class 2

**Private Instruction (7 hrs)**
- **MUSC 184**, 185, or 194 [four semesters] 4
- **MUSC 484**, 485, or 494 [three semesters] 3

**Directed Courses (Required) (0-3 hrs)**
- **PSYC 210** Developmental Psychology 3

**TOTAL HOURS:** 137 hours minimum required; 49 hours must be 300-400 level.

### Music 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.

#### 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 407** Solo Vocal Literature – OR 3
- **MUSC 319** Choral Literature 3

**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** Private Instruction (2 semesters) 2
  **141 or 151**
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 in the performance area from the following:
MUSC 304 Keyboard Pedagogy
MUSC 375 String Pedagogy
MUSC 393 Vocal Diction
MUSC 477 Guitar Pedagogy

~ These courses are taken one hour each of two semesters

Department of Philosophy

Gary R. Habermas, B.R.E., M.A., Ph.D.
Chair, Department of Philosophy
Distinguished Research Professor of Apologetics and Philosophy

Edward N. Martin, B.A., M.A., Ph.D.
Co-Chair Department of Philosophy
Director, Master of Arts in Philosophical Studies
Professor of Philosophy and Theology

FACULTY
Distinguished Research Professor
Habermas
Professor
Baggett, Beck, Foreman, Hinkson, Martin, E., Provenzola
Associate Professor
Jones, M.

Philosophy and Religion Major (B.A.)

It should be observed that the B.A. in Philosophy and Religion program with a concentration in philosophy 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 and advanced studies in Philosophy, Law, Apologetics, Theology and several related areas of study.

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Conduct research using primary and secondary sources in an informed and critical way.
2. Evaluate the central concepts and arguments in the history of Western Philosophy.
4. Defend a philosophically informed worldview.

PHI SIGMA TAU – INTERNATIONAL HONOR SOCIETY IN PHILOSOPHY
Advisor: Dr. Thomas A. Provenzola

PHI SIGMA TAU has as its essential purpose to promote ties among philosophy departments in accredited institutions and students in philosophy nationally. The Society exists with the following objectives: (1) to serve as a means of awarding distinction to students having high scholarship and personal interest in philosophy; (2) to promote student interest in research and advance study in this field; (3) to provide opportunities for the publication of student research papers of merit; (4) to encourage a professional spirit and friendship among those who have displayed marked ability in this field; and (5) to popularize interest in philosophy among the general collegiate public. The Society sponsors several colloquia and conferences, on both a local and national level, throughout the academic year.

Criteria for Membership:
Undergraduate students are eligible for active membership if they have completed three semesters of college course work, are ranked in the upper 35% of their class, and have completed (or are registered in) at least two semester courses (six credit hours) in philosophy with a mean overall grade which is greater than a 3.00.
Graduate members are eligible if they (a) meet the requirements for undergraduates, or (b) have completed at least one third of the residence requirements of the Master's Degree with a mean grade of 3.50.

**Career Opportunities**

**Philosophy**
- Education/Teaching
- Law
- Pastor
- Counseling
- Campus/Parachurch Ministry
- Computer Science
- Hospital Ethicist
- Information Technology
- Publishing/Journalism
- Leadership & Management
- Government
- Administration

**Program of Study**

**Philosophy and Religion Major (B.A.)**

**Philosophy Concentration**

<table>
<thead>
<tr>
<th>General Education Requirements (55 hrs)</th>
<th></th>
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<tbody>
<tr>
<td>Language Requirements (12 hrs)</td>
<td>Must be one language</td>
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</table>

<table>
<thead>
<tr>
<th>Courses in the Major (21 hrs)</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>BBBL 350 Inductive Bible Study</td>
<td>3</td>
</tr>
<tr>
<td>BBBL 410 Genesis</td>
<td>3</td>
</tr>
<tr>
<td>BBBL 425 Romans</td>
<td>3</td>
</tr>
<tr>
<td>CHHI 301 History of the Christian Church I</td>
<td>3</td>
</tr>
<tr>
<td>CHHI 302 History of the Christian Church II</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 440 Philosophy of Religion</td>
<td>3</td>
</tr>
<tr>
<td>THEO 350 Fundamental Theological Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

**Philosophy Concentration Courses (21 hrs)**

| PHIL 210 Logic | 3 |
| PHIL 240 Christian Evidences | 3 |
| PHIL 301 History of Philosophy I | 3 |
| PHIL 302 History of Philosophy II | 3 |
| PHIL 303 History of Philosophy III | 3 |
| PHIL 350 Ethics | 3 |
| PHIL 497 Philosophy Seminar | 3 |

**Free Electives (11 hrs)**

**Graduation Requirements**

| CRST 290 History of Life* | 2-3 |

* CRST 290 can be included in Elective hours

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

**Philosophy Minor**

**Philosophy Minor (15 hrs)**

| PHIL 301 History of Philosophy I | 3 |
| PHIL 302 History of Philosophy II | 3 |
| PHIL 303 History of Philosophy III | 3 |
| PHIL Electives | 6 |

**Department of Psychology**

**Daniel Logan, B.S., M.A., Ed.D.**
Chair, Department of Psychology
Assistant Professor of Psychology

**Frederick Volk, B.S., M.A., Ph.D.**
Associate Chair, Department of Psychology
Associate Professor of Psychology

**Marilyn Carrilho, B.S., M.A.**
Administrative Chair, Department of Psychology
Instructor of Psychology

**Williams, Phillip; B.S., M.A.C.E.**
Administrative Chair, Psychology
Instructor of Psychology

**FACULTY – RESIDENTIAL**

**Professor**
- Anderson, L., Anderson, N., Gadomski, Jennings, Volk

**Associate Professor**
- Brown, J., Freyre, King, H., Scott, Sites

**Assistant Professor**
- Cole, Friberg, Logan, Magnuson, Vess

**Instructor**
- Warren, Williams

**Lecturer**
- Donovan

**FACULTY – ONLINE**

**Assistant Professor**
- Skidmore Straub

**Instructor**

**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.

**Psychology Major (B.S.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in the major concepts in psychology.
2. Interpret research data accurately.
3. Use critical thinking to solve problems related to behavior and mental processes.
4. Evaluate psychological concepts/theories as they relate to biblical thought.
5. Communicate effectively in written, oral, and technological formats.
6. Recognize and respect the complexity of socio-cultural and international diversity.

**Counseling, Clinical, or Research Concentration**
The student will be able to:
- Create advanced research designs.

**Counseling and Human Development Concentration**
The student will be able to:
- Evaluate developmental issues across the lifespan.

**Human Services Concentration**
The student will be able to:
- Evaluate crisis intervention techniques and issues.

**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.

**DANIEL'S PROGRAM**
**Advisor: Dr. Fred Volk**
The Daniel’s program was designed for students who have the desire and ability to pursue graduate training in psychology. Students in this program work on applied research projects under the supervision of faculty members, and have the opportunity to present findings at conferences and submit articles for publication. Students can apply for this program after completing PSYC 255, Introduction to Research, and are selected on the basis of their grades, Christian character, and faculty recommendations. This program provides students the opportunity to develop the research skills and experience that will improve their ability to gain acceptance and funding in competitive graduate programs.

**Career Opportunities**
**Counseling, Clinical, or Research Concentration**
This concentration is designed for students pursuing a career that requires a doctoral degree in counseling, psychology, educational psychology, or related field. While this concentration does prepare students for graduate study in clinical psychology and counseling, it is also excellent preparation for other areas such as industrial/organizational, applied or quantitative psychology. This concentration is also the best choice for those students planning to apply to a competitive and selective master’s program in any area of psychology.

**Counseling and Human Development Concentration**
This concentration is designed for students seeking a career as a licensed counselor or psychologist that requires a master’s degree in a licensure track graduate program (e.g., Liberty’s M.A. in Professional Counseling). Graduates have pursued careers as professional counselors (including private practice), school counselors, and school psychologists. This concentration is also a good choice for students seeking employment in child development clinics, child or adult treatment centers, adult residential centers, or in any entry level position that requires only a bachelor’s degree.

**Human Services Concentration**
This concentration is designed for students seeking employment after completing a bachelor’s degree and prepares students for entry level positions in public, church, and for-profit business settings. Graduates have obtained jobs in group homes, crisis intervention centers, sales, public affairs and administrative support. The concentration is also excellent preparation for students planning to obtain a M.A. in Human Services from Liberty’s graduate counseling program.

**Programs of Study**

### Psychology Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (55-56 hrs)</th>
<th>Psychology Major Core (21 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 255 Introduction to Research</td>
<td>3</td>
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<tr>
<td>PSYC 312 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 341 Psychology of Personality</td>
<td>3</td>
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<tr>
<td>PSYC 355 Statistics in Psychology</td>
<td>3</td>
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<tr>
<td>PSYC 430 Abnormal Psychology</td>
<td>3</td>
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<tr>
<td>PSYC 498 Senior Project – OR</td>
<td>3</td>
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<tr>
<td>PSYC 499 Internship</td>
<td>3</td>
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<tr>
<td>PSYC Elective</td>
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</tbody>
</table>

**Concentration (24 hrs)**

<table>
<thead>
<tr>
<th>Concentration Courses (24 hrs)</th>
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<tbody>
<tr>
<td>PSYC 351 Multicultural Counseling and Research Issues</td>
</tr>
<tr>
<td>PSYC 365 Psychological Foundations of Learning</td>
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<tr>
<td>PSYC 371 Theories in Counseling and Psychotherapy</td>
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<tr>
<td>PSYC 380 Physiological Psychology</td>
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<tr>
<td>PSYC 401 History and Systems of Psychology</td>
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<tr>
<td>PSYC 421 Psychological Measurement</td>
</tr>
<tr>
<td>PSYC 440 Experimental Design in Research: Application and Construction</td>
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<tr>
<td>PSYC Elective</td>
</tr>
</tbody>
</table>

**Directed Courses (Required) (0-13 hrs)**

| MATH 201 Introduction to Probability and Statistics | 3 |
| BIOL 102 Principles of Human Biology | 3 |
| BIOL 104 Principles of Human Biology Lab | 1 |
| PSYC 101 General Psychology | 3 |
| PSYC 210 Developmental Psychology | 3 |

**Free Electives (0-19 hrs)**

**Graduation Requirements**

| CRST 290 History of Life** | 2-3 |
**Approved General Education courses may be counted in Foundational/Investigative Studies**

**CRST 290 can be included as elective hours**

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

### Counseling and Human Development Concentration

**Concentration Courses (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

**Directed Courses (Required) (0-12 hrs)*
- MATH 201 Introduction to Probability and Statistics 3
- BIOL 102 Principles of Human Biology 3
- PSYC 101 General Psychology 3
- PSYC 210 Developmental Psychology 3

**Free Electives (0-20 hrs)**

**Graduation Requirements**
- CRST 290 History of Life** 2-3

* Approved General Education courses may be counted in Foundational/Investigative Studies

**CRST 290 can be included as elective hours

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

### Psychology Minor

**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

**PROGRAM LEARNING OUTCOME**
The student will be able to:
- Evaluate social dynamics within families and societies.

**Sociology Minor (15 hrs)**
- SOCI 200 Introduction to Sociology 3
- SOCI 201 Social Problems 3

**Choose three courses (9 hrs) (no more than two with PSYC prefix) from the following:**
- SOCI 313 Social Organizations
- SOCI 340 Human Societies: A Global View
- SOCI 349 Sociology of Disability
- SOCI 497 Special Topics
- SOWK 200 Introduction to Social Work and Human Services
- PSYC 305 Substance Abuse
- PSYC 312 Social Psychology
- PSYC 317 Crisis Intervention
- PSYC 336 Gerontology
- PSYC 361 Marriage and Family
- PSYC 497 Special Topics
- PSYC 499 Internship

### Human Services Concentration (24 hrs)

**Concentration Courses (24 hrs)**

**Choose one course (3 hrs) from the following:**
- PSYC 221 Psychology of Childhood – OR 3
- PSYC 231 Psychology of Adolescence – OR
- PSYC 235 Psychology of Adulthood
- PSYC 317 Crisis Intervention 3
- PSYC 361 Marriage and Family 3
- PSYC 371 Theories in Counseling and Psychotherapy 3
- PSYC 405 Group Dynamics 3
- PSYC 421 Psychological Measurement 3

**Choose one course (3 hrs) from the following:**
- PSYC 351 Multicultural Counseling and Research Issues – OR 3
- SOCI 340 Human Societies: A Global View

**Choose one course (3 hrs) from the following:**
- PSYC 305 Overview of Theory and Treatment of Substance Abuse – OR 3
- PSYC 320 Behavior Management

**Directed Courses (Required) (0-12 hrs)*
- MATH 201 Introduction to Probability and Statistics 3
- BIOL 102 Principles of Human Biology 3
- PSYC 101 General Psychology 3
- PSYC 210 Developmental Psychology 3

**Free Electives (0-20 hrs)**

**Graduation Requirements**
- CRST 290 History of Life** 2-3

* Approved General Education courses may be counted in Foundational/Investigative Studies

**CRST 290 can be included as elective hours

**TOTAL HOURS:** 120 hours minimum required; 36 hours must be 300-400 level.
Department of 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., Geffken, Nelson, C.

PURPOSE
The Department of Theatre Arts provides instruction in the theory and practice of theatre performance and production, in order to prepare students for professional stage careers, for graduate study in theatre arts, and for a life of growing appreciation for the theatre and dramatic art. Central to the departmental purpose is the development of observant, sensitive theatrical artists, who, with their skills, training, knowledge, and professional attitudes, may glorify Christ in the world through the practice of their craft and the testimony of their lives.

PROGRAM REQUIREMENTS
- Students must receive a “C” or better in all THEA classes.
- Students must earn a minimum GPA of 2.00 to participate in THEA 200, 300, or 400 classes.
- See the Department of Theatre Arts Student Handbook for more information.

Theatre Arts Major (B.A.)

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Articulate a personal aesthetic as a creative artist, grounded in the history and current practices of theatre.
2. Evaluate multiple worldviews from a biblical perspective.
3. Create original and re-interpretive theatrical work, evidenced by a consistent work ethic and respect for professional ethics.
4. Integrate research and critical thinking skills to deepen and refine the quality of artistic work.
5. Communicate effectively in written, oral, visual, and technological formats.

Performance Concentration
PROGRAM LEARNING OUTCOMES
The student will be able to
- Present a believable representation of humanity utilizing appropriate skills in technique, research and analysis.

Production Concentration
PROGRAM LEARNING OUTCOMES
The student will be able to:
- Clearly present a creative, theatrical design utilizing conceptual thought and thorough research and analysis.

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.

Career Opportunities
Actor
Art Critic
Choreographer
Director
Drama Ministry
Dramaturge
First Hand Costumer
House Manager
Law
Performing Arts
Coordinator

Play Submissions Editor
Program Director
Properties Master
Public Relations
Publishing License Agent
Script Writer
Special Events Coordinator
Speech Writer
Stage Manager
Theatre Historian
Theater Manager

ALPHA PSI OMEGA HONOR SOCIETY
Advisor: Mrs. Linda N. Cooper
Alpha Psi Omega is dedicated to recognizing and encouraging excellence in the study of theatre arts. Chapter activities provide members with opportunities for sharing and advancing their professional interests. Lectures and field trips are designed to awaken theatrical interest, and to promote interaction between students and faculty and amongst other theatre professionals.

Criteria for membership: An undergraduate student must have completed at least 15 semester hours in theatre arts (excluding performance/production credits) with a grade in all theatre courses averaging at least a 3.50 and must have a general average of at least a 3.25 in all classes. Candidates must have participated in at least seven main stage productions and be in good ethical standing with the University. All inductees must be voted into the society by a majority of the Liberty University Department of Theatre Arts faculty and staff.

Programs of Study

<table>
<thead>
<tr>
<th>Theatre Arts Major (B.A.)</th>
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<tbody>
<tr>
<td><strong>General Education Requirements (56 hrs)</strong></td>
</tr>
<tr>
<td>Language Requirements (12 hrs) Must be one language</td>
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<tr>
<td>Theatre Arts Major Core (31 hrs)</td>
</tr>
<tr>
<td>THEA 200</td>
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<td>THEA 211</td>
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<td>THEA 212</td>
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<tr>
<td>THEA 490</td>
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<tr>
<td>THEA 497</td>
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<tr>
<td><strong>Concentration (18 hrs)</strong></td>
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<tr>
<td>Additional Requirement for Major:</td>
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<td>Sophomore Hearing</td>
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<table>
<thead>
<tr>
<th>Performance Concentration</th>
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<tbody>
<tr>
<td><strong>Concentration Courses (18 hrs)</strong></td>
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<tr>
<td>MUSC 121</td>
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<td>WRSP 125</td>
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<tr>
<td>WRSP 225</td>
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<tr>
<td>THEA 460</td>
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<tr>
<td>THEA 440</td>
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<td>THEA 450</td>
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</tbody>
</table>
### Free Electives (0-4 hrs)

**Graduation Requirement**  
CRST 290  
*History of Life*  
2-3  

**TOTAL HOURS:** 120 hours minimum; at least 40 hours must be 300-400 level.

### Production Concentration (18 hrs)

<table>
<thead>
<tr>
<th>Concentration Courses (18 hrs)</th>
<th></th>
</tr>
</thead>
</table>
| THEA 320  
*Directing* | 3 |
| THEA 350  
*Writing for the Stage – OR* | 3 |
| THEA 352  
*Writing for Church Drama* | 3 |
| THEA 360  
*Costume and Makeup Design* | 3 |
| THEA 380  
*Lighting and Scene Design* | 3 |
| THEA 410  
*Drama for the Church* | 3 |
| THEA 411  
*Stage and Theater Management* | 3 |

**Free Electives (0-4 hrs)**  
**Graduation Requirement**  
CRST 290  
*History of Life*  
2-3  

**TOTAL HOURS:** 120 hours minimum; at least 41 hours must be 300-400 level.

### Theatre Arts Major (B.A.)

#### Teacher Licensure Requirements

**General Education Requirements (55 hrs)**

**Language Requirements (12 hrs)** Must be one language

**Theatre Arts Major Core (28 hrs)**

| THEA 200  
*Play Production I (2 semesters)* | 2 |
| THEA 211  
*Foundations of Theatre History I* | 3 |
| THEA 212  
*Foundations of Theatre History II* | 3 |
| THEA 220  
*Basic Acting I* | 3 |
| THEA 250  
*Voice for the Stage* | 3 |
| THEA 300  
*Play Production II (2 semesters)* | 2 |
| THEA 310  
*Basic Acting II* | 3 |
| THEA 312  
*Script Analysis* | 3 |
| THEA 400  
*Play Production III (3 semesters)* | 3 |
| THEA 490  
*Senior Project* | 3 |

**Theatre Arts Education (15 hrs)**

| THEA 320  
*Directing* | 3 |
| THEA 360  
*Costume and Makeup Design* | 3 |
| OR  
THEA 380  
*Lighting and Scene Design* | 3 |
| THEA 411  
*Stage and Theater Management* | 3 |
| THEA 420  
*Advanced Acting* | 3 |
| THEA 440  
*Stage Movement* | 3 |

**Directed Courses (required) (0-3 hrs)**

| PSYC 210  
*Developmental Psychology* | 3 |

**Teacher Licensure Requirements (30 hrs)**

| EDUC 125/126  
*Introduction to Education/ Practicum* | 1 |
| EDUC 221  
*Content Area Reading and Differentiated Teaching and Learning (Secondary)* | 2 |
| EDUC 235/236  
*Instructional Design: Secondary/Practicum* | 1 |
| EDUC 360  
*Foundations of Education* | 2 |
| EDUC 419/420  
*Secondary Teaching Methods/Practicum* | 2 |
| EDUC 425  
*Secondary Measurement and Evaluation* | 3 |
| EDUC 436/437  
*Secondary Curriculum Fundamentals/Practicum* | 2 |
| EDUC 475  
*Seminar in Classroom Management* | 2 |
| EDUC 476  
*Student Teaching I* | 5 |
| EDUC 477  
*Student Teaching II* | 5 |

**TOTAL HOURS:** 142 hours minimum; at least 58 hours must be 300-400 level.

### Theatre Arts Minor (17 hrs)

<table>
<thead>
<tr>
<th>Theatre Arts Minor (17 hrs)</th>
<th></th>
</tr>
</thead>
</table>
| THEA 200  
*Play Production (2 semesters)* | 2 |
| THEA 211  
*Foundations of Theatre History I – OR* | 3 |
| THEA 212  
*Foundations of Theatre History II* | 3 |
| THEA 220  
*Basic Acting* | 3 |
| THEA 250  
*Voice for the Stage* | 3 |
| THEA 310  
*Basic Acting II* | 3 |
| THEA 312  
*Script Analysis* | 3 |

---

**Liberty University Undergraduate Catalog – 2011-2012**

116
College of Arts and Sciences – Online Programs

Programs of Study

Psychology Major (B.S.)

General Education Requirements (39 hrs)
Courses in the Major (36 hrs)

PSYC 210 Developmental Psychology 3
PSYC 221 Psychology of Childhood 3
PSYC 231 Psychology of Adolescence 3
PSYC 255 Introduction to Research 3
PSYC 341 Psychology of Personality 3
PSYC 354 Statistics for the Social Sciences 3
PSYC 365 Psychological Foundations of Learning 3
PSYC 371 Theories in Counseling and Psychotherapy 3
PSYC 380 Physiological Psychology 3
PSYC 421 Psychological Measurement 3
PSYC 430 Abnormal Psychology 3
PSYC 499 Internship 3

Elective Courses (45 hrs) [6 hrs must be upper level]

TOTAL HOURS: 120 minimum; 30 hours of upper-level courses

Christian Counseling Cognate

General Education Requirements (39 hrs)
Courses in the Major (21 hrs)

PSYC 210 Developmental Psychology 3
PSYC 231 Psychology of Adolescence 3
PSYC 255 Introduction to Research 3
PSYC 341 Psychology of Personality 3
PSYC 354 Statistics for the Social Sciences 3
PSYC 371 Theories in Counseling and Psychotherapy 3
PSYC 421 Psychological Measurement 3
PSYC 430 Abnormal Psychology 3
PSYC 499 Internship 3

Christian Counseling Cognate (15 hrs):
CCOU 201 Introduction to Christian Counseling 3
CCOU 202 Issues of Christian Counseling 3

Choose three courses (9 hrs) from the following:
CCOU 301 Christian Counseling for Marriage and Family 3
CCOU 302 Christian Counseling for Children 3
CCOU 304 Christian Counseling for Women 3
CCOU 305 Healthy Sexuality 3

Elective Courses (45 hrs) [6 hrs must be upper level]

TOTAL HOURS: 120 minimum; 30 hours of upper-level courses

Crisis Counseling Cognate

General Education Requirements (39 hrs)
Courses in the Major (21 hrs)

PSYC 210 Developmental Psychology 3
PSYC 255 Introduction to Research 3
PSYC 341 Psychology of Personality 3
PSYC 354 Statistics for the Social Sciences 3
PSYC 371 Theories in Counseling and Psychotherapy 3
PSYC 430 Abnormal Psychology 3
PSYC 499 Internship 3

Crisis Counseling Cognate (15 hrs):
CCOU 201 Introduction to Christian Counseling 3
CCOU 202 Issues of Christian Counseling 3
CCOU 301 Christian Counseling for Marriage and Family 3
CCOU 302 Christian Counseling for Children 3
CCOU 304 Christian Counseling for Women 3
CCOU 305 Healthy Sexuality 3

Elective Courses (45 hrs) [6 hrs must be upper level]

TOTAL HOURS: 120 minimum; 30 hours of upper-level courses

Life Coaching Cognate

General Education Requirements (39 hrs)
Courses in the Major (21 hrs)

PSYC 210 Developmental Psychology 3
PSYC 231 Psychology of Adolescence 3
PSYC 255 Introduction to Research 3
PSYC 341 Psychology of Personality 3
PSYC 354 Statistics for the Social Sciences 3
PSYC 371 Theories in Counseling and Psychotherapy 3
PSYC 430 Abnormal Psychology 3
PSYC 499 Internship 3

Life Coaching Cognate (15 hrs):
CCOU 201 Introduction to Christian Counseling 3
CCOU 202 Issues of Christian Counseling 3
CCOU 301 Christian Counseling for Marriage and Family 3
CCOU 302 Christian Counseling for Children 3
CCOU 304 Christian Counseling for Women 3
CCOU 305 Healthy Sexuality 3

Elective Courses (45 hrs) [6 hrs must be upper level]

TOTAL HOURS: 120 minimum; 30 hours of upper-level courses

Substance Abuse Cognate

General Education Requirements (39 hrs)
Courses in the Major (21 hrs)

PSYC 210 Developmental Psychology 3
PSYC 231 Psychology of Adolescence 3
PSYC 255 Introduction to Research 3
PSYC 341 Psychology of Personality 3
PSYC 354 Statistics for the Social Sciences 3
PSYC 371 Theories in Counseling and Psychotherapy 3
PSYC 430 Abnormal Psychology 3
PSYC 499 Internship 3

Substance Abuse Cognate (15 hrs):
CCOU 201 Introduction to Christian Counseling 3
CCOU 202 Issues of Christian Counseling 3
CCOU 301 Christian Counseling for Marriage and Family 3
CCOU 302 Christian Counseling for Children 3
CCOU 304 Christian Counseling for Women 3
CCOU 305 Healthy Sexuality 3

Elective Courses (45 hrs) [6 hrs must be upper level]

TOTAL HOURS: 120 minimum; 30 hours of upper-level courses

Purpose

The Psychology Department provides both baccalaureate and associate degrees. These programs seek both to transmit and expand knowledge, as well as to provide opportunities for research and service. The Department consists of a community of persons who are voluntarily linked in the pursuit of knowledge, providing a reasoned presentation of the academic disciplines in relation to the Christian faith. The Department’s purpose is to communicate Christian values, academic content and requisite skills—all of which prepare persons for a life-long process of learning and serving.

The purpose is carried out for resident students, all of whom have indicated their agreement with Liberty’s purpose, through a rigorous academic program and a structured socio-religious environment. It is carried out for online students, who may or may not espouse Liberty’s purpose, in a comparable academic program but without the socio-religious structure of the resident community.

Psychology Major (B.S.)

Program Learning Outcomes

1. Demonstrate competence in the major concepts in psychology.
2. Interpret research data accurately.
3. Use critical thinking to solve problems related to behavior and mental processes.
4. Evaluate psychological concepts/theories as they relate to biblical thought.
5. Communicate effectively in written, oral, and technological formats.
6. Recognize and respect the complexity of socio-cultural and international diversity.

Christian Counseling Cognate

The student will be able to:
- Synthesize Christian counseling theory and technique with secular theory and technique.

Crisis Counseling Cognate

The student will be able to:
- Analyze crisis situations and apply the appropriate theoretical principles and interventions.

Life Coaching Cognate

The student will be able to:
- Apply foundational principles and life coaching skills to specific scenarios.

Substance Abuse Cognate

The student will be able to:
- Apply the foundational principles of treatment and recovery of substance abuse.
### LIFE COACHING COGNATE

<table>
<thead>
<tr>
<th>General Education Requirements (39 hrs)</th>
<th>Courses in the Major (21 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 210  Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 255  Intro to Research</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 341  Psychology of Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 354  Statistics for the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 371  Theories in Counseling and Psychotherapy</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 430  Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 499  Internship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Life Coaching Cognate (15 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>LIFC 201  Introduction to Life Coaching</td>
<td>3</td>
</tr>
<tr>
<td>LIFC 202  Advanced Skills in Life Coaching</td>
<td>3</td>
</tr>
<tr>
<td><strong>Choose three courses (9 hrs) from the following:</strong></td>
<td></td>
</tr>
<tr>
<td>LIFC 301  Health and Wellness Coaching</td>
<td></td>
</tr>
<tr>
<td>LIFC 302  Marriage Coaching</td>
<td></td>
</tr>
<tr>
<td>LIFC 303  Financial Life Coaching</td>
<td></td>
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<tr>
<td>LIFC 304  Leadership Professional Life Coaching</td>
<td></td>
</tr>
<tr>
<td><strong>Elective Courses (45 hrs)</strong> [6 hrs must be upper level]</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL HOURS:** 120 minimum; 30 hours of upper-level courses

### PSYCHOLOGY MAJOR (A.A.)

**PROGRAM LEARNING OUTCOMES**

The student will be able to:
1. Demonstrate competence in the basic terminology and concepts of psychology.
2. Analyze developmental psychological patterns.
3. Analyze behaviors against personality theories.
4. Communicate effectively using appropriate research style and methods.

### Program of Study

#### Psychology Major (A.A.)

<table>
<thead>
<tr>
<th>General Education Requirements (39 hrs)</th>
<th>Courses in the Major (21 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 210  Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 221  Psychology of Childhood</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 231  Psychology of Adolescence – OR</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 235  Psychology of Adulthood</td>
<td></td>
</tr>
<tr>
<td>PSYC 341  Psychology of Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 499  Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL HOURS:** 60 minimum

#### Area of Personal Interest: Christian Counseling (9 hrs)

| CCOU 201  Introduction to Christian Counseling | 3 |
| CCOU 202  Issues of Christian Counseling      | 3 |
| **Choose one course (3 hrs) from the following:** | |
| CCOU 301  Christian Counseling for Marriage and Family | |
| CCOU 302  Christian Counseling for Children   | |
| CCOU 304  Christian Counseling for Women      | |
| CCOU 305  Healthy Sexuality                   | |

### Liberty University en Español

The College of Arts and Sciences also offers the Associate of Arts in Psychology online through Liberty University en Español. Additional information is available at [http://www.luonline.com/index.cfm?PID=21499](http://www.luonline.com/index.cfm?PID=21499).

### Christian Counseling Minor

**Christian Counseling Minor (15 hrs)**

| CCOU 201  Introduction to Christian Counseling | 3 |
| CCOU 202  Issues of Christian Counseling      | 3 |
| **Choose three courses (9 hrs) from the following:** | |
| CCOU 301  Christian Counseling for Marriage and Family | |
| CCOU 302  Christian Counseling for Children   | |
| CCOU 304  Christian Counseling for Women      | |
| CCOU 305  Healthy Sexuality                   | |

### Psychology Minor

**Psychology Minor (15 hrs)**

| PSYC 101  General Psychology               | 3 |
| PSYC 210  Developmental Psychology         | 3 |
| PSYC  Any PSYC Course                      | 3 |
| PSYC  Upper –level Electives               | 6 |
College of General Studies

Emily Heady, B.A., M.A., Ph.D.
Dean, College of General Studies
Director, Quality Enhancement Program (QEP)
Associate Professor of English

Bruce Bell, B.A., M.A., Ph.D.
Associate Dean, College of General Studies
Professor of Business and Communication

Associate Dean, General Education
Assistant Professor of Religion

Kevin Rawls, B.S., M.A.R., M.B.A.
Chair, General Education
Instructor of Business

FACULTY- RESIDENTIAL
Professor
Bell, B., Curtis, Detwiler, Runion, Schmidt

Associate Professor
Adu-Gyamfi, Alban, D. Jr., Blass, Brown, J. M., Ferdon, 
Heady, Metallo, Putney, N., Rowlette, K., Sites, Smith, S.C., 
Van Voorhis

Assistant Professor
Bell, S., Cole, Davis, M.E., Davis, M., Donald, Guamer, 
Grayson, Patton, Ritchie, Rowlette, A., Towles, C., 
Towles, M.

Instructor
Forcey, Holt, A., Holt, T., Myers R., Pettit, Rawls, K., Sloan

Lecturer
Coates, Donovan, S., Hammersmith, Schimmels, Tweedy

FACULTY – ONLINE
Assistant Professor
Arbo, M., Aucoin, Babb, Bunker, Cargo, Dew, Dixon, Doran, 
Dunnagan, Francis, Franz, Hardin, Hill, Isaac, L., Isaac, S., 
Jackson, G., King, F., Kuy Kendall, Lane, A., Lockhart, 
Lowes, Osborne, Roberts, Sandlin, Sansom, Schlabra, Seipp, 
Selitto, Smith, A. L., Swygart, Turchin, Vena, Wilsey

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

GOALS
The College of General Studies’ goals include enriching the 
freshman and sophomore experience in the classroom through a 
rigorous and coherent sequence of courses, increasing student 
success through programs such as freshman learning communities 
and pedagogical innovations, and supporting students’ learning 
with easy access to academic services. In addition, the College of 
General Studies spearheads University instruction and assessment 
efforts in relation to core competencies such as communication and 
critical thinking.

Information Technology Competencies
Because it is important for students to have appropriate 
information technology competencies in order to be academically 
successful, all new students (freshmen and transfer) are required to 
demonstrate technology skills by passing an information 
technology competency assessment within their first semester at 
Liberty. Students who do not meet this competency by the 
assessment are required to take INFT 110 (Computer Concepts and 
Applications) within their first 45 hours at Liberty or within their 
first year if a transfer student. Offered by the College of General 
Studies, this ensures that students have the appropriate set of 
competencies to succeed in today’s rigorous academic 
environment.

Information Technology
PURPOSE
Information Technology (INFT) is designed to assist students in 
developing and demonstrating foundational competency and 
proficiency in the program that will lead to success in their college 
course work and future careers. All incoming students, both 
freshmen and transfer, must take assessments in information literacy 
and information technology their first semester to determine basic 
competency. The information technology portion covers areas in 
Microsoft Office: Word, Excel, Power Point, and Outlook, as well as 
file management and basic computer concepts. In addition, 
students are assessed on information literacy involving research 
skills such as choosing a topic, types of resources, and citing. 
The competency requirements may be met by either passing 
the assessments or taking a course, INFT 110 (Computer Concepts 
and Applications), which includes information literacy and 
information technology. If the information literacy portion of the 
assessment only is not passed, students may take INFT 105 (Introduction to Information Literacy).

General Education Requirements for
Resident Programs
The College of General Studies oversees the majority of 
courses included in the University's General Education 
Requirements, which were adopted in 1990 by the faculty of 
Liberty University for all baccalaureate degree students. The goal 
is to ensure that all undergraduate students receive breadth of 
learning, as well as to prepare students to fulfill 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 in the residential degree programs are:

### Bachelor of Science (61-62 hrs)

<table>
<thead>
<tr>
<th>Foundational Studies*</th>
<th><strong>16 hrs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102 Composition and Literature</td>
<td>3</td>
</tr>
<tr>
<td>MATH (above 110)</td>
<td>3</td>
</tr>
<tr>
<td>COMS 101 Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>+GNED 101 Contemporary Issues I</td>
<td>1</td>
</tr>
<tr>
<td>+GNED 102 Contemporary Issues II</td>
<td>1</td>
</tr>
<tr>
<td>EVAN 101 Evangelism and Christian Life</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Investigative Studies</th>
<th><strong>45-46 hrs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 201, 202, 215, 216, 221, or 222</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science ~</td>
<td>3-4</td>
</tr>
<tr>
<td>Natural Science, Math, or BUSI 201</td>
<td>3</td>
</tr>
<tr>
<td>HIUS 221 or 222, or HIEU 201 or 202</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 105, HUMN 101, THEA 101, MUSC 103 and</td>
<td>3</td>
</tr>
<tr>
<td>General Education elective** (non-language) or</td>
<td>3</td>
</tr>
<tr>
<td>LANG ***</td>
<td>6</td>
</tr>
<tr>
<td>GOVT 200, PSYC 101 or 210, SOCI 200 or 201</td>
<td>3</td>
</tr>
<tr>
<td>Social Science/History elective</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 201 Philosophy and Contemporary Ideas</td>
<td>3</td>
</tr>
<tr>
<td>BIBL 105 or ^205</td>
<td>3</td>
</tr>
<tr>
<td>BIBL 110 or ^210</td>
<td>3</td>
</tr>
<tr>
<td>THEO 201 Theology Survey I</td>
<td>3</td>
</tr>
<tr>
<td>THEO 202 Theology Survey II</td>
<td>3</td>
</tr>
</tbody>
</table>

* 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/BUSI 201/ARTS 105.

~ Not all majors require a lab

^ Options available to Honors students

*** Must be the same language

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

### Associate of Arts (43 hrs)

<table>
<thead>
<tr>
<th>Foundational Studies*</th>
<th><strong>16 Hrs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102 Composition and Literature</td>
<td>3</td>
</tr>
<tr>
<td>COMS 101 Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH (above 110)</td>
<td>3</td>
</tr>
<tr>
<td>EVAN 101 Evangelism and Christian Life</td>
<td>2</td>
</tr>
<tr>
<td>+GNED 101 Contemporary Issues I</td>
<td>1</td>
</tr>
<tr>
<td>+GNED 102 Contemporary Issues II</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Investigative Studies</th>
<th><strong>27 Hrs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science ~</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 105, HUMN 101, THEA 101, MUSC 103</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 200</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 220/SOCI 200</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 201</td>
<td>3</td>
</tr>
<tr>
<td>THEO 201 and/or 202</td>
<td>3</td>
</tr>
<tr>
<td>BIBL 105 and/or 110</td>
<td>3</td>
</tr>
</tbody>
</table>

* 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.

---
## Approved General Education and Integrative Courses for Residential Programs

### Business (applicable as Social Science Elective)
- ECON 110 Survey of Economics
- ECON 213 Principles of Microeconomics
- ECON 214 Principles of Macroeconomics
- BUSI 223 Personal Finance

### Christian/Community Service
- GNED 101 Contemporary Issues I
- GNED 102 Contemporary Issues II

### Communication
- COMS 101 Speech Communications
- ENGL 101 Composition and Rhetoric
- ENGL 102 Composition and Literature
- ENGL 201 American Literature I
- ENGL 202 American Literature II
- ENGL 215 English Literature I
- ENGL 216 English Literature II
- ENGL 221 World Literature I
- ENGL 222 World Literature II

### Language – French, German, Greek, Hebrew, Spanish (100/200 level), or CHMN 171/172 (Sign Language-ASL)
- ARTS 105 Art Appreciation

### Computer Information Systems
- BUSI 201 Intermediate Business Computer Applications

### Computer Science
- CSCI 110 Computing Foundations and Ethics
- CSCI 111 Introduction to Programming
- CSCI 112 Advanced Programming

### Fine Arts
- HUMN 101 Humanities in Western Culture
- MUSC 103 Music Appreciation
- THEA 101 Theatre Appreciation

### Mathematics
- MATH 115 Mathematics for Liberal Arts
- MATH 117 Elements of Mathematics
- MATH 121 College Algebra
- MATH 125 Finite Mathematics
- MATH 126 Elementary Calculus for Business and Science
- MATH 128 Elementary Functions and Coordinate Geometry
- MATH 131 Calculus and Analytical Geometry I
- MATH 132 Calculus and Analytical Geometry II
- MATH 201 Introduction to Probability and Statistics
- MATH 211 Introduction to Statistical Analysis
- MATH 217 Elementary Geometry
- MATH 227 Number-Systems and Geometry

### Religion
- BIBL 105 Old Testament Survey
- BIBL 110 New Testament Survey
- BIBL 205 Old Testament Life and Literature
- BIBL 210 New Testament Life and Literature
- EVAN 101 Evangelism and Christian Life
- PHIL 201 Philosophy and Contemporary Ideas
- THEO 201 Theology Survey I
- THEO 202 Theology Survey II

### Natural Science
- BIOL 101 Principles of Biology

### Science
- BIOL 102 Principles of Human Biology
- BIOL 103 Principles of Biology Lab
- BIOL 104 Principles of Human Biology Lab
- BIOL 200 Foundations of Biology
- BIOL 203 Introductory Microbiology
- *BIOL 213 Human Anatomy/Physiology I
- *BIOL 214 Human Anatomy/Physiology I Lab
- *BIOL 215 Human Anatomy/Physiology II
- *BIOL 216 Human Anatomy/Physiology II Lab
- CHEM 107 Essentials of General/Organic Chemistry
- CHEM 121 General Chemistry I
- CHEM 122 General Chemistry II
- PHSC 210 Elements of Earth Science
- PHSC 211 Elements of Earth Science Lab
- PHYS 101 Elements of Physics
- PHYS 103 Elements of Physics Lab
- PHYS 201 General Physics I
- PHYS 202 General Physics II
- PHYS 231 University Physics I
- PHYS 232 University Physics II

* *BIOL 213, 214, 215, 216 must be taken to receive General Education credit for either course.

### Social Sciences/History
- GEOG 200 Introduction to Geography
- GOVT 200 Constitutional Government and Free Enterprise
- GOVT 210 Introduction to Political Science
- GOVT 220 American Government
- HIEU 201 History of Western Civilization I
- HIEU 202 History of Western Civilization II
- HIUS 221 Survey of American History I
- HIUS 222 Survey of American History II
- HLTH 216 Personal Health
- PSYC 101 General Psychology
- PSYC 210 Developmental Psychology
- SOCI 200 Introduction to Sociology
- SOCI 201 Social Problems

### General Education Elective
The General Education Elective must be from Fine Arts /Natural Science/Math/ CSCI/ Social Science/BUSI 201 or ARTS 105.

### INTEGRATIVE COURSES
Integrative courses are required for all Bachelor of Arts degrees.

- COMS 464 Media Applications
- ENGL 405 Literature of the Bible
- ENGL 406 Literature of the Civil War
- ENGL 442 Musical Theatre
- ENGL 460 Christian Literature
- ENGL 462 Religious Issues in Dramatic Literature
- ETHM 411 Music and World Cultures
- GEOG 410 Global Issues in Geography
- GNED 301 Contemporary Issues Seminar
- HIEU 366 Foundations of the Modern Western World
- HLTH 400 Contemporary Health Issues
- HUMN 301 Film as Art
- NASC 315 Environmental Science
- PHSC 310 Astronomy: An Integrated Approach
- SPAN 324 Christianity in Latin America
- THEO 340 Theology and Politics

This list of approved general education courses for residential programs is also published online at [http://www.liberty.edu/gened](http://www.liberty.edu/gened).
General Education Requirements for Online Programs

The General Education Requirements for some majors may vary; however, the General Education requirements for most majors leading to a Bachelor of Science and Associates of Arts in the Liberty University Online programs are:

<table>
<thead>
<tr>
<th>General Education Requirements</th>
<th>Bachelor of Science and Associate of Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundational Studies</td>
<td>15 Hrs</td>
</tr>
<tr>
<td>ENGL 101 Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102 Composition and Literature</td>
<td>3</td>
</tr>
<tr>
<td>COMS 101 Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH ___</td>
<td>3</td>
</tr>
<tr>
<td>APOL 104* Contemporary World View</td>
<td>3</td>
</tr>
<tr>
<td>Investigative Studies</td>
<td>27 Hrs</td>
</tr>
<tr>
<td>Natural Science**</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td>Social Science**</td>
<td>6</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>General Education Elective</td>
<td>3</td>
</tr>
<tr>
<td>BIBL 104* Survey of Biblical Literature</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 201 Philosophy and Contemporary Ideas</td>
<td>3</td>
</tr>
<tr>
<td>THEO 104* Introduction to Christian Thought</td>
<td>3</td>
</tr>
</tbody>
</table>

* 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

GENERAL EDUCATION REQUIREMENTS FOR OUT OF STATE STUDENTS

In addition to Liberty University’s general education requirements, distance education students may also be required to fulfill additional requirements set by their home states. Details by state will be added to the Degree Completion Plan. Specific Degree Completion Plans for each state whose requirements differ are available from Liberty University Online Advising.

Approved General Education and Investigative Courses for Online Programs

The general education courses support the mission and philosophy of Liberty University. All associate and bachelor degree seeking students are required to complete the general education requirements.

Courses marked with an asterisk (*) are offered online. Courses without an asterisk have been approved to satisfy general education requirements through transfer or residency. Students should not take courses at another institution without written Transient Approval.

<table>
<thead>
<tr>
<th>English Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 Composition and Rhetoric *</td>
</tr>
<tr>
<td>ENGL 102 Composition and Literature*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Communications</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 101 Speech Communication*</td>
</tr>
<tr>
<td>COMS Any Communications course including upper and lower level electives</td>
</tr>
<tr>
<td>ENGL 350 Advanced Expository Writing</td>
</tr>
<tr>
<td>ENGL 333 Modern Grammar</td>
</tr>
<tr>
<td>BUSI 300 Business Communication*</td>
</tr>
</tbody>
</table>

Computer

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

Mathematics

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

Natural Science

Any lower or upper level natural science course within the following disciplines of study (including electives). Restrictions may apply to some majors

| BIOL 101 Principles of Biology* |
| NASC Natural Science |
| PHSC Physical Science |
| BIOL Biology |
| PHYS Physics |
| CHEM Chemistry |

Fine Arts/Humanities

| HUMN 101 Humanities in Western Culture* |
| HUMN Any Humanities course including upper or lower level electives |
| ENGL 201, 202, 215, 216*, 221, 222 |
| MUSC 103 Music Appreciation |
| ARTS 105 Art Appreciation |
| THEA 101 Theatre Appreciation |
| ANTH 203 World Religions |
| PHIL Any Philosophy course including upper or lower level electives |
| SPAN, FREN, GREEK, LANG, etc All Foreign and Modern Languages including upper or lower electives |

History

| HIEU 201 Western Civilization I* |
| HIUS 221 Survey of American History I* |
| HIEU, HIUS, HIST | Any lower or upper level course within a history discipline may satisfy the History requirement (including electives) |

Social Science

Any lower or upper level course, including electives, within the following disciplines of study. Restrictions may apply to some majors

| SOCI Sociology including SOCI 200* or SOCI 201* |
| PSYC Psychology including: PSYC 210* or PSYC 201* |
| GOVT Government including: GOVT 200* or GOVT 220* |
| ECON Economics including: ECON 213 or ECON 214* |
| GEOG Geography |
| ANTH Anthropology |
| ICST Intercultural Studies including ICST 200* |
| HIEU, HIUS, etc. History including: HIUS 221* or HIEU 201* |
| HLTH 216 Personal Health |
| HLTH 252 Drugs in Society* |
### Religion for Non-Religion Majors

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>APOL 104</td>
<td>Contemporary Worldviews*</td>
</tr>
<tr>
<td>BIBL 104</td>
<td>Introduction to Biblical Literature*</td>
</tr>
<tr>
<td>THEO 104</td>
<td>Introduction to Christian Thought*</td>
</tr>
<tr>
<td>PHIL 201</td>
<td>Introduction to Philosophy*</td>
</tr>
</tbody>
</table>

### Religion for Religion Majors

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVAN 101</td>
<td>Evangelism*</td>
</tr>
<tr>
<td>BIBL 105</td>
<td>Old Testament Survey*</td>
</tr>
<tr>
<td>BIBL 110</td>
<td>New Testament Survey*</td>
</tr>
<tr>
<td>THEO 201</td>
<td>Theology Survey I*</td>
</tr>
<tr>
<td>THEO 202</td>
<td>Theology Survey II*</td>
</tr>
<tr>
<td>CRST 290</td>
<td>History of Life*</td>
</tr>
<tr>
<td>PHIL 201</td>
<td>Introduction to Philosophy*</td>
</tr>
</tbody>
</table>

### General Education Elective

This elective may be fulfilled by approved courses within the Fine Arts/Humanities, Natural Science, Math, Computer, History, or Social Science disciplines. Restrictions may apply to some majors.

This list of approved general education courses for online programs is published online at [http://www.luonline.com/index.cfm?PID=17016](http://www.luonline.com/index.cfm?PID=17016).
School of Aeronautics

David L. Young, B.S., M.A., FAA COMM, INST, CFI, CFII, ME, MEI, ATP  
Dean, School of Aeronautics  
Associate Professor of Aviation

J. Ernie Rogers, B.B.A., M.A., FAA COMM, INST, ME, MEI, HELO, ATP, CFI, CFII  
Associate Dean, School of Aeronautics  
Associate Professor of Aviation

John Marselus, B.S., M.A., FAA COMM, INST, ME, MEI, CFI, CFII  
Assistant to the Dean, Flight Operations, School of Aeronautics

Robert Howell, FAA A&P, DME  
Chairman, Aviation Maintenance Technician Program

Bradley Blank, B.S., FAA COMM, INST, CFI, CFII, A&P  
Director, Aviation Maintenance Technician Program

Jason Hammond, FAA COMM, INST, CFI, CFII, MEI, ATP  
Director of Standardization and Evaluation

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, Instrument

Donald Childs, B.S., FAA COMM, INST, CFI, CFII, HELO  
Associate Director of Flight Operations, Helicopter

Joshua Clark, B.S., M.S.M., FAA COMM, INST, CFI, CFII  
Associate Director of Flight Operations/Chief Scheduler

Hunter Cox, B.S., MCA, FAA COMM, INST, CFI, CFII  
Associate Director of Flight Operations, Private

Marc Curley, B.S., FAA COMM, INST, CFI, CFII, ME, MEI  
Associate Director of Flight Operations, Multi-Engine

Peter Spahr, B.S., MCA, FAA A&P, COMM, INST, ME, CFI, CFII  
Associate Director of Flight Operations, Commercial

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

FACTORY
Associate Professor  
Reesman, Rogers, Young, D.  
Assistant Professor  
Reichard

FLIGHT DIRECTORS
Barnhart, Childs, Clark, Cox, Curley, Mashburn, Spahr

PURPOSE
It is the purpose of the School of Aeronautics to train and mentor young men and women to become exceptional pilots, mechanics, unmanned aerial systems operators, and flight attendants who possess excellent technical skills, sound judgment, professionalism, and strong Christian character.

The School of Aeronautics offers a Bachelor of Science degree in Aeronautics with specializations in: commercial/corporate, military, missionary, and unmanned aerial systems. Additionally, Associate of Arts degrees in Aviation Maintenance Technician and Flight Attendant are available. Minors in Aeronautics and Airline Flight Attendant are also offered.

FEDERAL AVIATION ADMINISTRATION (FAA) CERTIFICATION
The School of Aeronautics is a fully certified FAA Part 141 school authorized to teach Private, Instrument, Commercial, Multi-Engine, Certified Flight Instructor, Certified Flight Instructor Instrument, and Airline Transport Pilot courses. The FAA has also certified the School as an FAA Part 147 Aviation Maintenance Technician School designed to train and prepare aircraft technicians for A & P licensure.

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

FLIGHT TRAINING COURSE FEES
Courses that include flight training have additional course fees. Course fees for Aviation Flight Training courses vary depending on equipment used (aircraft/aircraft simulator). For a list of course fees please go to http://www.liberty.edu/registrar.

BASIC COURSE INFORMATION
The aviation and mechanic programs are FAA Part 141 and 147 certificated. Students are responsible for lab fees, in-flight instruction, aircraft rental, A & P mechanical classes, and tools. Both programs are Veteran’s Administration approved. Internships are available. All flight training is conducted at Lynchburg Regional Airport.

Career Opportunities
Certified Flight Instructor Missionary Pilot  
Commercial Pilot UAS Pilot  
Corporate Pilot Aircraft Mechanic  
Military Pilot Flight Attendant

DEGREE COMPLETION PLANS (DCP)
Degree Completion Plans for degree programs offered by the School of Aeronautics can be accessed online at http://www.liberty.edu/dcps.
Aeronautics Major (B.S.)

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Apply biblical principles within the professional aviation environment.
2. Effectively communicate throughout the scope of the aviation career field.
3. Demonstrate a breadth of knowledge in the discipline of aeronautics.
4. Demonstrate the demeanor of a professional aviator.

Commercial/Corporate Concentration
The student will be able to:
- Analyze aeronautical challenges specific to commercial and corporate operations.

Military Concentration
The student will be able to:
- Analyze aeronautical challenges specific to military operations.

Missionary Concentration
The student will be able to:
1. Evaluate the unique safety considerations, risk management differences, and flight techniques for operations into and out of confined areas.
2. Analyze challenges of mission aviation in various cultural settings.

Unmanned Aerial Systems Concentration
The student will be able to:
1. Identify the principles essential for intelligence analysis.
2. Integrate strategic intelligence plans with gathering of intelligence through various sources.
3. Demonstrate competency in verbal/nonverbal communication skills and computer skills necessary to foster effective inquiry, collaboration, and analysis of intelligence.
4. Demonstrate piloting skills required by the FAA.

Programs of Study

Aeronautics Major (B.S.)

General Education Requirements (55-56 hrs)
Courses in the Major Core (35 hrs)
- AVIA 102 Aviation Orientation 1
- AVIA 210 Private Ground I 2
- AVIA 215 Private Ground II 2
- AVIA 220 Private Flight I 3
- AVIA 225 Private Flight II 3
- AVIA 240 GPS Navigation 1
- AVIA 300 Aviation Safety 2
- AVIA 305 Airplane Aerodynamics 3
- AVIA 310 Instrument Ground 3
- AVIA 315 Commercial Ground 3
- AVIA 320 Instrument Flight 3
- AVIA 325 Commercial Flight I 1
- AVIA 326 Commercial Flight II 1
- AVIA 327 Commercial Flight III 1
- AVIA 340 Aviation Weather 3
- AVIA 400 Aerospace Law, Human Factors and Crew Resource Management 3

Directed Courses (Required) (0-4 hrs)*
- PHYS 101 Elements of Physics 3
- PHYS 103 Elements of Physics Lab 1

Free Electives (0-11 hrs)
Graduation Requirements (2-3 hrs)
CRST 290 History of Life 2-3

* These courses may be counted in Foundational/Investigative Studies.
** CRST 290 can be counted as elective hours

Aeronautics Major (B.S.)
Commercial/Corporate Concentration

General Education Requirements (55-56 hrs)
Courses in the Major Core (35 hrs)

Directed Corporate Concentration Courses (18 hrs)
- AVIA 350 Airline Operations 3
- AVIA 360 Corporate / Business Aviation 3
- AVIA 430 Multi-Engine Ground and Advanced Aircraft Systems 3
- AVIA 440 Multi-Engine Flight 1
- AVIA 455 Turbine Engines and Jet Transport 3
- AVIA 460 Interview and Etiquette Techniques 2
- BUSI 101 Introduction to Business 3

Directed Courses (Required) (0-4 hrs)*
Free Electives (0-11 hrs)
Graduation Requirements (2-3 hrs)

TOTAL HOURS: 120 hours minimum; at least 37 hours must be 300-400 level

Aeronautics Major (B.S.)
Military Concentration

General Education Requirements (53 hrs)
Courses in the Major Core (35 hrs)

Military Concentration Courses (18 hrs)
- AVIA 250 Introduction to Space Flight 3
- AVIA 430 Multi-Engine Theory/Advanced Aircraft Systems 3
- AVIA 445 Military Aviation Selection Test Battery Preparation 3
- AVIA 455 Turbine Engines and Jet Transport 3
- BUSI 201 Intermediate Business Computer Applications 3
- BUSI 310 Principles of Management 3

Directed Courses (Required) (0-4 hrs)*
Free Electives (0-11 hrs)
Graduation Requirements (2-3 hrs)

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

Aeronautics Major (B.S.)
Missions Concentration

General Education Requirements (55-56 hrs)
Courses in the Major Core (35 hrs)

Missions Concentration Courses (23 hrs)
- ICST 200 Introduction to Missions 3
- ICST 300 Cultural Anthropology 3
- ICST 338 Contemporary Mission Problems and Issues 3
- ICST 373 Missionary Relationships 3
- ICST 441 Career Missionary Preparation 3
- ICST 485 Pioneer Ministry Orientation (Jungle Camp) 3
- ACCT 211 Principles of Accounting I 3
- AVIA 450 Confined Area Operations 2

Directed Courses (Required) (0-4 hrs)*
ASSOCIATE OF ARTS DEGREE PROGRAMS

In an effort to meet the educational needs of students who want a university degree, but who do not desire to complete a four-year bachelor’s program, the School of Aeronautics offers the Associate of Arts Degree in Aeronautics in Airline Flight Attendant or Aviation Maintenance Technician. These two-year degree programs combine courses in the major program of study with General Education courses and graduation requirements.

Aeronautics: Airline Flight Attendant Major (A.A.)

PROGRAM LEARNING OUTCOMES

The student will be able to:
1. Apply biblical principles within the professional aviation environment.
2. Communicate effectively within the professional aviation environment.
3. Demonstrate a comprehensive working knowledge of required aeronautical information.
4. Articulate aeronautical knowledge appropriate for flight attendants.
5. Integrate safety and security measures with excellent service.

Program of Study

Aeronautics (A.A.)

Airline Flight Attendant Major

General Education Requirements (43 hrs)

Courses in the Major (25 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVIA 101</td>
<td>Exploring Aviation</td>
<td>3</td>
</tr>
<tr>
<td>AVIA 102</td>
<td>Aviation Orientation</td>
<td>1</td>
</tr>
<tr>
<td>AVIA 210</td>
<td>Private Ground I</td>
<td>2</td>
</tr>
<tr>
<td>AVIA 215</td>
<td>Private Ground II</td>
<td>2</td>
</tr>
<tr>
<td>AVIA 220</td>
<td>Private Flight I</td>
<td>3</td>
</tr>
<tr>
<td>AVIA 225</td>
<td>Private Flight II</td>
<td>3</td>
</tr>
<tr>
<td>AVIA 240</td>
<td>GPS Navigation</td>
<td>1</td>
</tr>
<tr>
<td>AVIA 250</td>
<td>Introduction to Space Flight</td>
<td>3</td>
</tr>
<tr>
<td>AVIA 305</td>
<td>Airplane Aerodynamics</td>
<td>3</td>
</tr>
<tr>
<td>AVIA 340</td>
<td>Aviation Weather</td>
<td>3</td>
</tr>
<tr>
<td>AVIA 400</td>
<td>Aerospace Law, Human Factors and Crew Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>AVIA 460</td>
<td>Pilot Interview and Etiquette Techniques</td>
<td>2</td>
</tr>
<tr>
<td>BUSI 223</td>
<td>Personal Finance</td>
<td>3</td>
</tr>
<tr>
<td>Unmanned Aerial Systems Concentration Courses (18 hrs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOVT 380</td>
<td>Introduction to Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 381</td>
<td>Intelligence Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 383</td>
<td>History and Nature of Intelligence Tools</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 483</td>
<td>Military Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 484</td>
<td>Strategic Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 340</td>
<td>Information Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Directed Courses (Required) (0-4 hrs)*

Free Electives (0-14 hrs) [1 hr must be upper level]

AVIA 340 is strongly recommended

Graduation Requirements (2-3 hrs)

TOTAL HOURS: 120 hours minimum; at least 40 hours must be 300-400 level

Aviation Maintenance Technician Major (A.A.)

PURPOSE

The purpose of the Liberty University Aviation Technician Program is to train pilots, as well as non-pilots to maintain aircraft in the context of a faith-based missionary organization; however, training is also applicable to those pursuing other careers in general, corporate and commercial aviation.

The Aviation Maintenance Technician Program is an accelerated maintenance training program designed for the FAA portion to be completed as a single block in one year and the additional Associate of Arts degree classes completed in an additional year. The curricula for this program are regulated by the Federal Aviation Administration (FAA).

Aviation Maintenance Technician Certificate

Students pursuing the Aviation Maintenance Technician Certificate complete the 45-hour, FAA Part 147 program in a 12-month accelerated format. During this period the student will be able to earn a maintenance license with both Airframe and Powerplant ratings.

EVALUATION OF TRANSFER CREDIT

Students may transfer all semester hours earned in the Aviation Maintenance Technician Certificate program to Liberty’s Associate of Arts program.

PROGRAM LEARNING OUTCOMES

Upon successful completion of the Associate of Arts in Aviation Maintenance Technician or Aviation Maintenance Technician Certificate program, the student will be able to:

1. Demonstrate ability to read, comprehend, and apply information contained in FAA and Manufacturers Aircraft Maintenance specifications, and advisory material.
2. Complete required maintenance forms, records and inspection reports.
3. Repair and inspect aircraft electrical, avionics, airframes, and fuel systems.
4. Inspect, check, service and repair turbine engines and turbine engine installation.
5. Complete maintenance and repair tasks using the FAA Manufacturers Aircraft Maintenance specification and advisory material.

**Programs of Study**

<table>
<thead>
<tr>
<th>Aeronautics (A.A.) Aviation Maintenance Technician (45 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (43 hrs)</td>
</tr>
<tr>
<td>Courses in the Major (45 hrs)</td>
</tr>
<tr>
<td>AVMT 100 Aircraft Sciences I</td>
</tr>
<tr>
<td>AVMT 102 Aircraft Sciences II</td>
</tr>
<tr>
<td>AVMT 104 Maintenance Practices I</td>
</tr>
<tr>
<td>AVMT 106 Maintenance Practices II</td>
</tr>
<tr>
<td>AVMT 200 Airframe Auxiliary Systems</td>
</tr>
<tr>
<td>AVMT 202 Aircraft Electrical Systems</td>
</tr>
<tr>
<td>AVMT 204 Airframe Structures I</td>
</tr>
<tr>
<td>AVMT 206 Airframe Structures II</td>
</tr>
<tr>
<td>AVMT 208 Airframe Assembly and Inspection</td>
</tr>
<tr>
<td>AVMT 210 Airframe Hydraulic, Pneumatic and Landing Gear</td>
</tr>
<tr>
<td>AVMT 212 Reciprocating Engines</td>
</tr>
<tr>
<td>AVMT 214 Engine Electrical Systems</td>
</tr>
<tr>
<td>AVMT 216 Engine Auxiliary Systems I</td>
</tr>
<tr>
<td>AVMT 218 Engine Auxiliary Systems II</td>
</tr>
<tr>
<td>AVMT 220 Turbine Engines</td>
</tr>
</tbody>
</table>

**Graduation Requirements (2-3 hrs)**

| CRST 290 History of Life | 2-3 |

TOTAL HOURS: 90 hours minimum required.

<table>
<thead>
<tr>
<th>Aeronautics Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronautics Minor (19 hrs)</td>
</tr>
<tr>
<td>AVIA 102 Aviation Orientation</td>
</tr>
<tr>
<td>AVIA 210 Private Ground I</td>
</tr>
<tr>
<td>AVIA 215 Private Ground II</td>
</tr>
<tr>
<td>AVIA 220 Private Flight I</td>
</tr>
<tr>
<td>AVIA 225 Private Flight II</td>
</tr>
<tr>
<td>AVIA 300 Aviation Safety</td>
</tr>
<tr>
<td>AVIA 305 Airplane Aerodynamics</td>
</tr>
<tr>
<td>AVIA 310 Instrument Ground</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Airline Flight Attendant Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airline Flight Attendant Minor (19 hrs)</td>
</tr>
<tr>
<td>AVIA 101 Exploring Aviation</td>
</tr>
<tr>
<td>AVIA 103 Flight Attendant Orientation</td>
</tr>
<tr>
<td>AVIA 210 Private Ground I</td>
</tr>
<tr>
<td>AVIA 300 Aviation Safety</td>
</tr>
<tr>
<td>AVIA 400 Aerospace Law, Human Factors &amp; Crew Resource Management</td>
</tr>
<tr>
<td>AVIA 460 Interview and Etiquette Techniques</td>
</tr>
<tr>
<td>FACS 130 Introduction to Hospitality, Foods and Food Safety</td>
</tr>
<tr>
<td>HLTH 205 Accident Prevention and Care (CPR)</td>
</tr>
</tbody>
</table>

TOTAL HOURS: 45 hours minimum required.
PURPOSE
It is the purpose of the School of Aeronautics to train and mentor young men and women to become exceptional pilots, mechanics, unmanned aerial systems operators, and flight attendants who possess excellent technical skills, sound judgment, professionalism, and strong Christian character.

Aeronautics Major (B.S.)

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Apply biblical principles within the professional aviation environment.
2. Effectively communicate throughout the scope of the aviation career field.
3. Demonstrate a breadth of knowledge in the discipline of aeronautics.
4. Demonstrate the demeanor of a professional aviator.

Commercial/Corporate Concentration
The student will be able to:
- Analyze aeronautical challenges specific to commercial and corporate operations.

Program of Study

<table>
<thead>
<tr>
<th>Aeronautics Major (B.S.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Commercial/Corporate Concentration</strong></td>
</tr>
<tr>
<td>General Education Requirements (39 hrs)</td>
</tr>
<tr>
<td>Courses in the Major (43 hrs)</td>
</tr>
<tr>
<td>AVIA 210* Private Ground I 2</td>
</tr>
<tr>
<td>AVIA 215* Private Ground II 2</td>
</tr>
<tr>
<td>AVIA 220* Private Flight I 3</td>
</tr>
<tr>
<td>AVIA 225* Private Flight II 3</td>
</tr>
<tr>
<td>AVIA 310* Instrument Ground 3</td>
</tr>
<tr>
<td>AVIA 320* Instrument Flight 3</td>
</tr>
<tr>
<td>AVIA 315* Commercial Ground 3</td>
</tr>
<tr>
<td>AVIA 325* Commercial Flight 3</td>
</tr>
<tr>
<td>AVIA 300 Aviation Safety 3</td>
</tr>
<tr>
<td>AVIA 305 Airplane Aerodynamics 3</td>
</tr>
<tr>
<td>AVIA 340 Aviation Weather 3</td>
</tr>
<tr>
<td>AVIA 360 Corporate and Business Aviation 3</td>
</tr>
<tr>
<td>AVIA 400 Aerospace Law, Human Factors and Crew Resource Management 3</td>
</tr>
<tr>
<td>AVIA 430 Multi-Engine Theory and Advanced Aircraft Systems 3</td>
</tr>
<tr>
<td>AVIA 455 Turbine Engines and Jet Transports 3</td>
</tr>
<tr>
<td>Free Electives (38 hrs)</td>
</tr>
<tr>
<td>* Advanced Standing (22 hrs) These courses will be satisfied automatically for Commercial Pilots</td>
</tr>
<tr>
<td>TOTAL HOURS: 120 minimum; 30 hours must be upper level</td>
</tr>
</tbody>
</table>
School of Business

Scott Hicks, B.S., M.B.A.
Interim Dean, School of Business
Assistant Professor of Business

Anita Satterlee, B.S., M.A., Ed.D.
Associate Dean, School of Business
Associate Professor of Business

Brian Satterlee, B.S., M.S., Ed.D., D.B.A.
Chair, Department of Business Management Information Systems; Department of Management, International Business, Human Resources, and Marketing
Director of Accreditation
Professor of Business

Gene Sullivan, B.S., M.S., M.R.E., Ph.D.
Chair, Department of Accounting, Finance, and Economics
Professor of Accounting

David Duby, B.S., M.S., Ph.D.
Chair, Undergraduate Business Programs
Associate Professor of Business

Melanie Hicks, B.S., M.B.A., D.B.A.
Chair, Graduate Business Programs
Associate Professor of Business

Chair, Undergraduate Business Programs
Assistant Professor of Business

FACULTY – RESIDENTIAL
Professor
George, Light, A., Mateer, Moore, Preacher, Satterlee, B., Shelton, Sullivan
Associate Professor
Brunson, Duby, Gerdes, Hicks, M., McLaughlin, Rencher, Jr., Satterlee, A., Young, G., Young, P.
Assistant Professor
Bolt, Buck, Donahoo, Ehrhorn, Gilmore, J., Hicks, S., Wargo, Zaffke

FACULTY - ONLINE
Assistant Professor of Business
Corum, Duck, M Gregorio, Martin, M., Marx, McCarty, McChesney, McFaul, Poirier, Rauch, Richmond, Saunders, Schultz, J., Sette, Thrtle, Waldo, White, D., White, W., Willert
Instructor

PURPOSE
To educate our Business students with the values, knowledge, and skills they need in the development of the whole person to enable them to impact their world. Inherent in this mission are the following fundamental imperatives:

1. That all teaching be given within a distinctively Christian worldview;
2. That the Word of God be honored as the final authority for life and practice;
3. That justice and ethics be exalted within a context of limited government and a free market system in a global economy;
4. That all of life’s tasks are sacred and are to be done as unto the Lord;
5. That the education process be a collaboration with faculty and staff, helping to transform students into self-sufficient, lifelong learners; and
6. That courses of instruction be designed and delivered to provide our graduates with a competitive advantage as they pursue their chosen careers.

BUSINESS INTERNSHIP PROGRAM
Integration of theory and practice is the purpose of the Business Internship Program at Liberty. Hands-on learning, in addition to classroom learning, gives the student a perspective that most will not have upon graduation. The internship experience provides a basis for career decisions, as well as experience that will assist the student in securing employment.

Juniors and seniors who wish to be considered for the internship program should contact the Business Internship Director to discuss qualifications for and the methods of obtaining internships.

SIGMA BETA DELTA HONOR SOCIETY
Faculty Advisor: Professor Keith Wargo
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
Bank Officer
Budget Analyst
Controller
Cost Accounting
Credit Manager
Internal Auditor

Economics (usually requires graduate degree)
Bank Economist
Corporate
Consulting Economist

Finance
Appraiser/Assessor
Credit Manager
Financial Analyst
Insurance Adjuster

INTERNAL Revenue Agent
International Banking Office
Managerial Accounting
Certified Public Accountant
Tax Accountant
Treasurer
Government Accountant
Economics Planner
Economist Educator
Government Economist
Loan Officer
Management Consultant
Real Estate Agent/Broker
Securities Analyst
Insurance Agent/Broker  Securities Broker
Internal Revenue Agent  Treasurer
Investment Banker  Trust Officer

**Human Resource Management**
HR Generalist  Staffing Manager
HR Manager  Recruiting Manager
Compensation, Benefits and Job Analysis  Equal Employment Specialist
Compensation and Benefits Manager/Director  Employee & Labor Relations Specialist
Corporate Compensation and Benefits Executive  Training & Development

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

**Management**
Branch Manager  Merchandising Manager
City Manager  Human Resource Manager
Department Manager  Retail Manager

**Marketing**
Account Executive  Insurance Agent/Broker
Advertising Executive  Real Estate Agent/Broker
Director of Marketing  Purchasing Agent
Hotel/Motel Manager  Merchandise Manager
Branch Sales Manager  Retail Manager
Product/Brand Manager  Sales Manager
Manufacturer Sales Representative  Sales Representative

**Accounting Major (B.S.)**

**PROGRAM LEARNING OUTCOMES**
The student will be able to:
1. Critically evaluate business transactions in accordance with generally accepted accounting principles within the various fields of the accounting discipline.
2. Analyze accounting transactions of third party preparers in accordance with generally accepted auditing standards.
3. Communicate effectively in written, oral, and technical venues.
4. Identify, evaluate, and appropriately deal with ethical dilemmas from a sound moral and biblical perspective.

**Communications Cognate**
The student will be able to:
- Evaluate business communication effectiveness in various contexts.

**Economics Cognate**
The student will be able to:
- Demonstrate the application of various economic analytical and decision-making methods utilized by managers.

**Finance Cognate**
The student will be able to:
- Demonstrate the application of various financial analytical decision-making methods utilized by financial managers.

**Human Resource Management Cognate**
The student will be able to:
- Apply human resource management support issues used in human resource settings.

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

**PROGRAM LEARNING OUTCOMES**
The student will be able to:
1. Recognize ethical business practices within the context of the Christian worldview.
2. Use core business concepts and strategies to determine effective solutions to hypothetical and/or real life situations.
3. Apply business principles in the areas of legal environment, economics, business ethics, and global dimensions.
4. Identify and select appropriate Business strategies and policies.

**Communications Cognate**
The student will be able to:
- Evaluate business communication effectiveness in various contexts.

**Economics Cognate**
The student will be able to:
- Demonstrate the application of various economic analytical and decision-making methods utilized by managers.

**Finance Cognate**
The student will be able to:
- Demonstrate the application of various financial analytical decision-making methods utilized by financial managers.

**Human Resource Management Cognate**
The student will be able to:
- Apply human resource management support issues used in human resource settings.
International Business Cognate
The student will be able to:
• Demonstrate the application of various international business analytical and decision-making methods utilized by global managers.

Marketing Cognate
The student will be able to:
• Demonstrate the application of various marketing analytical and decision-making methods utilized by marketing managers.

Project Management Cognate
The student will be able to:
• Develop project management planning from the operational and tactical levels.

Program of Study

Business Administration Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (55 hrs)</th>
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<tbody>
<tr>
<td>Courses in the Major (39 hrs)</td>
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<tr>
<td>ACCT 211 Principles of Accounting I</td>
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<tr>
<td>ACCT 212 Principles of Accounting II</td>
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<tr>
<td>ECON 214 Principles of Macroeconomics</td>
<td>3</td>
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<tr>
<td>BUSI 301 Business Law</td>
<td>3</td>
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<tr>
<td>BUSI 303 International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 310 Principles of Management</td>
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</tr>
<tr>
<td>BUSI 320 Corporate Finance</td>
<td>3</td>
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<tr>
<td>BUSI 330 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 340 Organizational Behavior</td>
<td>3</td>
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<tr>
<td>BUSI 342 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 409 Non-Profit Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 411 Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 472 Organizational Ethics</td>
<td>3</td>
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</tbody>
</table>

| Cognate Area Courses (15 hrs)          |  |
| Directed Courses (Required) (0-12 hrs)*|  |
| MATH 125 Finite Mathematics             | 3 |
| BUSI 201 Intermediate Business Computer | 3 |
| Applications                             |  |
| ECON 213 Principles of Microeconomics   | 3 |
| MATH 201 Introduction to Probability and Statistics | 3 |
| COMS 110 Introduction to Mass Communication | 3 |

| Free Electives (0-14 hrs)              |  |
| Graduation Requirements                |  |
| CRST 290 History of Life**             | 2-3 |

* Required for Communications Cognate
** CRST 290 can be included in Elective hours

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

<table>
<thead>
<tr>
<th>COMMUNICATIONS COGNATE</th>
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<tbody>
<tr>
<td>COMS 220 Mass Communication Writing</td>
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<tr>
<td>COMS 307 Principles of Advertising and Public Relations</td>
<td>3</td>
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<tr>
<td>COMS 345 Persuasion</td>
<td>3</td>
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<tr>
<td>COMS 356 Direct Marketing Communication</td>
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<tr>
<td>BUSI 490 Capstone: Human Resource and Marketing</td>
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<table>
<thead>
<tr>
<th>ECONOMICS COGNATE</th>
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<tbody>
<tr>
<td>GOVT 302 Modern Political and Economic Ideas</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 321 Money and the Financial System</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>BUSINESS ADMINISTRATION MAJOR (B.S.)</th>
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<tbody>
<tr>
<td>BUSI 405 Business and Economic Forecasting</td>
<td>3</td>
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<tr>
<td>BUSI 464 International Market Integration and Trade Agreements</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 491 Capstone: Economics and Finance</td>
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<table>
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<tr>
<th>FINANCE COGNATE</th>
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<tbody>
<tr>
<td>BUSI 321 Money and the Financial System</td>
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<tr>
<td>BUSI 322 Managerial Accounting</td>
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<tr>
<td>BUSI 420 Investments</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 405 Business and Economic Forecasting – OR</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 422 Real Estate – OR</td>
<td>3</td>
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<tr>
<td>BUSI 410 Managerial Economics</td>
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<tr>
<td>BUSI 491 Capstone: Economics and Finance</td>
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<thead>
<tr>
<th>HUMAN RESOURCE MANAGEMENT COGNATE</th>
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<tbody>
<tr>
<td>BUSI 343 Employee and Labor Relations</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 440 Compensation Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 443 Workforce Planning and Employment</td>
<td>3</td>
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<tr>
<td>BUSI 444 Human Resource Development</td>
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<tr>
<td>BUSI 490 Capstone: Human Resource and Marketing</td>
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<table>
<thead>
<tr>
<th>INTERNATIONAL BUSINESS COGNATE</th>
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<tbody>
<tr>
<td>BUSI 360 Contemporary Issues in International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 365 Global Industries and Operations</td>
<td>3</td>
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<tr>
<td>BUSI 464 International Market Integration and Trade Agreements</td>
<td>3</td>
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<tr>
<td>BUSI 465 Export Management Strategy</td>
<td>3</td>
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<tr>
<td>BUSI 492 Capstone: International Business and Project Management</td>
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<table>
<thead>
<tr>
<th>MARKETING COGNATE</th>
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<tbody>
<tr>
<td>BUSI 331 Marketing Research</td>
<td>3</td>
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<tr>
<td>BUSI 431 Sales Management and Professional Selling</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 433 Marketing Management</td>
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<tr>
<td>Choose one course (3 hrs) from the following:</td>
<td>3</td>
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<tr>
<td>BUSI 430 Promotion Strategy – OR</td>
<td>3</td>
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<tr>
<td>BUSI 435 Small Business Entrepreneurship – OR</td>
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<tr>
<td>BUSI 436 Marketing in a Virtual World</td>
<td>3</td>
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<tr>
<td>BUSI 437 Global Marketing</td>
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<tr>
<td>BUSI 490 Capstone: Human Resource and Marketing</td>
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<thead>
<tr>
<th>PROJECT MANAGEMENT COGNATE</th>
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<tbody>
<tr>
<td>BUSI 413 Foundations of Project Management</td>
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<tr>
<td>BUSI 414 Project Management I</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 415 Project Management II</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 416 Leading Global Projects</td>
<td>3</td>
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<tr>
<td>BUSI 492 Capstone: International Business and Project Management</td>
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<thead>
<tr>
<th>Business Administration Major (B.S.)</th>
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<tbody>
<tr>
<td>Teacher Licensure Requirements – Endorsement: Business</td>
<td></td>
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<table>
<thead>
<tr>
<th>General Education Requirements (55 hrs)</th>
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</thead>
<tbody>
<tr>
<td>Business Core (42 hrs)</td>
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</tr>
<tr>
<td>ACCT 211 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212 Principles of Accounting II</td>
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<tr>
<td>BUSI 411 Operations Management</td>
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<tr>
<td>BUSI 472 Organizational Ethics</td>
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</tbody>
</table>

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BUSI 320  Corporate Finance  3
BUSI 330  Principles of Marketing  3
BUSI 340  Organizational Behavior  3
BUSI 342  Human Resource Management  3
BUSI 409  Non-Profit Management  3
BUSI 411  Operations Management  3
BUSI 472  Organizational Ethics  3
BUSI 490  Capstone: Human Resource and Marketing  3

Teacher Licensure Requirements (30 hrs)
EDUC 125  Introduction to Education / Practicum  2
/ 126  1
EDUC 221  Content Area Reading and Differentiated  2
Teaching and Learning (Secondary)
EDUC 235  Instructional Design: Secondary /  1
/ 236  2
EDUC 360  Foundations of Education  2
EDUC 419  Secondary Teaching Methods / Practicum  2
/ 420  1
EDUC 425  Secondary Measurement and Evaluation  3
EDUC 435  Secondary Curriculum / Practicum  2
/ 436  1

Professional Semester
EDUC 475  Seminar in Classroom Management  2
EDUC 476  Student Teaching I  5
EDUC 477  Student Teaching II  5

Graduation Requirements (2 hrs minimum)
CRST 290  History of Life  2-3

TOTAL HOURS: 129 hours minimum required; at least 56 hours must be 300-400 level.

BUSINESS MANAGEMENT INFORMATION SYSTEMS (B.S.)

Purpose
The Business Management Information Systems (BMIS) discipline provides students with an applied knowledge of technology, focusing on the information side of the information technology industry. The BMIS discipline is concerned with ways in which computer technology can be optimized so that it can provide maximum benefit to a business.

Students in the BMIS major will study topics such as database management, information systems, networking and telecommunications, programming, project management, system analysis and design, and WWW architecture and design.

Program Learning Outcomes
The student will be able to:
1. Evaluate ethical business management information systems practices within the context of the Christian worldview.
2. Determine effective solutions to hypothetical and/or real life situations using core business management information systems principles and practices and/or tools and techniques.
3. Construct applications, designs, and plans in the areas of hardware, software, and web architecture for various program and database management systems.

Career Opportunities
Requirements Analyst  Information Specialist
Information Analyst  Computer Support Specialist
Information Systems Analyst  Help Desk Specialist
Programmer  Systems Testing Specialist
Business Systems Analyst  Database Administrator
Computer Systems Analyst  Computer Systems
Network Systems Analyst  Administrator

Data Communications  Network Systems
Analyst  Administrator
Information Systems  Teaching in Private and
Specialist  Public Schools

Program of Study

Business Management Information Systems Major

General Education Requirements (55 hrs)
Courses in the Major (42 hrs)
ACCT 211  Principles of Accounting I  3
ACCT 212  Principles of Accounting II  3
BUSI 301  Business Law  3
BUSI 310  Principles of Management  3
BMIS 200  Enterprise Business Applications and
Communications  3
BMIS 208  Application Programming  3
BMIS 310  Web Architecture and Development  3
BMIS 320  IS Hardware and Software  3
BMIS 325  Database Management Systems  3
BMIS 330  Business Data Communication Systems  3
BMIS 340  Studies in Information Security  3
BMIS 351  System Analysis and Design  3
BMIS 405  Business and Economic Forecasting  3
BMIS 460  IS Project Management  3

Cognate Courses (15 hrs)

Directed Courses (Required) (0-12 hrs)*
MATH 121  College Algebra  3
MATH 201  Introduction to Probability and Statistics  3
ECON 214  Principles of Macroeconomics  3
BUSI 201  Intermediate Business Computer
Applications  3
GOVT 200  Constitutional Government and Free
Enterprise  3

Free Electives (0-8 hrs)

Graduation Requirements (2-3 hrs)
CRST 290  History of Life**  2-3

1  GOVT 200 is required for Intelligence Cognate ONLY
* These courses may be counted in Foundational/Investigative Studies
** CRST 290 can be included in Elective hours

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

ACCOUNTING INFORMATION SYSTEMS COGNATE
ACCT 301  Intermediate Accounting I  3
ACCT 302  Intermediate Accounting II  3
ACCT 332  Accounting Information Systems  3
ACCT 404  Auditing  3
ACCT 432  IT Audit  3

APPLICATION DEVELOPMENT COGNATE
BMIS 209  C# Programming  3
BMIS 212  Object Oriented Programming  3
BMIS 312  Advanced Object-Oriented Programming  3
BMIS 375  Introduction to Human-Computer
Interaction  3
BMIS 410  Web Enterprise Technologies  3
## DATA NETWORKING COGNATE

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BMIS 331</td>
<td>Networks</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 335</td>
<td>Network Security</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 430</td>
<td>Advanced Networking and Communication Systems</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 470</td>
<td>Executive Perspectives on E-Commerce Technology</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 499</td>
<td>Internship – OR</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 410</td>
<td>Web Enterprise Technologies</td>
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## DATABASE COGNATE

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<tr>
<td>BMIS 212</td>
<td>Object Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 326</td>
<td>Introduction to Oracle</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 327</td>
<td>Advanced Oracle</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 425</td>
<td>Advanced Database Concepts</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 499</td>
<td>Internship – OR</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 410</td>
<td>Web Enterprise Technologies</td>
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## GAMING TECHNOLOGIES COGNATE

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<tr>
<td>BMIS 212</td>
<td>Object Oriented Programming</td>
<td>3</td>
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<tr>
<td>ARTS 222</td>
<td>Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 351</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 473</td>
<td>2D / 3D Graphics and Animation</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 474</td>
<td>Interactive Game Development</td>
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## GLOBAL STUDIES COGNATE

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<tr>
<td>GLST 200</td>
<td>Introduction to Global Studies</td>
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<tr>
<td>ICST 300</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ICST 341</td>
<td>Missionary Discipleship and Church Planning</td>
<td>3</td>
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<tr>
<td>ICST 350</td>
<td>World Religions</td>
<td>3</td>
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<tr>
<td>ICST 441</td>
<td>Career Missionary Preparation</td>
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## INFORMATION ASSURANCE COGNATE

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<td>BMIS 331</td>
<td>Networks</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 335</td>
<td>Network Security</td>
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<tr>
<td>BMIS 341</td>
<td>Information Security Planning</td>
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<td>BMIS 342</td>
<td>Cyber Security</td>
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<tr>
<td>BMIS 440</td>
<td>Digital Forensics</td>
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## INTELLIGENCE COGNATE

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<td>GOVT 380</td>
<td>Introduction to Intelligence</td>
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<td>GOVT 381</td>
<td>Intelligence Analysis</td>
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<td>GOVT 480</td>
<td>Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 481</td>
<td>Counter-Terrorial</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 483</td>
<td>Military Intelligence – OR</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 484</td>
<td>Strategic Intelligence</td>
<td></td>
</tr>
</tbody>
</table>

## WEB DEVELOPMENT COGNATE

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMIS 410</td>
<td>Web Enterprise Technologies</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 470</td>
<td>Executive Perspectives on E-Commerce Technology</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 222</td>
<td>Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 351</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 472</td>
<td>Interactive Multimedia</td>
<td>3</td>
</tr>
</tbody>
</table>

## Accounting Minor

**PROGRAM LEARNING OUTCOMES**

The student will be able to:
1. Demonstrate competence in basic accounting procedures and principles.
2. Communicate effectively using appropriate research style and methods.

### Accounting Minor (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 212</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 301</td>
<td>Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 311</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 401</td>
<td>Taxation</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 301</td>
<td>Business Law</td>
<td>3</td>
</tr>
</tbody>
</table>

## Business Minor

**PROGRAM LEARNING OUTCOMES**

The student will be able to:
1. Demonstrate competence in core business principles and strategies.
2. Communicate effectively using appropriate research style and methods.

### Business Minor (18 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 211</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ECON 214</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 301</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 310</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 472</td>
<td>Organizational Ethics</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 303</td>
<td>International Business – OR</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 330</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

## Business Management Information Systems Minor

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMIS 200</td>
<td>Enterprise Business Applications and Communications</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 208</td>
<td>Application Programming</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 212</td>
<td>Object-Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 325</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 351</td>
<td>System Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 405</td>
<td>Business and Economic Forecasting</td>
<td>3</td>
</tr>
</tbody>
</table>

## DEGREE COMPLETION PLANS

Degree Completion Plans for programs offered by the School of Business can be accessed online at: [http://www.liberty.edu/dcps](http://www.liberty.edu/dcps).
PURPOSE
To educate our Business students with the values, knowledge, and skills they need in the development of the whole person to enable them to impact their world.

Accounting Major
PROGRAM LEARNING OUTCOMES (B.S.)
The student will be able to:
1. Critically evaluate business transactions in accordance with generally accepted accounting principles within the various fields of the accounting discipline.
2. Analyze accounting transactions of third party preparers in accordance with generally accepted auditing standards.
3. Communicate effectively in written, oral, and technical venues.
4. Identify, evaluate, and appropriately deal with ethical dilemmas from a sound moral and biblical perspective.

PROGRAM LEARNING OUTCOMES (A.A.)
The student will be able to:
1. Demonstrate competence in basic accounting procedures and principles.
2. Communicate effectively using appropriate research style and methods.

Programs of Study

Accounting Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (39 hrs)</th>
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<tbody>
<tr>
<td>Courses in the Major (36 hrs)</td>
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<tr>
<td>ACCT 211 Principles of Accounting I</td>
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<td>ACCT 212 Principles of Accounting II</td>
<td>3</td>
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<tr>
<td>ACCT 301 Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 302 Intermediate Accounting II</td>
<td>3</td>
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<tr>
<td>ACCT 311 Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 332 Accounting Information Systems</td>
<td>3</td>
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<tr>
<td>ACCT 401 Taxation I</td>
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<tr>
<td>ACCT 402 Advanced Accounting</td>
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<tr>
<td>ACCT 403 Governmental and Not-for-Profit</td>
<td>3</td>
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<tr>
<td></td>
<td>Accounting</td>
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<tr>
<td>ACCT 404 Auditing</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 412 Taxation II</td>
<td>3</td>
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<td>ACCT 441 Capstone: Accounting</td>
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<td>Directed Electives (18 hrs)</td>
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<td>BUSI and/or ECON Electives (300-400 level)</td>
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<tr>
<td>Free Electives (17 hrs)</td>
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TOTAL HOURS: 120 minimum; at least 30 hours must be upper level

Accounting Major (A.A.)

<table>
<thead>
<tr>
<th>General Education Requirements (39 hrs)</th>
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<tbody>
<tr>
<td>Courses in the Major (21 hrs)</td>
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<tr>
<td>ACCT 211 Principles of Accounting I</td>
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<tr>
<td>ACCT 212 Principles of Accounting II</td>
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<td>ACCT 301 Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 302 Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 301 Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Prior BUSI 222 (Liberty or transfer)</td>
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</tr>
<tr>
<td>credit may be substituted for ACCT 311</td>
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<tr>
<td>May take ECON 214. BUSI 322 is not recommended</td>
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</tr>
<tr>
<td>TOTAL HOURS: 60 minimum</td>
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</tbody>
</table>

Business Administration Major (B.S.)
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Recognize ethical business practices within the context of the Christian worldview.
2. Use core business concepts and strategies to determine effective solutions to hypothetical and/or real life situations.
3. Apply business principles in the areas of: Legal Environment, Economics, Business Ethics, and Global Dimensions.
4. Identify and select appropriate Business strategies and policies.

Communications Cognate
The student will be able to:
- Evaluate business communication effectiveness in various contexts.

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

Entrepreneurship Cognate
The student will be able to:
- Apply business theories and practices to entrepreneurial environments.

Finance Cognate
The student will be able to:
- Demonstrate the application of various financial analytical decision-making methods utilized by financial managers.

Healthcare Management Cognate
The student will be able to:
- Evaluate policies and ethical issues in healthcare settings.

International Business Cognate
The student will be able to:
- Demonstrate the application of various international business analytical and decision-making methods utilized by global managers.

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

Project Management Cognate
The student will be able to:
- Develop project management planning from the operational and tactical levels.
**Public Administration Cognate**

The student will be able to:
- Develop public administration plans that reflect the theories that shape public administration.

**Programs of Study**

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

<table>
<thead>
<tr>
<th>General Education Requirements (39 hrs)</th>
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<tbody>
<tr>
<td>Courses in the Major (42 hrs)</td>
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<tr>
<td>ACCT 211  Principles of Accounting I</td>
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<tr>
<td>ACCT 212  Principles of Accounting II*</td>
<td>3</td>
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<tr>
<td>ECON 214  Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 301  Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 303  International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 310  Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 320  Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 330  Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 340  Organizational Behavior I</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 342  Human Resources Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 400*  Strategic Planning/Business Policy</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 409  Non-Profit Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 411  Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 472  Organizational Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Cognate Courses (12 hrs)</td>
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</tr>
<tr>
<td>Free Electives (27 hrs)</td>
<td></td>
</tr>
</tbody>
</table>

* Capstone course to be completed in final semester

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

**GENERAL COGNATE**

Choose four courses (12 hrs) from upper-level accounting, business and/or economics courses

**COMMUNICATIONS COGNATE**

| COMS 220  Mass Communication Writing | 3 |
| COMS 307  Principles of Advertising and Public Relations | 3 |
| COMS 345  Persuasion                 | 3 |
| COMS 356  Direct Marketing Communication | 3 |

**ECONOMICS COGNATE**

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

**ENTREPRENEURSHIP COGNATE**

| BUSI 423  Franchising                     | 3 |
| BUSI 424  E-Commerce                     | 3 |
| BUSI 425  Family Business Management      | 3 |
| BUSI 435  Small Business Management       | 3 |

**FINANCE COGNATE**

| BUSI 223  Personal Finance               | 3 |
| BUSI 321  Money and the Financial System | 3 |
| BUSI 322  Managerial Accounting          | 3 |
| BUSI 420  Investments                    | 3 |

**HEALTHCARE MANAGEMENT COGNATE**

| HLTH 252  Drugs in Society               | 3 |
| HLTH 350  Introduction to Public and Community Health | 3 |
| HLTH 420  Principles of Behavior Change and Health Counseling | 3 |
| HLTH 491  Grantsmanship                  | 3 |

**INTERNATIONAL BUSINESS COGNATE**

| BUSI 360  Contemporary Issues in International Business | 3 |
| BUSI 365  Global Industries and Operations           | 3 |
| BUSI 464  International Market Integration and Trade Agreements | 3 |
| BUSI 465  Export Management Strategy                | 3 |

**MARKETING COGNATE**

| BUSI 321  Money and the Financial System   | 3 |
| BUSI 331  Marketing Research               | 3 |
| BUSI 430  Promotion Strategy               | 3 |
| BUSI 433  Marketing Management             | 3 |

**PROJECT MANAGEMENT COGNATE**

| BUSI 413  Foundations of Project Management | 3 |
| BUSI 414  Project Management I             | 3 |
| BUSI 415  Project Management II            | 3 |
| BUSI 416  Leading Global Projects          | 3 |

**PUBLIC ADMINISTRATION COGNATE**

| GOVT 360  Introduction to Public Administration | 3 |
| GOVT 462  Public Finance and Budgeting         | 3 |
| GOVT 470  Government Regulations of Business  | 3 |
| GOVT 475  Advanced Public Administration       | 3 |

**Business Management Information Systems Major (B.S.)**

**PURPOSE**

The Business Management Information Systems (BMIS) discipline provides students with an applied knowledge of technology, focusing on the information side of the information technology industry. The BMIS discipline is concerned with ways in which computer technology can be optimized so that it can provide maximum benefit to a business.

Students in the BMIS major will study topics such as database management, information systems, networking and telecommunications, programming, project management, system analysis and design, and WWW architecture and design.

**PROGRAM LEARNING OUTCOMES**

The student will be able to:
1. Evaluate ethical business management information systems practices within the context of the Christian Worldview.
2. Determine effective solutions to hypothetical and/or real life situations using core business management information systems principles and practices and/or tools and techniques.
3. Construct applications, designs and plans in the areas of hardware, software and web architecture for various program and database systems.

### Program of Study

#### Business Management Information Systems Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (42 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (42 hrs)</td>
</tr>
<tr>
<td>ACCT 211 Principles of Accounting I</td>
</tr>
<tr>
<td>ACCT 212 Principles of Accounting II</td>
</tr>
<tr>
<td>BUSI 301 Business Law</td>
</tr>
<tr>
<td>BUSI 310 Principles of Management</td>
</tr>
<tr>
<td>BMIS 200 Enterprise Business Applications and Communications</td>
</tr>
<tr>
<td>BMIS 208 Application Programming²</td>
</tr>
<tr>
<td>BMIS 310 Web Architecture and Development</td>
</tr>
<tr>
<td>BMIS 320 IS Hardware and Software</td>
</tr>
<tr>
<td>BMIS 325 Database Management Systems</td>
</tr>
<tr>
<td>BMIS 330 Business Data Communication Systems</td>
</tr>
<tr>
<td>BMIS 340 Studies in Information Security</td>
</tr>
<tr>
<td>BMIS 351 System Analysis and Design</td>
</tr>
<tr>
<td>BMIS 345 Business and Economic Forecasting</td>
</tr>
<tr>
<td>BMIS 350 IS Project Management</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cognate Courses (15 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free Electives (21 hrs)</td>
</tr>
</tbody>
</table>

³ MATH 110 (minimum grade of “C”) or equivalent is a prerequisite for MATH 121, 201 and BMIS 200

² BMIS 201 (minimum grade of “C”) is a prerequisite for BMIS 208

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

### ACCOUNTING INFORMATNS SYSTEMS COGNATE

| ACCT 301 Intermediate Accounting I | 3 |
|------------------------------------|
| ACCT 302 Intermediate Accounting II | 3 |
| ACCT 332 Accounting Information Systems | 3 |
| ACCT 404 Auditing                  | 3 |
| ACCT 432 IS Audit                  | 3 |

### APPLICATION DEVELOPMENT COGNATE

| BMIS 209 C# Programming            | 3 |
| BMIS 212 Object Oriented Programming | 3 |
| BMIS 312 Advanced Object-Oriented Programming | 3 |
| BMIS 375 Introduction to Human-Computer Interaction | 3 |
| BMIS 410 Web Enterprise Technologies | 3 |

### DATA NETWORKING COGNATE

| BMIS 331 Networks                   | 3 |
| BMIS 335 Network Security           | 3 |
| BMIS 430 Advanced Networking and Communication Systems | 3 |
| BMIS 470 Executive Perspectives on E-Commerce Technology | 3 |
| BMIS 499 Internship – OR            | 3 |
| BMIS 410 Web Enterprise Technologies | 3 |

### DATABASE COGNATE

| BMIS 212 Object Oriented Programming | 3 |
| BMIS 326 Introduction to Oracle     | 3 |
| BMIS 327 Advanced Oracle            | 3 |
| BMIS 425 Advanced Database Concepts | 3 |

### GMING TECHNOLOGIES COGNATE

| BMIS 212 Object Oriented Programming | 3 |
| ARTS 222 Desktop Publishing         | 3 |
| ARTS 351 Digital Imaging            | 3 |
| ARTS 473 2D / 3D Graphics and Animation | 3 |
| ARTS 474 Interactive Game Development | 3 |

### GLOBAL STUDIES COGNATE

| GLST 200 Introduction to Global Studies | 3 |
| ICST 300 Cultural Anthropology        | 3 |
| ICST 341 Missionary Discipleship and Church Planting | 3 |
| ICST 350 World Religions              | 3 |
| ICST 441 Career Missionary Preparation | 3 |

### INFORMATION ASSURANCE COGNATE

| BMIS 331 Networks                   | 3 |
| BMIS 335 Network Security           | 3 |
| BMIS 341 Information Security Planning | 3 |
| BMIS 342 Cyber Security             | 3 |
| BMIS 440 Digital Forensics          | 3 |

### INTELLIGENCE COGNATE

| GOVT 380 Introduction to Intelligence | 3 |
| GOVT 381 Intelligence Analysis       | 3 |
| GOVT 480 Terrorism                   | 3 |
| GOVT 481 Counter-Terrorism           | 3 |
| GOVT 483 Military Intelligence – OR  | 3 |
| GOVT 484 Strategic Intelligence      | 3 |

### WEB DEVELOPMENT COGNATE

| BMIS 410 Web Enterprise Technologies | 3 |
| BMIS 470 Executive Perspectives on E-Commerce Technology | 3 |
| ARTS 222 Desktop Publishing          | 3 |
| ARTS 351 Digital Imaging             | 3 |
| ARTS 472 Interactive Multimedia      | 3 |

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**Business Major (A.A.)**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate competence in core business principles and strategies.
2. Communicate effectively using appropriate research style and methods.

### Program of Study

#### Business Major (A.A.)

<table>
<thead>
<tr>
<th>General Education Requirements (39 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (21 hrs)</td>
</tr>
<tr>
<td>ACCT 211 Principles of Accounting I</td>
</tr>
<tr>
<td>ACCT 212 Principles of Accounting II</td>
</tr>
<tr>
<td>BUSI 300 Business Communications</td>
</tr>
<tr>
<td>BUSI 301 Business Law</td>
</tr>
<tr>
<td>BUSI 303 International Business</td>
</tr>
<tr>
<td>BUSI 310 Principles of Management</td>
</tr>
<tr>
<td>BUSI Elective</td>
</tr>
</tbody>
</table>

**TOTAL HOURS**: 60 minimum
### Business Management Information Systems Major (A.A.)

#### PROGRAM LEARNING OUTCOMES
The student will be able to:
- Determine effective solutions to hypothetical and/or real life situations using core business management information systems principles and practices and/or tools and techniques.

#### Program of Study

<table>
<thead>
<tr>
<th>Courses in the Major (21 hrs)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSI 301 Business Law</td>
<td>3</td>
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<tr>
<td>BUSI 310 Principles of Management</td>
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<tr>
<td>BMIS 200 Enterprise Business Applications and Communications(^1)</td>
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<tr>
<td>BMIS 208 Application Programming(^2)</td>
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<tr>
<td>BMIS 310 Web Architecture and Development</td>
<td>3</td>
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<tr>
<td>OR BMIS 330 Business Data Communication Systems</td>
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<tr>
<td>BMIS 325 Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 351 System Analysis and Design</td>
<td>3</td>
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</tbody>
</table>

\(^1\) MATH 110 (minimum grade of “C”) or equivalent is a prerequisite for MATH 121, 201 and BMIS 200
\(^2\) BMIS 201 (minimum grade of “C”) is a prerequisite for BMIS 208

**TOTAL HOURS:** 60 minimum; at least 36 hrs must be upper level

#### Liberty University en Español
The School of Business also offers the Associate of Arts in Business and an Advanced Certificate in Business online through Liberty University en Español. Additional information is available at [http://www.luonline.com/index.cfm?PID=21499](http://www.luonline.com/index.cfm?PID=21499).

#### DEGREE COMPLETION PLANS
Degree Completion Plans for online programs offered by the School of Business can be accessed at: [http://www.liberty.edu/index.cfm/PID=23423](http://www.liberty.edu/index.cfm/PID=23423).

---

### Accounting Minor

#### PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate competence in basic accounting procedures and principles.
2. Communicate effectively using appropriate research style and methods.

<table>
<thead>
<tr>
<th>Accounting Minor (15 hrs)</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
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<td>3</td>
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<tr>
<td>ACCT 212 Principles of Accounting II</td>
<td>3</td>
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<tr>
<td>ACCT 301 Intermediate Accounting I</td>
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<tr>
<td>ACCT 311 Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 401 Taxation I</td>
<td>3</td>
</tr>
</tbody>
</table>

### Business Minor

#### PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate competence in core business principles and strategies.
2. Communicate effectively using appropriate research style and methods.

<table>
<thead>
<tr>
<th>Business Minor (15 hrs)</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ACCT 211 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 301 Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 310 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>BUSI 330 Principles of Marketing</td>
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</tr>
<tr>
<td>BUSI Upper-level Business Elective</td>
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### Business Management Information Systems Minor

#### Business Management Information Systems Minor (15 hrs)

<table>
<thead>
<tr>
<th>Courses in the Major (21 hrs)</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>BMIS 208 Application Programming</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 212 Object-Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>BMIS 325 Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>BMIS Upper-level Electives</td>
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</tr>
</tbody>
</table>
School of Communication

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

PURPOSE
The School of Communication, comprised of the Department of Communications Studies, the Department of Studio and Digital Arts, and the Center for Cinematic Arts offers undergraduate degrees in Communication Studies, with concentrations in Advertising/Public Relations, Broadcasting, Journalism, and Speech Communication; a major in Studio and Digital Arts with concentrations in Graphic Design and Studio Art; and a major in Cinematic Arts. The School strives to educate committed Christians in the art, theory, and practice of oral, written and artistic communication.

TEACHER LICENSURE
Teacher preparation and endorsement is available in Art Education. Add-on endorsements in journalism, 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.

DEGREE COMPLETION PLANS
Degree Completion Plans for programs offered by the School of Communication can be accessed at: http://www.liberty.edu/dcps.

Department of Communication Studies

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

FACULTY
Professor
Graves, D., Graves, M., Kelly, Kramer, Pruitt, Schwartz, Windsor
Associate Professor
Alban, Jr., Allison, Beavers, L., Lyster, Martin, C., Mullen, F., Mullen, W.
Assistant Professor
Huff, Widgeon
Instructor
Dewherst, Gerstner, Kirk
Lecturer
Bonebright

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

Advertising and Public Relations Concentration
The student will be able to:
- Develop strategic communication tactics, programs and campaigns.

Digital Media Concentration
The student will be able to:
- Create media narratives and programming using the professional models of pre-production, production, and post-production.

Journalism Concentration
The student will be able to:
- Prepare news stories in a format and style appropriate for print and electronic media.

Speech Communication Concentration
The student will be able to:
- Critically evaluate communication effectiveness in various contexts.

Career Opportunities

Communication Studies
Advertising
Business
Education
Film
Journalism

Combined Skills
Communication Studies and Studio and Digital Arts
Acting
Copy Editing
Copy Writing
Corporate Team Building
Editing Publications
Graphic Illustration
Lobbying
News Anchor
News Directing

Programs of Study

<table>
<thead>
<tr>
<th>Communication Studies Major (B.S.)</th>
<th>Advertising &amp; Public Relations Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (55 hrs)</td>
<td>Core Courses (12 hrs)</td>
</tr>
<tr>
<td>COMS 110 Introduction to Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMS 210 Communication Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COMS 250 Mass Communication Writing</td>
<td>3</td>
</tr>
<tr>
<td>COMS 360 Professional Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

| Advertising & Public Relations Concentration (30 hrs) |
| ARTS 222 Desktop Publishing | 3 |
| COMS 223 Audio/Video Basics | 3 |
| COMS 234 Copy Editing | 3 |
| COMS 307 Principles of Ad and PR | 3 |
| ARTS 340 Publication Design | 3 |
**SCHOOL OF COMMUNICATION**

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

**Digital Media Concentration (36 hrs)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 324</td>
<td>Fundamentals of Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>COMS 325</td>
<td>Fundamentals of Video Production</td>
<td>3</td>
</tr>
<tr>
<td>COMS 369</td>
<td>Chronicle of Motion Pictures and Television</td>
<td>3</td>
</tr>
<tr>
<td>COMS 385-</td>
<td>Communication Practicum</td>
<td>3</td>
</tr>
<tr>
<td>394; 396-399</td>
<td>(1 hour X 3 semesters) [2 must be related to Broadcasting]</td>
<td></td>
</tr>
<tr>
<td>COMS 484</td>
<td>Communication Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>COMS 488</td>
<td>Survey of Media Business Practices</td>
<td>3</td>
</tr>
<tr>
<td>COMS 498</td>
<td>Senior Portfolio</td>
<td>3</td>
</tr>
<tr>
<td>COMS 499</td>
<td>Internship</td>
<td>3</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 323</td>
<td>Script Writing</td>
<td>3</td>
</tr>
<tr>
<td>COMS 333</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td>COMS 473</td>
<td>TV News Production</td>
<td>3</td>
</tr>
<tr>
<td>COMS 483</td>
<td>Advanced TV</td>
<td>3</td>
</tr>
</tbody>
</table>

**Audio:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 324</td>
<td>Announcing</td>
<td>3</td>
</tr>
<tr>
<td>COMS 334</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>COMS 454</td>
<td>Radio News</td>
<td>3</td>
</tr>
<tr>
<td>COMS 474</td>
<td>Advanced Audio</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (17 hrs) [11 hrs must be upper level]**

**Graduation Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST 290</td>
<td>History of Life*</td>
<td>2-3</td>
</tr>
</tbody>
</table>

**Speech Communication Concentration (30 hrs)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 315</td>
<td>Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>COMS 325</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMS 330</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMS 335</td>
<td>Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>COMS 345</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>COMS 355</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMS 455</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COMS 465</td>
<td>Rhetorical Theory</td>
<td>3</td>
</tr>
<tr>
<td>COMS 475</td>
<td>Criticism of Public Address</td>
<td>3</td>
</tr>
<tr>
<td>COMS 499</td>
<td>Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

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

**Journalism Concentration**

**General Education Requirements (55 hrs)**

**Core Courses (12 hrs)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 110</td>
<td>Introduction to Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMS 210</td>
<td>Communication Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COMS 220</td>
<td>Mass Communication Writing</td>
<td>3</td>
</tr>
<tr>
<td>COMS 360</td>
<td>Professional Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**Journalism Concentration (30 hrs)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 234</td>
<td>Copy Editing</td>
<td>3</td>
</tr>
<tr>
<td>COMS 354</td>
<td>News Writing</td>
<td>3</td>
</tr>
<tr>
<td>COMS 388-</td>
<td>Professional Practicum</td>
<td>3</td>
</tr>
<tr>
<td>399</td>
<td>(1 hour X 3 semesters) [2 must be related to Journalism]</td>
<td></td>
</tr>
<tr>
<td>COMS 484</td>
<td>Communication Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>COMS 485</td>
<td>Investigative Reporting</td>
<td>3</td>
</tr>
<tr>
<td>COMS 499</td>
<td>Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Select either Print Track or Broadcast Track (12 hrs):**

**Print Track:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 222</td>
<td>Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td>ARTS 340</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>COMS 482</td>
<td>Specialized Publications</td>
<td>3</td>
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</table>

**Broadcast Track:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 223</td>
<td>Audio-Video Basics</td>
<td>3</td>
</tr>
<tr>
<td>COMS 324</td>
<td>Announcing</td>
<td>3</td>
</tr>
<tr>
<td>COMS 473</td>
<td>TV News Production</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose one course (3 hrs) from the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 373</td>
<td>Editorial and Opinion</td>
<td>3</td>
</tr>
<tr>
<td>COMS 374</td>
<td>Magazine Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 110</td>
<td>Survey of Economics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (0-23 hrs) [9 hrs must be upper level]**

**Graduation Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST 290</td>
<td>History of Life*</td>
<td>2-3</td>
</tr>
</tbody>
</table>

**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.
- CRST 290 can be included as elective hours.
- Select either Print Track or Broadcast Track (12 hrs): Have CRST 290 can be included as elective hours.
- Select the Print or Broadcast Track: 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.

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

**Speech Communication Concentration**

**General Education Requirements (55 hrs)**

**Core Courses (12 hrs)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>COMS 110</td>
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<td>Mass Communication Writing</td>
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**Speech Communication Concentration (30 hrs)**

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<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>COMS 325</td>
<td>Interpersonal Communication</td>
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<td>COMS 330</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMS 335</td>
<td>Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>COMS 345</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>COMS 355</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMS 455</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>COMS 465</td>
<td>Rhetorical Theory</td>
<td>3</td>
</tr>
<tr>
<td>COMS 475</td>
<td>Criticism of Public Address</td>
<td>3</td>
</tr>
<tr>
<td>COMS 499</td>
<td>Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (0-23 hrs) [3 hrs must be upper level]**

**Graduation Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Hours</th>
</tr>
</thead>
<tbody>
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</table>

**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.
- CRST 290 can be included as elective hours.
- Select either Print Track or Broadcast Track (12 hrs): Have CRST 290 can be included as elective hours.
- Select the Print or Broadcast Track: 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.
**Department of Studio and Digital Arts**

**A. Todd Smith, B.A., B.S., M.F.A.**  
Chair, Department of Studio and Digital Arts  
Associate Professor of Studio and Digital Arts

**FACULTY**  
Professor  
Glaze, S., Sumner  
Associate Professor  
Davis, D. C., Edman, Palmer, Slayton, Smith, A.T.  
Assistant Professor  
Cannon, Reynolds  
Instructor  
Isaacson, Maloney, Phillips, C.

**PURPOSE**  
The purpose of the Department of Studio and Digital Arts is to produce visual artists, graphic designers and art educators rooted in a Christ-centered perspective that governs every decision, action and work of art they undertake in the field of visual art.

**Studio and Digital Arts Major (B.S.)**  
The purpose of the Studio and Digital Arts major is to strive to prepare students, whether studio art or graphic design, who will:  
- Use their professional skills to complement their moral and ethical values;  
- Possess both theoretical and historical understanding of studio and digital arts; and  
- Make practical application of knowledge in professional and personal contexts as a communicator in the field of visual art.

**PROGRAM LEARNING OUTCOMES**  
The student will be able to:  
1. Critically analyze visual imagery in relation to history and culture;  
2. Effectively articulate the meaning of visual imagery;  
3. Visualize, conceptualize, and create visual imagery using traditional and digital materials, media, methods and techniques;  
4. Integrate a Christian worldview with best practices for creating visual imagery.

**Career Opportunities**  
Communication Studies and Studio and Digital Arts  
Advertising  
Ministry  
Business  
Public Relations  
Education  
Radio  
Film  
Sales  
Journalism  
Television  
Combined Skills  
(Communication Studies and Studio and Digital Arts)  
Acting  
News Reporting  
Copy Editing  
Public Relations  
Copy Writing  
Reporting  
Corporate Team Building  
Communications Research  
Editing Publications  
Social Work  
Graphic Illustration  
Speech Writing  
Lobbying  
Teaching  
News Anchor  
Tutoring  
News Directing  
Web Design

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**CRST 290** can be included as elective hours.

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

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

<table>
<thead>
<tr>
<th><strong>Crisis Communication Minor</strong> (15 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 220 Mass Communication Writing 3</td>
</tr>
<tr>
<td>COMS 335 Argumentation – OR 3</td>
</tr>
<tr>
<td>COMS 345 Persuasion 3</td>
</tr>
<tr>
<td>COMS 355 Organizational Communication 3</td>
</tr>
<tr>
<td>COMS 360 Professional Communication 3</td>
</tr>
<tr>
<td>COMS 490 Crisis Communication 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Journalism Minor</strong> (18 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 220 Mass Communication Writing 3</td>
</tr>
<tr>
<td>COMS 234 Copy Editing 3</td>
</tr>
<tr>
<td>COMS 354 News Writing 3</td>
</tr>
<tr>
<td><strong>Choose one course (3 hrs) from the following:</strong></td>
</tr>
<tr>
<td>ARTS 222 Desktop Publishing</td>
</tr>
<tr>
<td>COMS 223 Audio/Video Basics</td>
</tr>
<tr>
<td><strong>Choose two courses (6 hrs) from the following:</strong></td>
</tr>
<tr>
<td>ARTS 340 Publication Design</td>
</tr>
<tr>
<td>COMS 374 Magazine Writing</td>
</tr>
<tr>
<td>COMS 473 TV News Production</td>
</tr>
<tr>
<td>COMS 485 Investigative Reporting</td>
</tr>
<tr>
<td>COMS 399 Ad Team</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Speech Minor</strong> (15 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 210 Communication Perspectives 3</td>
</tr>
<tr>
<td><strong>Any four (4) from the following courses:</strong></td>
</tr>
<tr>
<td>COMS 315 Oral Interpretation 3</td>
</tr>
<tr>
<td>COMS 325 Interpersonal Communication 3</td>
</tr>
<tr>
<td>COMS 330 Small Group Communication 3</td>
</tr>
<tr>
<td>COMS 335 Argumentation 3</td>
</tr>
<tr>
<td>COMS 345 Persuasion 3</td>
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<tr>
<td>COMS 355 Organizational Communication 3</td>
</tr>
<tr>
<td>COMS 455 Communication Theory 3</td>
</tr>
<tr>
<td>COMS 465 Rhetorical Theory 3</td>
</tr>
<tr>
<td>COMS 475 Criticism of Public Address 3</td>
</tr>
</tbody>
</table>
## Programs of Study

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

**General Education Requirements (55 hrs)**

**Major Core Courses (15 hrs)**
- ARTS 113 - Introduction to Design
- ARTS 201 - History of Art
- ARTS 210 - Drawing I
- ARTS 222 - Desktop Publishing
- ARTS 300 - Art as Communication

**Concentration Courses (30 hrs)**

**Free Electives (20 hrs) [6 hrs must be upper level]**

**Graduation Requirements**
- CRST 290 - History of Life* 2-3

* CRST 290 can be included as elective hours

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

### Graphic Design Concentration

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

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

### Studio Art Concentration

- ARTS 310 - Drawing II
- ARTS 320 - Painting I
- ARTS 330 - Sculpture I
- ARTS 361 - Digital Photography
- ARTS 420 - Painting II
- ARTS 430 - Sculpture II
- ARTS 492 - Professional Practices
- ARTS 499 - Internship
- ARTS - Upper-level Electives

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

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

**Teacher Licensure Requirements – Endorsement: Studio Art**

**General Education Requirements (55 hrs)**

**Studio and Digital Arts Core Courses (15 hrs)**
- ARTS 223 - Typography
- ARTS 332 - Digital Illustration
- ARTS 341 - Graphic Design
- ARTS 351 - Digital Imaging
- ARTS 371 - Advanced Graphics
- ARTS 472 - Interactive Media
- ARTS 473 - 2D/3D Graphics and Animation
- ARTS 492 - Professional Practices
- ARTS 499 - Internship
- ARTS - Upper-level Electives

**Directed Courses (Required) (0-3 hrs)**
- PSYC 210 - Developmental Psychology

**Teacher Licensure Requirements (27 hrs)**
- ARTS 113 - Introduction to Design
- ARTS 201 - History of Art
- ARTS 210 - Drawing I
- ARTS 222 - Desktop Publishing
- ARTS 300 - Art as Communication

**Choose one of the following focused areas:**
- **Drawing:** ARTS 210 and 310
- **Painting:** ARTS 320 and 420
- **Sculpture:** ARTS 330 and 430
- **Photography:** ARTS 361 and 461

**ARTS Electives** 9

(Students may choose a second cognate to fulfill 9 hours)

* C or above required in prerequisite courses
Center for Cinematic Arts

Stephan Schultz, B.A., M.A.
Executive Director, Center for Cinematic Arts

FACULTY
Professor
Babcock, M., Kramer
Associate Professor
Cooper, Martin, C., Smith, A.T.

PURPOSE
Cinema is a unique form of communication and the purpose of the Center for Cinematic Arts is to glorify God by reflecting the truths of Scripture through cinema. The Center for Cinematic Arts at Liberty University is distinctive because of its approach in training the next generation of filmmakers in a Christ-focused environment. Dr. Jerry Falwell coined “Saturation Evangelism” as the ability to reach every available person through every available means. Liberty University’s Center for Cinematic Arts supports the scope of that mission.

Cinematic Arts Major (B.S.)
Learning how to create impactful and professionally produced films that have a competitive edge will help insure that new filmmakers and the message of Christ will stand out in a content driven marketplace.

The B.S. in Cinematic Arts is a 2-year full immersion*, cohort **program that students enter in their junior year. Students who have completed their general education, CINE 201/COMS 323, CINE 202, and CINE 203, and who will be juniors as of Fall 2012, can apply for admission to the Center for Cinematic Arts program.

*FULL IMMERSION – 5 days a week instruction that could include 8-12 hours with professors a day. This hands-on instruction will produce the best learning environment, mirroring a real world model for product driven outcomes. MWF Convocation attendance will not be compromised.

**COHORT – A fixed group of 16-20 students who have been accepted into the Cinematic Arts Major after applying to continue in the B.S. in Cinematic Arts program. (Cohort students are advised not to take classes outside of the B.S Cinematic Arts Major)

NOTE: Admission to continue in the B.S. in Cinematic Arts is an application and acceptance process. If possible, it is advised that students declare Cinematic Arts as their major their freshman year. Students must work closely with their academic advisor as they work through their Degree Completion Plan (DCP) and should schedule a meeting with a faculty member in the Cinematic Arts Program to gain insight on the application process and ask questions as needed.

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Integrate thematic values in storytelling.
2. Determine personnel and technical elements relevant to the visual content of the story.
3. Evaluate the distribution model for a movie.
4. Justify moral decisions related to moviemaking based biblical worldview/principles.

PROGRAM APPLICATION PROCEDURES
In order to continue in the Cinematic Arts Program, students must be accepted into the program through an application process that starts second semester of a student’s sophomore year. In addition to the general admission requirements, students must meet the following admission requirements to apply to continue into the program in their Junior year:

- Unofficial university transcripts that provide proof of completion of CORE classes: COMS 323/CINE 201, CINE 202, and 203 with at least a B average
- Two letters of recommendation from:
  - University instructor or staff member
  - Past or present employer or peer
- Essay/pitch (1,000 words) telling the story of a film the student wants to make
- Written letter explaining why the student wants to be a filmmaker and a declaration of documentary or narrative study
- Oral interview (by appointment)

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

TRANSFER STUDENTS
Transfer students will be required to meet the same application procedures as resident students with one exception:
If they are transferring into Liberty University in their Junior year, they will need to attend summer session to take the CORE courses in order to meet the program application procedures. A commitment to the summer session should be noted in the applicant’s letter of interest. Summer sessions are delivered in two, one-week intensives.

Career Opportunities
Producer
Cinematographer
Director
Production Assistant
Screenwriter
Film and Video Editor
Assistant Editor
Animator
Sound Effects Editor
Marketing Manager
Multimedia Artist
Promotion Manager

Program of Study

<table>
<thead>
<tr>
<th>Cinematic Arts Major (B.S.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (55 hrs)</td>
</tr>
<tr>
<td><strong>Major Core Courses (9 hrs)</strong></td>
</tr>
<tr>
<td>COMS 323 Scriptwriting for Visual Media</td>
</tr>
<tr>
<td>CINE 202 Introduction to Motion Picture Directing</td>
</tr>
<tr>
<td>CINE 203 Introduction to Cinematography</td>
</tr>
<tr>
<td><strong>Concentration Courses (60 hrs)</strong></td>
</tr>
<tr>
<td>BUSI 301 Business Law</td>
</tr>
<tr>
<td>BUSI 435 Small Business Entrepreneurship</td>
</tr>
<tr>
<td>CINE 305 Editing</td>
</tr>
<tr>
<td>CINE 350 Thesis Film Production</td>
</tr>
<tr>
<td>CINE 352 Alternative Distribution Analysis</td>
</tr>
<tr>
<td>CINE 353 Feature Screenwriting</td>
</tr>
<tr>
<td>CINE 400 Feature Pre-Production</td>
</tr>
<tr>
<td>CINE 402 Feature Production</td>
</tr>
<tr>
<td>CINE 451 Post Production</td>
</tr>
<tr>
<td>CINE 452 Post Visual Effects – OR</td>
</tr>
<tr>
<td>CINE 499 Cinema Internship</td>
</tr>
<tr>
<td>CINE 453 Feature Distribution and Marketing – OR</td>
</tr>
<tr>
<td>CINE 499 Cinema Internship</td>
</tr>
</tbody>
</table>

Liberty University Undergraduate Catalog – 2011-2012
COMS 333  Video Production  3
COMS 345  Persuasion  3
COMS 474  Advanced Audio Production  3
HUMN 301  Film as Art  3
MUSC 497  Special Topics: Scoring  2
THEA 320  Directing  3

Graduation Requirements
CRST 290  History of Life  2-3

* After the completion of all CORE courses, the student will be required to apply and be officially approved to continue in this major.

Notes: Must have B average in Core Courses
Must have C or above in all upper-level courses in the major
Must have an overall average of C in the major

TOTAL HOURS: 126 hours minimum; at least 63 hours must be 300-400 level.

Cinematic Arts Minor

Cinematic Arts Minor (15 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 323</td>
<td>Scriptwriting for Digital Media</td>
<td>3</td>
</tr>
<tr>
<td>CINE 202</td>
<td>Introduction to Motion Picture Directing</td>
<td>3</td>
</tr>
<tr>
<td>CINE 203</td>
<td>Introduction to Cinematography</td>
<td>3</td>
</tr>
<tr>
<td>Choose 6 hours of any CINE courses</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

DEGREE COMPLETION PLANS

The Degree Completion Plan for the B.S. in Cinematic Arts program can be accessed at: http://www.liberty.edu/dcps.
School of Education

Karen Parker, B.A., M.S., Ed.D.
Dean, School of Education
Professor of Education

Beth Ackerman, B.S., M.Ed., Ed.D.
Associate Dean, School of Education
Associate Professor of Education

Michelle Goodwin, B.S., M.Ed., Ed.D.
Associate Dean for Licensure Programs for the School of Education
Associate Professor of Education

Scott Watson, B.A., M.A., Ph.D.
Associate Dean for Advanced Programs for the School of Education
Professor of Education

PURPOSE

The School of Education is committed to providing the highest quality Christian education based on the principles of God’s Word. Our school, by virtue of its commitment to strengthening the mind, body and soul, educates the whole person as God created us. The school offers programs to prepare undergraduate and graduate students for careers in teaching and school administration as well as programs in the area of Sport Management.

Department of Teacher Education

Esther Alcindor, B.S., M.Ed.
Director, Elementary Education
Assistant Professor of Education

Andrea Beam, B.S., M.Ed., Ed.D.
Director, Secondary Education
Assistant Professor of Education

Randall S. Dunn, B.A., M.Ed., Ed.D.
Director, Educational Technology
Assistant Professor of Education

Director, Special Education
Assistant Professor of Education

FACULTY – RESIDENTIAL
Professor
- Black, Morgan, Pantana, Parker, K., Watson

Associate Professor
- Ackerman, Boothe, Fink, M., Goodwin, Parker, L., Smith, S.J., Soden

Assistant Professor
- Alcindor, Austin, Beam, DeWitt, Dunn, Holder, Keith, McDonald, Rockinson-Szapkiw, Spaulding

FACULTY – ONLINE
Assistant Professor
- Garzon, M., Puga, Tobias

Instructor
- Angle, M., Bengds, Beveridge, Fritz, Maddox, Marshall, Pickard, K.

PURPOSE

The mission of the Teacher Licensure Program at Liberty University is to develop competent professionals with a Christian worldview for Christian, public, and private schools. Excellent teachers are an invaluable asset to the home, church, community, and nation. The Teacher Licensure Program at Liberty is designed to provide a program of study and preservice experiences that will foster teaching excellence and stimulate improvements in teaching practices in Christian, public, and private schools. The program is designed for teacher candidates who are preparing to teach kindergarten, elementary, and middle school, as well as high school students. Those wishing to pursue careers in middle school, or high school teaching may do so in the following areas: biology, business, computer science, English, family and consumer sciences, history/social sciences, mathematics. Comprehensive licensure may be completed in the following areas: music (vocal or instrumental), health/physical education, Spanish, special education, teaching English as a second language, theatre arts, and visual communication arts.

PROGRAM LEARNING OUTCOMES

The teacher candidate:

INT-A. KNOWS Christian values, moral dimensions, and ethical implications synthesized with academic knowledge
INT-A1. Demonstrates a broad base of professional and general knowledge.
INT-A2. Demonstrates knowledge of content in the endorsement area.

INT-B. IMPLEMENTS skills as a gift from God, because teaching is a calling from God
INT-B3. Integrates skills in speaking, writing, reading, and listening for effective classroom communication, peer leadership, and professional involvement.
INT-B4. Designs and selects a variety of instructional strategies based on the developmental levels and individual needs of the learner.
INT-B5. Applies knowledge of content areas and curriculum goals to design and supervise appropriate instruction.
INT-B6. Enhances the success of all diverse learners, providing for special needs and diverse backgrounds.
INT-B7. Manages classroom climate and procedures to motivate students and maximize learning.
INT-B8. Integrates a variety of assessment strategies to improve student learning.
INT-B9. Integrates appropriate technology and resources to support instruction and to facilitate professional development opportunities.
INT-B10. Provides evidence of student learning at the grade level and content appropriate for the endorsement.

INT-C. BELIEVES and practices personal integrity, social responsibility, sensitivity to the needs of others, and the betterment of humanity consistent with our mission to prepare competent professionals with a biblical worldview for Christian, public, and private schools
INT-C11. Models personal integrity and sensitivity to human needs.
INT-C12. Demonstrates behaviors of a reflective practitioner and seeks opportunities for collaboration and professional development.
DEFINITIONS FOR DISPOSITIONS – S C R I P :
- Displays a sense of Social responsibility.
- Demonstrates Commitment/ work ethic
- Demonstrates Reflective practice.
- Displays personal Integrity.
- Displays Professionalism.

TEACHER ENDORSEMENT AREAS
Teacher preparation and endorsement are available through the Teacher Education Department in cooperation with departments offering majors in the following teacher endorsement areas:

Elementary
- Elementary education (preK – 6) [Integrated Studies major]
- Middle education (grades 6 – 8) [only with preK – 6]

Secondary (6 – 12)
- Biology
- Business
- Computer Science
- English
- Family and Consumer Sciences
- History/Social Sciences
- Mathematics
- 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
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.

Electon to membership is made without regard to religion, race, or gender, and may include undergraduate and graduate students and practicing professionals in the field of education.

COUNCIL FOR EXCEPTIONAL CHILDREN
Special Education majors at Liberty University organized a Student Chapter of the Council for Exceptional Children (CEC) in Spring 2005. CEC is the largest international, non-profit organization that provides support and information for children with disabilities, their families, and those who work with these children.

Membership is open to all majors. To become an official member of the CEC, one must join the national chapter of the CEC.

LICENSURE AND NCATE APPROVAL
The Teacher Licensure Program is designed to meet licensure requirements of the Commonwealth of Virginia in the student’s approved concentration. The University has approval from the State Council of Higher Education for Virginia and is accredited by the Southern Association of Colleges and Schools. The Teacher Licensure Program has been officially approved by the Virginia Department of Education and by the National Council for Accreditation of Teacher Education (NCATE). Graduates of Liberty’s approved teacher licensure programs are eligible for licensure within the Commonwealth of Virginia. Completing Virginia licensure requirements will generally be necessary if the teacher candidate intends to seek licensure in another state.

Several states have additional licensure requirements beyond what is specified for graduation from an approved program at Liberty. However, teacher candidates are able to gain licensure and to begin teaching in another state while completing the additional requirements. Assistance in securing licensure from other states, information about licensure requirements in states other than Virginia, and help in obtaining necessary applications for out-of-state teaching credentials may be obtained from the Teacher Licensure Office. In addition to state licensure, students who complete the Teacher Licensure Program at Liberty are eligible for the Association of Christian Schools International certificate.

DEGREE COMPLETION PLANS
Degree Completion Plans for programs offered by the School of Education can be accessed online at: http://www.liberty.edu/dcps.

Licensure Programs
ADMISSION TO THE TEACHER LICENSURE PROGRAM
A student planning to follow a teaching program at Liberty must meet the admission requirements of the Teacher Licensure Program. The standards of admission to teacher licensure are inclusive of those for admission to the University and include other criteria outlined by the School of Education as indicated below. Policies governing admission to the program originate in, or are channeled through the Teacher Education Department. The Department formulates policies, coordinates the Teacher Licensure Program, and works for selective recruitment, admission, and retention of students for and in teacher licensure. It must be clearly understood that admission to the University is not synonymous with admission to the Teacher Licensure Program. Failure to follow the procedures will generally result in the delay of the student’s graduation and program completion for a minimum of one semester. Program requirements are available in the Teacher Education Handbook at http://www.liberty.edu/uguide.

Application to Liberty’s Teacher Licensure Program usually takes place at the end of the candidate’s freshman year as part of the course requirements for EDUC 125/126, 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 licensure tests including the Praxis I and VCLA. More information about these tests can be found at www.liberty.edu/uguide.
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.

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 Seminar in Classroom Management 2
EDUC 476 Student Teaching I 5
EDUC 477 Student Teaching II 5

Student teaching experiences are arranged to take place within Christian and public school settings that are designated as local placements in Central Virginia. A listing of local school divisions may be found at www.liberty.edu/uguide. 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:

1. Admission to the Teacher Licensure Program for at least one full semester before student teaching;
2. Filed application at the beginning of the semester prior to the student teaching. The Teacher Education Department will approve or disapprove all such applications based upon the following criteria:
   a. Current TB test
   b. Evidence that the teacher candidate is not on academic or social probation. (Behavior that relates to the moral, social, ethical, and personal standards of professional competency of the student will be subject to periodic review and appraisal);
   c. A minimum cumulative GPA of 2.50 (3.00 GPA for external placement);
   d. Completion of all professional education coursework, as well as all courses in the student’s major area of study. Grades below a C are not acceptable in any EDUC course, or in any concentration course (Elementary and Special Education Licensure), or in any upper level course in the major (Secondary/ Comprehensive Licensure);
   e. Completion of all licensure tests including VCLA, Praxis II, and VRA (for Elementary and Special Education candidates). Licensure tests must be passed before the student teaching application can be accepted and a request for placement can be made; and
   f. Graduation checklist submitted indicating all coursework except student teaching is completed.

It is the candidate’s responsibility to secure the forms and materials necessary to apply for student teaching. Such materials
may be obtained from the Teacher Licensure Office and must be returned prior to established deadlines. The application deadlines for placement in student teaching are September 15 for placement in the spring semester and February 15 for placement in the fall semester.

TEACHER LICENSORUSS TESTS

An important requirement for meeting Teacher Licensure standards in the Commonwealth of Virginia is the successful completion of the required tests for licensure. Tests include the Praxis I Math section, the VCLA (Virginia Communication and Literacy Assessment), the Praxis II, and the VRA (Virginia Reading Assessment) for Elementary and Special Education candidates.

These tests must be passed before applying for student teaching. The tests may be repeated, if necessary. More information about the required licensure tests may be found at www.liberty.edu/education.

ELEMENTARY AND SPECIAL EDUCATION LICENSORUSS

A teacher candidate who plans to teach in elementary or special education must complete a major in Elementary Education. The education must complete a major in Elementary Education. A teacher candidate who plans to teach in elementary or special education must complete a major in Elementary Education. The secondary areas of licensure available at Liberty are biology, chemistry, 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 majors.

| Professional Education Requirements for Elementary Licensure (20 + 19 hrs)* |
|-----------------------------|---|
| EDUC 125/126 | Introduction to Education | 1 |
| EDUC 220 | Differentiated Teaching | 2 |
| EDUC 225/226 | Instructional Design | 1 |
| EDUC 317, 318, 319 | Elementary Reading/ Language Arts | 4 |
| EDUC 322, 323, 324 | Elementary Social Science/ Math/Science | 6 |
| EDUC 360 | Foundations of Education | 2 |
| EDUC 410/411 | Elementary Curriculum | 2 |
| EDUC 415/416 | Measurement/Evaluation | 2 |
| EDUC 475 | Seminar in Classroom Management | 2 |
| EDUC 476 | Student Teaching I | 5 |
| EDUC 477 | Student Teaching II | 5 |

*Second column represents field experience credit hours.

| Professional Education Requirements for Middle School (22 + 19 hrs)* |
|-----------------------------|---|
| EDUC 412 | Middle School Curriculum and Instruction | 2 |
| Special Education (24 + 23 hrs)* |
| EDSP 323, 324 | Trends in Special Education | 2 |
| EDSP 363, 364 | Collaboration in Special Education | 2 |
| EDSP 413, 414 | Instruction Adaptation | 2 |
| EDSP 473, 474 | Transition Planning | 2 |

SECONDARY LICENSORUSS

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 majors.

| Professional Education Requirements for Secondary Licensure (13 +17 hrs)* |
|-----------------------------|---|
| EDUC 125/126 | Introduction to Education | 1 |
| EDUC 221 | Content Area Reading | 2 |
| EDUC 235/236 | Instructional Design | 1 |
| EDUC 360 | Foundations of Education | 2 |
| EDUC 419/420 | OR | 2 |
| Methods course from area of concentration: |
| ENGL, HIST, MATH, MLAN 419/420; FACS 480/481; HLTH 440/441 |
| EDUC 425 | Secondary Measurement and Evaluation | 2 |
| EDUC 435/436 | Secondary Curriculum Management | 2 |
| EDUC 475 | Seminar in Classroom Management | 2 |
| EDUC 476 | Student Teaching I | 5 |
| EDUC 477 | Student Teaching II | 5 |

*Second column represents field experience credit hours.

| Professional Education Requirements for Comprehensive Licensure Education Core (6 +15 hrs)* |
|-----------------------------|---|
| EDUC 125/126 | Introduction to Education | 1 |
| EDUC 221 | Content Area Reading | 2 |
| EDUC 235/236 | Instructional Design | 1 |
| EDUC 360 | Foundations of Education | 2 |
| EDUC 475 | Seminar in Classroom Management | 2 |
| EDUC 476 | Student Teaching I | 5 |
| EDUC 477 | Student Teaching II | 5 |

| Physical Education (15 + 18 hrs*) |
|-----------------------------|---|
| HLTH 440/441 | Methods/Resources in Teaching Applied Sciences | 2 |
| KINE 245 | PE Observation in Schools | 1 |
| KINE 333/334 | Adapted Physical Ed | 2 |
| KINE 435 | Seminar-Student Teachers | 2 |
| KINE 450/322 | Elem Phys Ed Methods | 3 |
| KINE 451/326 | Secondary PE Methods | 3 |
| Music Vocal or Instrumental (12 + 17 hrs*) |
| MUSC 380 | Instrumental Overview | 2 |
| OR |
| MUSC 390 | Vocal Overview | 1 |
| MUSC 437/438 | Music Methods and Materials | 3 |
| MUSC 490/491 | Adv Methods and Materials | 1 |

*Second column represents field experience credit hours.

*FACS 380 replaces EDUC 425 and 435/436 for FACS majors.
LICENSURE IN OTHER STATES

Graduates who have successfully completed Liberty’s Teacher Licensure Program and who have met all standards for Teacher Licensure in Virginia can be recommended for licensure in other states. The Commonwealth of Virginia operates within the Interstate Licensure Compact, which means that other states in the compact recognize and freely accept incoming licensure applications from Virginia-based programs.

The remaining states utilize different processes to evaluate out-of-state applicants for licensure. In most cases, other states will require proof that the student has successfully completed a state-approved teacher licensure program. Assistance in securing this license is provided to all of those who are completing student teaching. Licensure applications will be processed after all undergraduate work has been successfully completed.

Teacher Licensure personnel can provide addresses of the various State Departments of Education for those wishing to pursue licensure in other states. The Teacher Licensure personnel will assist candidates in the preparation and submission of the required documents.

TIME FRAME FOR PROFESSIONAL LICENSURE AND PRACTICUMS

Teacher candidates must have completed all requirements necessary for professional licensure within five years after completion of the undergraduate degree.

Teacher candidates who have received a degree and wish to return to Liberty University for practicum work (elementary/secondary student teaching) for licensure will be subject to the same five-year timeframe.

Each case will be evaluated on an individual basis according to time elapsed from completion of coursework, transcripts, program changes, and recent experiences in the field of education.

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

PURPOSE

The Bachelor of Science in Elementary Education Integrated Studies and Special Education Integrated Studies majors are designed for those students who desire a liberal arts degree that meets the competencies for teacher candidates. The emphases of these majors are on the content of the core areas, as defined by the federal guidelines of the No Child Left Behind Act and the state guidelines of the Virginia Department of Education. The guidelines for these majors are subject to changes in federal or state regulations for the licensure of elementary or special education teachers.

Requirements for this degree are:
1. Fulfill institutional General Education Requirements using courses recommended to meet teacher licensure competencies;
2. Complete a 45-hour major which must be drawn from two or three academic disciplines with no more than 30 hours and no less than 15 from any one discipline.
   a. The Elementary Education Integrated Studies major includes the Core Concentration cluster, one Specialization Area cluster, choice of cognate areas must be one of the following: math, English, social studies, or science; and the Education cluster will be the third concentration.
   b. The Special Education Integrated Studies major includes the Core Concentration cluster, the Special Education cluster, and the Education cluster.
3. Complete 15 hours of electives in any disciplines, including areas that are covered in the major, that are selected to meet teacher licensure competencies;
4. Admission to the Teacher Licensure Program prior to registering for upper level courses;
5. Complete at least 30 hours at the 300-400 level;
6. Complete 50 percent of each 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 Degree Completion Plan (DCP) 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.

Programs of Study

Elementary Education Integrated Studies (B.S.)
ENGLISH COGNATE

General Education Requirements (56 hrs)

Courses in the Major (69-71 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 201</td>
<td>Modern Grammar</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 202</td>
<td>Modern Grammar</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 333</td>
<td>Modern Grammar</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 350</td>
<td>Advanced Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 400</td>
<td>Upper level (not 419/420)</td>
<td>3</td>
</tr>
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</table>

Concentration: Elementary Education (20 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDUC 125</td>
<td>Introduction to Elementary Education</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 220</td>
<td>Differentiated Teaching and Learning</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 225</td>
<td>Instructional Design: Elementary</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 318</td>
<td>Teaching Elementary Reading</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 319</td>
<td>Teaching Elementary Language Arts</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 322</td>
<td>Teaching Elementary Social Sciences</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 323</td>
<td>Teaching Elementary Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 324</td>
<td>Teaching Elementary Science</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 360</td>
<td>Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 410</td>
<td>Elementary School Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 415</td>
<td>Diagnostic Measurement and Evaluation</td>
<td>2</td>
</tr>
</tbody>
</table>

OPTIONAL: For Middle School Endorsement (2 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 412</td>
<td>Middle School Curriculum and Instruction</td>
<td>2</td>
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</table>

PROFESSIONAL STUDIES (7 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 126</td>
<td>Computer Applications Practicum for Educators</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 226</td>
<td>Instructional Design Practicum</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 317</td>
<td>Elementary Reading and Language Arts Practicum</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 411</td>
<td>Elementary School Curriculum Practicum</td>
<td>1</td>
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</tbody>
</table>
**Elementary Education Integrated Studies (B.S.)**

**MATHEMATICS COGNATE**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 110 Survey of Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 200 Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIUS 310, 312, or 390~</td>
<td>3</td>
</tr>
</tbody>
</table>

~ HIUS 390 is the preferred course for students planning to teach in Virginia

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 310 Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 345 Exceptional Child</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate: Mathematics (15 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 133 Calculus with Mathematics Lab</td>
<td>1</td>
</tr>
<tr>
<td>MATH 200 Introduction to Mathematics Reasoning</td>
<td>2</td>
</tr>
<tr>
<td>MATH 211 Introduction to Statistical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 305 Modern Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 321 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH Upper level (not 419/420)</td>
<td></td>
</tr>
</tbody>
</table>

**CONCENTRATION: Elementary Education (20 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 125 Introduction to Elementary Education</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 220 Differentiated Teaching and Learning (Elementary)</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 225 Instructional Design: Elementary</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 318 Teaching Elementary Reading</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 319 Teaching Elementary Language Arts</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 322 Teaching Elementary Social Sciences</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 323 Teaching Elementary Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 324 Teaching Elementary Science</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 360 Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 410 Elementary School Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 415 Diagnostic Measurement and Evaluation</td>
<td>2</td>
</tr>
</tbody>
</table>

**OPTIONAL: For Middle School Endorsement (2 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 412 Middle School Curriculum and Instruction</td>
<td></td>
</tr>
</tbody>
</table>

**PROFESSIONAL STUDIES (7 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 126 Computer Applications Practicum for Educators</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 226 Instructional Design Practicum</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 317 Elementary Reading and Language Arts Practicum</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 411 Elementary School Curriculum Practicum</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 416 Diagnostic Measurement and Evaluation Practicum</td>
<td>1</td>
</tr>
</tbody>
</table>

**PROFESSIONAL SEMESTER (12 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 475 Seminar in Classroom Management</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 476 Student Teaching I and II</td>
<td>5/5</td>
</tr>
</tbody>
</table>

**TOTAL HOURS:** 129 hours minimum; at least 50 hours must be 300-400 level

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

**SOCIAL SCIENCE COGNATE**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECNC 110 Survey of Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 200 Introduction to Geography</td>
<td>3</td>
</tr>
</tbody>
</table>

**Cognate: Social Science (15 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HIUS 222 Survey of American History II</td>
<td>3</td>
</tr>
<tr>
<td>HIUS 310, 312, or 390~</td>
<td>3</td>
</tr>
</tbody>
</table>

~ HIUS 390 is the preferred course for students planning to teach in Virginia

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOVT 421 American Constitutional History</td>
<td>3</td>
</tr>
</tbody>
</table>

**CONCENTRATION: Elementary Education (20 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 125 Introduction to Elementary Education</td>
<td>1</td>
</tr>
</tbody>
</table>

**TOTAL HOURS:** 128 hours minimum; at least 49 hours must be 300-400 level
EDUC 220  Differentiated Teaching and Learning  2
       (Elementary)
EDUC 225  Instructional Design: Elementary  1
EDUC 318  Teaching Elementary Reading  2
EDUC 319  Teaching Elementary Language Arts  2
EDUC 322  Teaching Elementary Social Sciences  2
EDUC 323  Teaching Elementary Mathematics  2
EDUC 324  Teaching Elementary Science  2
EDUC 360  Foundations of Education  2
EDUC 410  Elementary School Curriculum  2
EDUC 415  Diagnostic Measurement and Evaluation  2
OPTIONAL:  For Middle School Endorsement (2 hrs)
EDUC 412  Middle School Curriculum and Instruction

PROFESSIONAL STUDIES (7 hrs)
EDUC 125  Computer Applications Practicum for Educators  1
EDUC 226  Diagnostic Measurement and Evaluation  2
EDUC 317  Elementary Reading and Language Arts Practicum  1
EDUC 411  Elementary School Curriculum Practicum  1
EDUC 416  Diagnostic Measurement and Evaluation Practicum  1

PROFESSIONAL SEMESTER (12 hrs)
EDUC 475  Seminar in Classroom Management  2
EDUC 476  Student Teaching I and II  5/5

TOTAL HOURS: 128 hours minimum; at least 49 hours must be 300-400 level

<table>
<thead>
<tr>
<th>Course</th>
<th>300-400 Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 220</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 225</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 318</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 319</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 322</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 323</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 324</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 360</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 410</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 415</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 412</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 125</td>
<td>1</td>
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</tbody>
</table>

EDUC 226  Instructional Design Practicum  2
EDUC 317  Elementary Reading and Language Arts Practicum  2
EDUC 411  Elementary School Curriculum Practicum  1
EDUC 416  Diagnostic Measurement and Evaluation Practicum  1

PROFESSIONAL SEMESTER (12 hrs)
EDUC 475  Seminar in Classroom Management  2
EDUC 476  Student Teaching I and II  5/5

TOTAL HOURS: 127 hours minimum; at least 53 hours must be 300-400 level

<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
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</thead>
<tbody>
<tr>
<td>EDSP 474</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 414</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 363</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 413</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 473</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 324</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 364</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 414</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 474</td>
<td>300-</td>
</tr>
<tr>
<td>EDSP 477</td>
<td>300-</td>
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</tbody>
</table>

Special Education Integrated Studies (B.S.)

General Education Requirements (56 hrs)
Courses in the Major (62-66 hrs)
ECNC 110  Survey of Economics  3
GEOG 200  Introduction to Geography  3
HIUS 310, 312, or 390  3
~ HIUS 390 is the preferred course for students planning to teach in Virginia
ENGL 310  Children’s Literature  3
PSYC 345  Exceptional Child  3

CONCENTRATION: Special Education (24 hrs)
EDUC 125  Introduction to Elementary Education  1
EDUC 219  Teaching Elementary Reading  2
EDUC 319  Teaching Elementary Language Arts  2
EDUC 322  Teaching Elementary Social Sciences  2
EDUC 360  Foundations of Education  2
EDUC 410  Elementary School Curriculum  2
EDUC 415  Diagnostic Measurement and Evaluation  2
EDSP 323  Current Trends in Special Education  2
EDSP 363  Collaboration in Special Education  2
EDSP 413  Inclusive Classrooms  2
EDSP 473  Transition Planning  2

PROFESSIONAL STUDIES (7 hrs)
EDUC 126  Computer Applications Practicum for Educators  1
EDUC 226  Instructional Design Practicum  2
EDUC 317  Elementary Reading and Language Arts Practicum  2
EDUC 411  Elementary School Curriculum Practicum  1
EDUC 416  Diagnostic Measurement and Evaluation Practicum  1

OPTIONAL: Dual endorsement in Special Education AND Elementary Education (4 hrs)
EDUC 322  Teaching Elementary Social Sciences  2
EDUC 324  Teaching Elementary Science  2

PROFESSIONAL SEMESTER (12 hrs)
EDUC 475  Seminar in Classroom Management  2
EDUC 476  Student Teaching I and II  5/5

TOTAL HOURS: 120 hours minimum; at least 49 hours must be 300-400 level
**Minor**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSP 323</td>
<td>Current Trends in Special Education/Practicum</td>
<td>2/1</td>
</tr>
<tr>
<td>EDSP 363</td>
<td>Collaboration in Special Education/Practicum</td>
<td>2/1</td>
</tr>
<tr>
<td>EDSP 413</td>
<td>Inclusive Classrooms/Practicum</td>
<td>2/1</td>
</tr>
<tr>
<td>EDSP 473</td>
<td>Transition Planning/Practicum</td>
<td>2/1</td>
</tr>
<tr>
<td>PSYC 345</td>
<td>Exceptional Child</td>
<td>3</td>
</tr>
</tbody>
</table>

**Department of Sport Management**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vicky-Lynn Martin</td>
<td>B.S., M.S., D.S.M.</td>
<td>Chair, Department of Sport Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Associate Professor of Sport Management</td>
</tr>
</tbody>
</table>

**FACULTY**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Blosser, Heisey, Martin, V.</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Coleman, Zealand</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

**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.

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

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Articulate a Christian worldview that incorporates moral leadership and ethical decision-making in the sport management workplace.
2. Demonstrate oral, written, and technological communication effectively and persuasively within professional sport management settings.
3. Evaluate research in sport management from the perspective of current business trends and historical sport management contexts.
4. Synthesize academic principles through knowledge transfer and exchange to the sport management environment.
5. Demonstrate leadership skills in the sport management industry.

**PROGRAM ACCREDITATION**

In June 2011, Liberty University’s Bachelor of Science in Sport Management was awarded accreditation by the Board of Commissioners of the Commission on Sport Management Accreditation (COSMA), the new national governing body for sport management.

**Program of Study**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMGT 200</td>
<td>Introduction to Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 201</td>
<td>History of Sport</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 205</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 302</td>
<td>Sport Facilities and Events</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 305</td>
<td>Sport Law</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 310</td>
<td>Communication in Sport</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 312</td>
<td>Sport Ministry</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 404</td>
<td>Administration and Organization of Sport</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 405</td>
<td>Sport Finance</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 406</td>
<td>Issues and Trends in Sport</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 410</td>
<td>Sport Marketing</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 499</td>
<td>Internship</td>
<td>3</td>
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</tbody>
</table>
### Directed Courses (required) (7-13 hrs)

- **BUSB 201** Intermediate Business Computer Applications
- **ECON 110** Survey of Economics
- **SMGT ___** Choose two from:
  - SMGT 300, 304, 308, 399, 400, or 497
- **KINE ___** Choose one from:
  - KINE 210-232

Choose two courses (6 hrs) from the following:

- SMGT 300 Introduction to Coaching
- SMGT 304 Coaching Football
- SMGT 306 Coaching Basketball
- SMGT 307 Overview of Teaching Fall Sports
- SMGT 308 Overview of Teaching Spring Sports
- SMGT 399 Interim Internship
- SMGT 400 Sport Psychology
- SMGT 497 Special Topics in Sport Management

Choose one course (1 hr) from the following:

- KINE 210 Softball/Volleyball
- KINE 212 Innovative Games
- KINE 213 Racquet Sports
- KINE 214 Tumbling/Activities
- KINE 215 Track and Field
- KINE 218 Tennis
- KINE 220 Bowling
- KINE 221 Golf
- KINE 223 Beginning Running
- KINE 224 Advanced Running
- KINE 225 Weight Training/Conditioning
- KINE 228 Beginning Swimming
- KINE 229 Intermediate/Advanced Swimming
- KINE 232 Recreational Sports

### Free Electives (22 hrs)*

**Graduation Requirements**

- CRST 290 History of Life 2-3

~ To be taken only when all other requirements are completed; overall GPA of 2.15 or better

* Can include CRST 290

**NOTE:** “C” average must be maintained for all SMGT courses

**TOTAL HOURS:** 120 hours minimum; at least 33 hours must be 300-400 level

### Coaching Minor

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

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

### Coaching Minor (17 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMGT 300</td>
<td>Introduction to Coaching</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 304</td>
<td>Coaching Football – OR</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 306</td>
<td>Coaching Basketball</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 307</td>
<td>Overview of Coaching Fall Sports</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 308</td>
<td>Overview of Coaching Spring Sports</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 314</td>
<td>Officiating in Athletics</td>
<td>2</td>
</tr>
<tr>
<td>SMGT 400</td>
<td>Sport Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

### Sport Management Minor

**Sport Management Minor (15 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMGT 200</td>
<td>Introduction to Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 302</td>
<td>Sport Facilities and Events</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 305</td>
<td>Sport Law</td>
<td>3</td>
</tr>
<tr>
<td>SMGT 404</td>
<td>Administration and Organization in Sport</td>
<td>3</td>
</tr>
<tr>
<td>SMGT</td>
<td>Elective (400 level)</td>
<td>3</td>
</tr>
</tbody>
</table>

**INTERCOLLEGIATE ATHLETIC CREDIT**

Students who are members of Liberty Intercolligate Athletic teams may earn one hour of academic credit for a completed season. Such credit may not be used more than once.
School of Education – Online Programs

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

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate a broad base of general and professional knowledge.
2. Plan effective instruction and selects a variety of strategies based on developmental levels and individual needs in course case studies.
3. Demonstrate the understanding of differentiated instruction.
4. Demonstrate an understanding of classroom management to motivate students and maximize learning.
5. Observe, document, and assess to support young children and families.
6. Promote wellness and development of young children.
7. Demonstrate behaviors of a reflective student and seeks opportunities for professional development.

Program of Study

<table>
<thead>
<tr>
<th>Early Childhood Education Interdisciplinary Studies Major (B.S.) (Non-Licensure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (39 hrs)</td>
</tr>
<tr>
<td>Cognate One: Early Education (30 hrs)</td>
</tr>
<tr>
<td>EDUC 200 Principles of Education 3</td>
</tr>
<tr>
<td>EDUC 205 Learning Theory and Portfolio Development 3</td>
</tr>
<tr>
<td>EDUC 210 Early Childhood Education Fundamentals 3</td>
</tr>
<tr>
<td>EDUC 215 Wellness in Early Childhood Education Settings 3</td>
</tr>
<tr>
<td>EDUC 301 Tutorial for Math Teachers 3</td>
</tr>
<tr>
<td>EDUC 302 Instructional Practices for Reading Teachers 3</td>
</tr>
<tr>
<td>EDUC 303 Classroom Management for Teachers 3</td>
</tr>
<tr>
<td>EDUC 305 Educational Philosophy for Teachers 3</td>
</tr>
<tr>
<td>EDUC 307 Instructional Practices for Differentiated Instruction 3</td>
</tr>
<tr>
<td>EDUC 380 Current Issues in Education 3</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>EDUC 390 Teaching Practicum</td>
</tr>
<tr>
<td>Cognate Two: Psychology (15 hrs)</td>
</tr>
<tr>
<td>PSYC 210 Developmental Psychology 3</td>
</tr>
<tr>
<td>PSYC 221 Psychology of Childhood 3</td>
</tr>
<tr>
<td>PSYC 345 Exceptional Child 3</td>
</tr>
<tr>
<td>Directed Electives 6</td>
</tr>
<tr>
<td>Electives may include EDUC, EDSP, or PSYC courses</td>
</tr>
<tr>
<td>Elective 3</td>
</tr>
<tr>
<td>Free Electives (36 hrs) 3</td>
</tr>
<tr>
<td>TOTAL HOURS: 120 minimum; 30 hours must be upper level</td>
</tr>
</tbody>
</table>

Elementary Education Interdisciplinary Studies Major (B.S.)
(With Fifth-Year Option for M.A.T. and Licensure)

PURPOSE
The purpose of the non-licensure Bachelor of Science in 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 will be able to:
1. Synthesize a broad base of general and professional knowledge.
2. Plan effective instruction for elementary education students and select a variety of strategies based on developmental levels and individual needs in course case studies.
3. Develop lesson plans that demonstrate differentiated instruction.
4. Demonstrate an understanding of classroom management to motivate students and maximize learning.

Program of Study

<table>
<thead>
<tr>
<th>Elementary Education Interdisciplinary Studies Major (B.S.) (Non-Licensure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (39 hrs)</td>
</tr>
<tr>
<td>Cognate One: Education (30 hrs)</td>
</tr>
<tr>
<td>EDUC 200 Principles of Education 3</td>
</tr>
<tr>
<td>EDUC 205 Learning Theory and Portfolio Development 3</td>
</tr>
<tr>
<td>EDUC 301 Tutorial for Math Teachers 3</td>
</tr>
<tr>
<td>EDUC 302 Instructional Practices for Reading Teachers 3</td>
</tr>
<tr>
<td>EDUC 303 Instructional Practices for Content Teachers 3</td>
</tr>
<tr>
<td>EDUC 304 Classroom Management for Teachers 3</td>
</tr>
<tr>
<td>EDUC 305 Educational Philosophy for Teachers 3</td>
</tr>
<tr>
<td>EDUC 306 Scholarly Writing and APA for Teachers 3</td>
</tr>
<tr>
<td>EDUC 307 Instructional Practices for Differentiated Instruction 3</td>
</tr>
<tr>
<td>EDUC 380 Current Issues in Education – OR 3</td>
</tr>
<tr>
<td>EDUC 390 Teaching Practicum</td>
</tr>
<tr>
<td>Cognate Two: Content Core (16 hrs)</td>
</tr>
<tr>
<td>ENGL 216 English Literature II 3</td>
</tr>
<tr>
<td>MATH 121 College Algebra 3</td>
</tr>
<tr>
<td>PHSC 210 Elements of Earth Science 3</td>
</tr>
<tr>
<td>PHSC 211 Elements of Earth Science Lab – OR 1</td>
</tr>
<tr>
<td>BIOL 103 Principles of Biology Lab 3</td>
</tr>
<tr>
<td>GEOG 200 Geography 3</td>
</tr>
<tr>
<td>GOVT 200 Constitutional Government and Free Enterprise 3</td>
</tr>
<tr>
<td>GOVT 220 American Government 3</td>
</tr>
<tr>
<td>Free Electives (35 hrs) 3</td>
</tr>
<tr>
<td>TOTAL HOURS: 120 minimum; 30 hours must be upper level</td>
</tr>
</tbody>
</table>

DEGREE COMPLETION PLANS
Degree Completion Plans for online undergraduate programs offered by the School of Education are available online at http://www.luonline.com/index.cfm?PID=19013.
Special Education Interdisciplinary Studies Major (B.S.)
(With Fifth-Year Option for M.A.T. and Licensure)*

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

**Program of Study**

<table>
<thead>
<tr>
<th>Special Education Interdisciplinary Studies Major (B.S.) (Non-Licensure)¹</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (39hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>Cognate One: Education (30 hrs)</td>
<td></td>
</tr>
<tr>
<td>EDUC 200 Principles of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 205 Learning Theory and Portfolio Development</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 301 Tutorial for Math Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 302 Instructional Practices for Reading Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 303 Instructional Practices for Content Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 304 Classroom Management for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 305 Educational Philosophy for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 307 Instructional Practices for Differentiated Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 380 Current Issues in Education – OR</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 390 Teaching Practicum</td>
<td></td>
</tr>
<tr>
<td>Electives Choose two courses from EDUC, EDSP or PSYC</td>
<td>6</td>
</tr>
</tbody>
</table>

| Cognate Two: Content Core (15 hrs) |  |
| EDSP 360 Survey of Learning and Behavior Principles | 3 |
| EDSP 370 Survey of Intellectual Disabilities | 3 |
| EDSP 410 Instructional Adaptation for Special Education | 3 |
| EDSP 420 Current Trends in Special Education | 3 |
| PSYC 345 Exceptional Child | 3 |
| **Free Electives (36 hrs)** |  |

*This is a non-licensure program. Graduates of this program have the option of completing the M.A.T. for licensure. This degree plan is effective for those starting this degree program in fall 2011 through summer 2012.

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

**Education Major¹ (A.A.) (Non-Licensure)**

| General Education Requirements (39hrs) |  |
| Courses in the Major (21 hrs) |  |
| EDUC 200 Principles of Education | 3 |
| EDUC 205 Learning Theory and Portfolio Development | 3 |
| EDUC 210 Early Childhood Education Fundamentals | 3 |
| EDUC 215 Wellness in Early Childhood Education Settings | 3 |
| EDUC 304 Classroom Management for Teachers | 3 |
| EDUC 305 Educational Philosophy for Teachers | 3 |
| PSYC 221 Psychology of Childhood | 3 |
| PSYC 345 Exceptional Child | 3 |
| Elective Must be EDUC/ EDSP or other approved elective |  |

**TOTAL HOURS: 60 minimum**

**Liberty University en Español**
The School of Education also offers the Associate of Arts in Education online through Liberty University en Español. Additional information is available on the web at [http://www.luonline.com/index.cfm?PID=21499](http://www.luonline.com/index.cfm?PID=21499).

**Special Education Minor**

<table>
<thead>
<tr>
<th>Special Education Minor (15 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSP 360 Learning and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>EDSP 370 Intervention for Students with Intellectual Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>EDSP 410 Instructional Adaptation for Special Education</td>
<td>3</td>
</tr>
<tr>
<td>EDSP 420 Current Trends in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 345 Exceptional Child – OR</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 307 Instructional Practice for Differentiated Instruction</td>
<td></td>
</tr>
</tbody>
</table>

|  |
|---|---|
| 4. Demonstrate an understanding of classroom management to motivate students and maximize learning. |
| 5. Demonstrate behaviors of a reflective student and seek opportunities for professional development |
| 6. Observe, document, and assess to support young children and families. |

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¹ Also available through Liberty University en Español
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 Information Systems

Carl Pettiford, B.S., M.S., Ph.D.
Chair, Department of Engineering
Associate Professor of Engineering

FACULTY
Professor
Lewis, E., Sones
Associate Professor
Jeyaraj, Jones, J.D., Metzgar, Pettiford, Tucker, Westfall
Assistant Professor
Bae, Maiuzzo, Rich, Shaneck, Vadnal, Wang, D.

PURPOSE
The School of Engineering and Computational Sciences functions with the purpose of teaching Christ-centered men and women with the values, knowledge, and skills critical for impacting computing and technology-related disciplines in tomorrow’s world. Enhanced in the fall of 2007, the School has the long-term vision of creating and maintaining nationally recognized technology-related degrees, centers, institutes, and initiatives in education, research, training, and missions so that our Christ-centered graduates can have the greatest impact on tomorrow’s world.

The School offers five degrees and one minor that provide students with the skills, knowledge, and understanding of information technology necessary for impacting tomorrow’s socio-technological culture.

TEACHER LICENSURE
Liberty University offers teacher licensure programs which are approved by the State of Virginia Department of Education. Teacher preparation and endorsement in Computer Science is available through the School of Engineering and Computational Sciences in cooperation with the Teacher Education Department.

Those who enter the teacher licensure program must complete the academic major, be subject to the same general education requirements as all other students, and complete academic and practicum experiences related to professional teacher training.

Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education. Licensure information is also available at www.liberty.edu/uguide.

DEGREE COMPLETION PLANS
Degree Completion Plans for programs offered by the School of Engineering and Computational Sciences can be accessed online at: http://www.liberty.edu/dcps.

Engineering Programs

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. An ability to apply knowledge of mathematics, science, and engineering;
2. An ability to design and conduct experiments, as well as to analyze and interpret data;
3. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
4. An ability to function on multidisciplinary teams;
5. An ability to identify, formulate, and solve engineering problems;
6. An understanding of professional and ethical responsibility;
7. An ability to communicate effectively;
8. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
9. A recognition of the need for, and an ability to engage in life-long learning;
10. A knowledge of contemporary issues; and
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Computer Engineering Major (B.S.)

PURPOSE
Liberty University’s 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. A Senior Capstone Project as well as a Directed Research project is also required.

The computer engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence computer and electrical engineering-related industries in the current and evolving economy. The program prepares graduates for the thoughtful integration of work and life and to view the computer engineering profession as a lifelong commitment to serving others.

PROGRAM EDUCATIONAL OBJECTIVES
Our goal is, within a few years of graduating, our Computer Engineering graduates 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; communicating technical information effectively in both oral and written forms; engaging in creating and critical thinking; gaining and applying business knowledge; building leadership skills.
4. Display the Christian principles that are the basis for their professional ethics and behavior.
5. Establish a sense of continuous learning and adopting new technologies where appropriate.
6. Demonstrate the ability to identify and document requirements.
Program of Study

### Computer Engineering Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (53 hrs)</th>
<th>Courses in the Major (52-57 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 110 Introduction to Engineering and Problem Solving</td>
<td>ENGE 201 Introduction to Logic Design</td>
</tr>
<tr>
<td>ENGR 211 Introduction to Electrical Circuits</td>
<td>ENGE 212 AC Circuit Analysis</td>
</tr>
<tr>
<td>ENGI 220 Engineering Economy</td>
<td>CSCI 111 Introduction to Programming</td>
</tr>
<tr>
<td>CSCI 112 Advanced Programming</td>
<td>ENGR 321 Electronics</td>
</tr>
<tr>
<td>ENGE 341 Communications Systems</td>
<td>ENGE 361 Computer Architecture</td>
</tr>
<tr>
<td>ENGR 381 Engineering Design Introduction</td>
<td>ENGR 465 Introduction to Computer Networks</td>
</tr>
<tr>
<td>ENGC 301 Introduction to Microprocessors</td>
<td>ENGR 401 Micro Computer Design</td>
</tr>
<tr>
<td>ENGC 401 Micro Computer Design</td>
<td>ENGR 481 Engineering Design I</td>
</tr>
<tr>
<td>ENGR 482 Engineering Design II</td>
<td>ENGC 495 Directed Research</td>
</tr>
<tr>
<td>ENGC 495 Directed Research</td>
<td>Quantitative Studies (16 hrs)</td>
</tr>
<tr>
<td>ENGR 210 Probability and Statistical Methods for Engineering</td>
<td>MATH 231 Calculus and Analytical Geometry III</td>
</tr>
<tr>
<td>MATH 250 Introduction to Discrete Mathematics</td>
<td>MATH 334 Differential Equations</td>
</tr>
<tr>
<td>MATH 350 Discrete Mathematics</td>
<td>Graduation Requirements (2 hrs minimum)</td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td>TOTAL HOURS: 132 hours minimum; at least 35 hours must be 300-400 level</td>
</tr>
</tbody>
</table>

**Electrical Engineering Major (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. A Senior Capstone Project as well as a Directed Research project is also required.

The Electrical Engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence electrical engineering-related industries in the current and evolving economy. The program prepares graduates for the thoughtful integration of work and life and to view the computer engineering profession as a lifelong commitment to serving others.

**Program Educational Objectives**
Our goal is, within a few years of graduating, our Electrical Engineering graduates 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; communicating technical information effectively in both oral and written forms; engaging in creating and critical thinking; gaining and applying business knowledge; building leadership skills.
4. Display the Christian principles that are the basis for their professional ethics and behavior.
5. Establish a sense of continuous learning and adopting new technologies where appropriate.
6. Demonstrate the ability to identify and document requirements.

**Program of Study**

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

<table>
<thead>
<tr>
<th>General Education Requirements (53 hrs)</th>
<th>Courses in the Major (53-58 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 111 Introduction to Programming</td>
<td>ENGR 110 Introduction to Programming</td>
</tr>
<tr>
<td>ENGR 201 Introduction to Logic Design</td>
<td>ENGR 465 Introduction to Electrical Circuits</td>
</tr>
<tr>
<td>ENGR 211 Introduction to Electrical Circuits</td>
<td>ENGR 421 Advanced Electronics</td>
</tr>
<tr>
<td>ENGR 212 AC Circuit Analysis</td>
<td>ENGR 481 Engineering Design I</td>
</tr>
<tr>
<td>ENGI 220 Engineering Economy</td>
<td>ENGR 482 Engineering Design II</td>
</tr>
<tr>
<td>ENGE 311 Signals and Systems</td>
<td>ENGE 495 Directed Research</td>
</tr>
<tr>
<td>ENGE 321 Electronics</td>
<td>Technical Electives (9 hrs)</td>
</tr>
<tr>
<td>ENGE 331 Electromagnetic Fields</td>
<td>ENGR 381 Engineering Design Introduction</td>
</tr>
<tr>
<td>ENGE 341 Communications Systems</td>
<td>ENGR 351 Power Systems – OR</td>
</tr>
<tr>
<td>ENGE 361 Computer Architecture</td>
<td>ENGR 431 Electromagnetic Compatibility – OR</td>
</tr>
<tr>
<td>ENGR 381 Engineering Design Introduction</td>
<td>ENGR 465 Introduction to Computer Networks</td>
</tr>
<tr>
<td>ENGR 351 Power Systems – OR</td>
<td>ENGR 421 Advanced Electronics</td>
</tr>
<tr>
<td>ENGR 381 Engineering Design Introduction</td>
<td>ENGR 481 Engineering Design I</td>
</tr>
<tr>
<td>ENGR 351 Power Systems – OR</td>
<td>ENGR 482 Engineering Design II</td>
</tr>
<tr>
<td>ENGR 381 Engineering Design Introduction</td>
<td>ENGR 495 Directed Research</td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td>Quantitative Studies (16 hrs)</td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td>MATH 231 Calculus and Analytical Geometry III</td>
</tr>
<tr>
<td>MATH 250 Introduction to Discrete Mathematics</td>
<td>MATH 334 Differential Equations</td>
</tr>
<tr>
<td>MATH 321 Linear Algebra</td>
<td>Graduation Requirements (2 hrs minimum)</td>
</tr>
<tr>
<td>MATH 334 Differential Equations</td>
<td>CRST 290 History of Life</td>
</tr>
</tbody>
</table>

**INTELLIGENCE COGNATE**

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

**Intelligence Cognate: Government Studies (12 hrs)**
| GOVT 380 Introduction to Intelligence | 3 |
| GOVT 381 Intelligence Analysis | 3 |
| GOVT 480 Terrorism | 3 |
| GOVT 483 Military Intelligence – OR | 3 |
| GOVT 484 Strategic Intelligence | 3 |

TOTAL HOURS: 136 hours minimum; at least 51 hours must be 300-400 level
Industrial and Systems Engineering Major (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. A Senior Capstone Project as well as a Directed Research project is also required.

The industrial and systems engineering degree is designed to develop Christ-centered men and women with the values, knowledge, and skills essential to positively influence an industrial setting of complex, integrated systems. The program prepares graduates for the thoughtful integration of work and life and to view the industrial engineering profession as a lifelong commitment to serving others.

PROGRAM EDUCATIONAL OBJECTIVES

Our goal is, within a few years of graduating, our Industrial and Systems Engineering graduates 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 for working in teams; communicating technical information effectively in both oral and written forms; engaging in creating and critical thinking; gaining and applying business knowledge; building leadership skills.
4. Display the Christian principles that will be the foundation of their professional ethics and behavior.
5. Establish a sense of continuous learning and adopting new technologies where appropriate.
6. Demonstrate the ability to identify and document requirements.

Program of Study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 110</td>
<td>Intro to Engineering and Problem Solving</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 220</td>
<td>Engineering Economy</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 230</td>
<td>Production Systems</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 300</td>
<td>Enterprise Forecasting</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 305</td>
<td>Data Analysis Methods and Modeling</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 330</td>
<td>Facilities Design</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 340</td>
<td>Introduction to Operations Research: Deterministic Models</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 350</td>
<td>Introductions to Operations Research: Probabilistic Models</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 360</td>
<td>Engineering Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 370</td>
<td>Quality Assurance</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 377</td>
<td>Engineering Ethical and Legal Issues</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 381</td>
<td>Introduction to Engineering Design</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 430</td>
<td>Decision Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 450</td>
<td>Human Factors and Ergonomics</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 460</td>
<td>Digital Simulation</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 481</td>
<td>Engineering Design I</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 482</td>
<td>Engineering Design II</td>
<td>3</td>
</tr>
</tbody>
</table>

Computing Programs

In general, the computing programs [i.e., Computer Science (CS) and Web Technology and Design] are designed to prepare our students to enter the professional workforce with the knowledge and skills to impact computing and technology-related disciplines in tomorrow’s world.

PROGRAM LEARNING OUTCOMES

The student will be able to:

1. Apply knowledge of computing and mathematics appropriate to the discipline.
2. Analyze a problem, and identify and define the computing requirements appropriate to its solution.
3. Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
4. Function effectively on teams to accomplish a common goal.
5. Demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities.
6. Communicate effectively with a range of audiences.
7. Analyze the local and global impact of computing on individuals, organizations, and society.
8. Recognize the need for and an ability to engage in continuing professional development.
9. Use current techniques, skills, and tools necessary for computing practice.
10. Apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
11. Apply design and development principles in the construction of software systems of varying complexity.

Computer Science Major (B.S.)

PURPOSE

The Computer Science (CSCI) major is offered by the School of Engineering and Computational Sciences with the purpose of developing Christ-centered men and women with the values, knowledge, and skills essential to impact computing-related disciplines in tomorrow’s world.

Students are exposed to the computer science core body of knowledge from a Christian worldview. Equipped with a firm foundation in algorithms and problem solving, they learn to analyze problems and design, implement, and test software solutions. Students also develop a strong background in mathematics to cultivate their reasoning abilities. Faculty help students prepare for a lifetime of service while encouraging undergraduate research and effective application of technology from a Christian worldview.
PROGRAM EDUCATIONAL OBJECTIVES

Our goal is, within a few years of graduating, our Computer Science graduates will be able to:

1. Demonstrate a sound understanding of the fundamentals principles and practices of computer science necessary for employment and graduate studies.
2. Apply computer science principles and practices to identify and document requirements, develop designs, as well as implement and validate solutions for computing systems of varying levels of complexity.
3. Establish a sense of continuous life-long learning and adopting new technologies where appropriate.
4. Develop skills for working in teams; communicating technical information effectively in both oral and written forms; engaging in creative and critical thinking; gaining and applying business knowledge; building leadership skills.
5. Display the Christian principles that are the basis for their professional ethics and behavior.

TEACHER LICENSURE

An endorsement in Computer Science is available. Those wishing to pursue teacher-related programs should seek information from the Teacher Licensure Office in the School of Education.

Career Opportunities

Computer Scientists
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.)

<table>
<thead>
<tr>
<th>General Education Requirements (59 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (45 hrs)</td>
<td></td>
</tr>
<tr>
<td>CSCI 110 Computing Foundations/Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 111 Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 112 Advanced Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 215 Algorithms &amp; Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 325 Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 342 Computer Architecture and Organization</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 355 Computer Network Architecture/Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 434 Theory of Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 443 Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 465 Technical Aspects of Information Security – OR</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 466 Modern Cryptography</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 481 Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 482 Applied Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CSCI (any CSCI)</td>
<td>3</td>
</tr>
<tr>
<td>CSCI (upper level)</td>
<td>3</td>
</tr>
<tr>
<td>CSCI – OR ENGS (upper level)</td>
<td>3</td>
</tr>
</tbody>
</table>

Directed Courses (Required) (13 hrs)

<table>
<thead>
<tr>
<th>Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 133 Calculus with Mathematica Lab</td>
<td>1</td>
</tr>
<tr>
<td>MATH 211 Introduction to Statistical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 250 Introduction to Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 321 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 350 Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Lab Science (4 hrs)</td>
<td></td>
</tr>
<tr>
<td>BIOL 101/103; BIOL 102/104; BIOL 200; or CHEM 121</td>
<td>4</td>
</tr>
</tbody>
</table>

Free Electives (6 hrs)
Graduation Requirements (2 hrs minimum)*
CRST 290 History of Life 2-3

* May be included in Free Elective hours

TOTAL HOURS: 127 hours minimum; at least 36 hours must be 300-400 level

INTELLIGENCE COGNATE

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

Intelligence Cognate: Government Studies (12 hrs)

<table>
<thead>
<tr>
<th>Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GOVT 380 Introduction to Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 381 Intelligence Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 480 Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 483 Military Intelligence – OR</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 484 Strategic Intelligence</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL HOURS: 136 hours minimum; at least 48 hours must be 300-400 level

Teacher Licensure Requirements – Endorsement: Computer Science (6-12)

General Education Requirements (59 hrs)

Courses in the Major (45 hrs)

Directed Courses (Required) (13 hrs)

Lab Science (4 hrs)

Teacher Licensure Requirements (30 hrs)

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

Professional Semester:

Educ 475 Seminar in Classroom Management 2
Educ 476 Student Teaching I 5
Educ 477 Student Teaching II 5

Graduation Requirements (2 hrs minimum)

CRST 290 History of Life 2-3

TOTAL HOURS: 153 hours minimum; at least 59 hours must be 300-400 level

Web Technology and Design Major (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.

**PROGRAM EDUCATIONAL OBJECTIVES**

Our goal is, within a few years of graduating, our Web Technology and Design graduates will be able to:

1. Demonstrate a sound understanding of the fundamentals principles and practices of web technologies necessary for employment and graduate studies.
2. Apply web technologies principles and practices to identify and document requirements, develop designs, as well as implement and validate solutions for computing systems of varying levels of complexity.
3. Establish a sense of continuous life-long learning and adopting new technologies where appropriate.
4. Develop skills for working in teams; communicating technical information effectively in both oral and written forms; engaging in creative and critical thinking; gaining and applying business knowledge; building leadership skills.
5. Display the Christian principles that are the basis for their professional ethics and behavior.

**Career Opportunities**

- Web Programmers
- Database Administrators
- Web Engineers
- Network Administrators
- Graphic Designers
- Systems Administrators
- Design Support Specialists
- Data Processing Managers
- Software Developers
- Software Trainers and Support Specialists
- Software Project Managers

**Program of Study**

**Web Technology and Design Major (B.S.)**

<table>
<thead>
<tr>
<th>General Education Requirements (57 hrs)</th>
<th>Courses in the Major (45 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 111 Introduction to Programming</td>
<td>CSCI 111 Introduction to Programming 3</td>
</tr>
<tr>
<td>CSCI 112 Advanced Programming</td>
<td>CSCI 112 Introduction to Programming 3</td>
</tr>
<tr>
<td>BMIS 212 Object-Oriented Programming</td>
<td>BMIS 212 Object-Oriented Programming 3</td>
</tr>
<tr>
<td>CSCI 215 Algorithms and Data Structures</td>
<td>BMIS 310 Web Architecture and Development 3</td>
</tr>
<tr>
<td>BMIS 310 Web Architecture and Development</td>
<td>BMIS 310 Advanced Object-Oriented Programming 3</td>
</tr>
<tr>
<td>BMIS 312 Advanced Object-Oriented Programming</td>
<td>CSCI 340 Studies in Information Security 3</td>
</tr>
<tr>
<td>CSCI 345 Computer Network Architecture and Programming</td>
<td>CSCI 345 Introduction to Unix 3</td>
</tr>
<tr>
<td>CSCI 355 Computer Network Architecture and Programming</td>
<td>ENGS 375 Introduction to Human Computer Interaction 3</td>
</tr>
<tr>
<td>CSCI 355 Computer Network Architecture and Programming</td>
<td>BMIS 351 System Analysis and Design 3</td>
</tr>
<tr>
<td>BMIS 351 System Analysis and Design</td>
<td>BMIS 325 Database Management Systems 3</td>
</tr>
<tr>
<td>BMIS 325 Database Management Systems</td>
<td>BMIS 470 Executive Perspectives on E-Commerce Technology 3</td>
</tr>
<tr>
<td>BMIS 470 Executive Perspectives on E-Commerce Technology</td>
<td>MATH 250 Introduction to Discrete Mathematics 3</td>
</tr>
<tr>
<td>MATH 250 Introduction to Discrete Mathematics</td>
<td>BMIS/CSCI/ENGS Choose any 300/400 level course 3</td>
</tr>
</tbody>
</table>

**Directed Courses:**

- ARTS 222 Desktop Publishing 3
- ARTS 332 Digital Illustration 3
- ARTS 341 Graphic Design 3
- ARTS 351 Digital Imaging 3
- ARTS 371 Advanced Graphics 3
- ARTS 4 ___ Choose from ARTS 472, 473, or 497 (when taught as 3D Graphics) 3

**Free Electives (6 hrs)**

| CRST 290 History of Life | CRST 290 History of Life 2-3 |

| Graduate Requirements* | CRST 290 History of Life 2-3 |

* May be included in Free Elective hours

**TOTAL HOURS**: 126 hours minimum; at least 45 hours must be 300-400 level

**Computer Science Minor**

<table>
<thead>
<tr>
<th>Computer Science Minor (21 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 110 Computing Foundations and Ethics 3</td>
</tr>
<tr>
<td>CSCI 111 Introduction to Programming 3</td>
</tr>
<tr>
<td>CSCI 112 Advanced Programming 3</td>
</tr>
<tr>
<td>CSCI 215 Algorithms and Data Structures 3</td>
</tr>
<tr>
<td>Electives (upper level) 6</td>
</tr>
<tr>
<td>MATH 250 Introduction to Discrete Mathematics 3</td>
</tr>
</tbody>
</table>

* May be included in Free Elective hours
Helms School of Government

Shawn D. Akers, B.A., M.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
Associate Professor of Criminal Justice

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

FACULTY
Professor
   Bowers, Buzzy, Murphy, Samson
Associate Professor
   Akers, Ferdon, Fischer, Metallo, Parke, Witham
Assistant Professor
   Cox, Martin, Miller

FACULTY – ONLINE
   DeBoer, Hedrick, Homer, Orr, Pyle, Smylie, Soto, Sutton

Instructor
   Bragg, Buckner, Duff, Venturo, Zuidema, B.

PURPOSE
   The Helms School of Government offers Bachelor of Arts, Bachelor of Science, and Associate of Arts degrees, with majors in Government, International Relations and Criminal Justice; minors in Government, International Relations, Criminal Justice, Strategic and Intelligence Studies and Western Legal Traditions; and concentrations in International Relations, Politics and Policy, International Politics and Policy, Strategic and Intelligence Studies and Western Legal Traditions (Pre-Law). The curriculum encourages students to approach their chosen professions as opportunities for Christian Service and equips students with a strong foundation of knowledge and skills in conducting the business of government, politics, policy making, public administration, public safety and military service. The goal of the curriculum is to produce action-oriented students who are able to understand and articulate the Biblical roots of our religious, economic, and political liberties, and, thus, to equip them to become highly qualified leaders in their chosen career fields.

INTERNSHIPS
   Knowledge becomes wisdom when a student takes the theory of the classroom and applies it in the context of the real world. To that end, our students are encouraged to apply for an internship in their field of study. The Helms School of Government is actively placing our students in positions at the White House, offices of elected officials, military and government intelligence agencies, and conservative political organizations. Internships are also available at the state and local government level as well as at federal and state criminal justice agencies.
   Applicants must satisfy the 2.50+ GPA requirement and successfully complete the rigorous screening process prior to placement. The program is designed to keep the student on track for graduation and qualify for financial aid programs.

PARTNERSHIPS
   In addition, in order to provide motivated students with unique educational opportunities, the Helms School of Government also partners with the Central Virginia Criminal Justice Academy, the School of Engineering and Computational Sciences, and the School of Communication. These partnerships are in place to set students apart and better prepare them for employment.

CENTER FOR PRE-LAW STUDIES
   The Center for Pre-Law Studies uniquely incorporates a biblical worldview to prepare future law students for success. Everything, from academic programs to competing teams, to lecture series and extracurricular offerings, is designed to help students prepare for, and succeed in, law school. The Center for Pre-Law Studies also provides resources to assist students in the law school application process including choosing law schools, preparing for the LSAT, and crafting a winning personal statement. More information is available on the website at www.liberty.edu/academics/helmsschoolofgovernment/prelawstudies.

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, etc)
   Parole/Probation Officer
   Secret Service, etc
   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 (Pre-Law)
   Attorney
   Politician
   Judge
   Public Administrator
   Legislation Analyst
   Federal Agent

DRESS CODE
   The Helms School of Government requires its faculty and students to maintain a neat, well-groomed, and professional appearance. The standards in this code apply to all 300 and 400 level classes and exams, as well as school-wide functions held within the Helms School of Government. More information can be found online at http://www.liberty.edu/index.cfm?PID=19738.

DEGREE COMPLETION PLANS (DCP)
   Degree Completion Plans for degree programs offered by the Helms School of Government can be found online at: http://www.liberty.edu/dcps.
Criminal Justice Major (B.S.)

PROGRAM LEARNING OUTCOMES

The student will be able to:
1. Evaluate the nature of the criminal justice system from a biblical worldview.
2. Communicate effectively in both written and oral formats.
3. Demonstrate competence in the discipline of criminal justice.
4. Solve various criminal justice dilemmas.
5. Evaluate substantive and procedural criminal law from a Constitutional perspective.

Government Major (B.A./B.S.)

The student will be able to:
1. Evaluate the nature and role of government from a biblical worldview.
2. Communicate effectively in both written and oral formats.
3. Integrate ethical and values-driven decision making in government scenarios.
4. Evaluate political or government related dilemmas.

International Relations Concentration

The student will be able to:
1. Evaluate dilemmas in geopolitical and international relations.
2. Recognize and apply major fundamental concepts of international relations to international relations dilemmas/practices.

Politics and Policy Concentration

The student will be able to:
1. Evaluate comparative political and economic theories as they relate to the field of Government
2. Demonstrate the ways in which domestic and international political and policymaking processes interact.

Western Legal Traditions Concentration

The student will be able to:
1. Apply western legal traditions concepts to practice-based scenarios.

International Relations Major (B.A.)

The student will be able to:
1. Evaluate the nature and role of government from a Biblical worldview.
2. Integrate ethical and values-driven decision making in government scenarios.
3. Communicate effectively in both written and oral formats.
4. Demonstrate competence in the basic principles of international relations.
5. Evaluate dilemmas in geopolitical or international relations.
6. Recognize and apply major fundamental concepts of international relations to international relations dilemmas/practices.

International Politics and Policy Concentration

The student will be able to:
1. Evaluate comparative political and economic theories as they relate to the field of international relations.
2. Demonstrate the ways in which domestic and international political and policy-making processes interact.

Strategic and Intelligence Studies Concentration

The student will be able to:
1. Demonstrate an understanding of the broader intelligence community and the intelligence cycle.
2. Integrate strategic and intelligence considerations in multiple contexts.
3. Evaluate research and form analyses on critical intelligence issues.

Programs of Study

Criminal Justice Major (B.S.)

**General Education Requirements (55 hrs)**

Courses in the Major (36 hrs)

- CJUS 200 Introduction to Criminal Justice 3
- CJUS 230 Criminal Justice Research and Writing 3
- CJUS 300 Administration of Justice Organizations 3
- CJUS 310 Juvenile Justice 3
- CJUS 320 Corrections 3
- CJUS 330 Judicial Process 3
- CJUS 340 Criminology 3
- CJUS 350 Criminal Justice Ethics 3
- CJUS 400 Criminal Law 3
- CJUS 410 Constitutional Criminal Procedure 3
- CJUS 420 Criminal Investigations 3
- GOVT 480 Terrorism 3

**Directed Courses (required) (12-20 hrs)**

- GOVT 200 Constitutional Government and Free Enterprise* 3
- GOVT 220 American Government* 3

Must choose courses from the following:

- CJUS Any courses not listed above
- ACCT Any courses
- BUSI 310 or 340
- GOVT 327, 340, 345, 360, 422, 458, 462, 475 or other approved GOVT courses
- PSYC 101, 210, 430, or other approved PSYC courses

**Language (Modern)**

- Language (12 hrs)

**Graduation Requirements**

- CRST 290 History of Life** 2-3

* These approved General Education courses may be counted in Foundational/Investigative Studies.

** CRST 290 can be counted as Free Elective

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

Government Major (B.A.)

International Relations Concentration

**General Education Requirements (55 hrs)**

**Language (12 hrs) Must be one language.**

**Core Courses (24 hrs)**

- GOVT 210 Introduction to Political Science 3
- GOVT 220 American Government 3
- GOVT 340 International Relations 3
- GOVT 350 Political Economy and Public Policy 3
- GOVT 421 American Constitutional History 3
- GOVT 425 American Foreign Policy 3
- GOVT 490 Political Theory 3
- GOVT 492 Senior Seminar 3

**Concentration Courses (21 hrs)**

- GOVT 330 Introduction to Comparative Politics 3
- GOVT 440 Political Geography 3
- GOVT 445 International Law 3
### Government Major (B.A.)
#### Politics and Policy Concentration

**General Education Requirements (55 hrs)**

**Language (12 hrs)** Must be one language

<table>
<thead>
<tr>
<th>Core Courses (24 hrs)</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>GOVT 210</td>
<td>Introduction to Political Science</td>
</tr>
<tr>
<td>GOVT 220</td>
<td>American Government</td>
</tr>
<tr>
<td>GOVT 340</td>
<td>International Relations</td>
</tr>
<tr>
<td>GOVT 350</td>
<td>Political Economy and Public Policy</td>
</tr>
<tr>
<td>GOVT 421</td>
<td>American Constitutional History</td>
</tr>
<tr>
<td>GOVT 425</td>
<td>American Foreign Policy</td>
</tr>
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<tr>
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</tr>
<tr>
<td>GOVT 302</td>
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</tr>
<tr>
<td>GOVT 320</td>
<td>American Executive Processes/Institutions</td>
</tr>
<tr>
<td>GOVT 322</td>
<td>American Legislative System</td>
</tr>
<tr>
<td>GOVT 327</td>
<td>State and Local Government</td>
</tr>
<tr>
<td>GOVT 330</td>
<td>Introduction to Comparative Politics</td>
</tr>
<tr>
<td>GOVT/CJUS</td>
<td>Upper level Elective</td>
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<table>
<thead>
<tr>
<th>Directed Courses (Required) (0-6 hrs)</th>
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</thead>
<tbody>
<tr>
<td>MATH 201</td>
<td>Introduction to Probability and Statistics*</td>
</tr>
<tr>
<td>GOVT 200</td>
<td>Constitutional Government and Free Enterprise*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Free Electives (0-8 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST 290</td>
<td>History of Life**</td>
</tr>
</tbody>
</table>

* These approved General Education courses may be counted in Foundational/Investigative Studies

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

### Government Major (B.A.)
#### Western Legal Traditions Concentration

**General Education Requirements (55 hrs)**

**Language (12 hrs)** Must be one language

<table>
<thead>
<tr>
<th>Core Courses (21 hrs)</th>
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</tr>
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<tr>
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</tr>
<tr>
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<td>International Relations</td>
</tr>
<tr>
<td>GOVT 345</td>
<td>Jurisprudence</td>
</tr>
<tr>
<td>GOVT 350</td>
<td>Political Economy and Public Policy</td>
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<tr>
<td>GOVT 425</td>
<td>American Foreign Policy</td>
</tr>
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<td>GOVT 490</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Concentration Courses (24 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CJUS 400</td>
<td>Criminal Law</td>
</tr>
<tr>
<td>GOVT 346</td>
<td>Legal Research and Writing</td>
</tr>
<tr>
<td>GOVT 421</td>
<td>American Constitutional History</td>
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** TOTAL HOURS: **120 hours minimum required; at least 45 hours must be 300-400 level.

### Government Major (B.S.)
#### Politics and Policy Concentration

**General Education Requirements (55 hrs)**

<table>
<thead>
<tr>
<th>Core Courses (21 hrs)</th>
<th></th>
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<tbody>
<tr>
<td>GOVT 220</td>
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<td>GOVT/CJUS</td>
<td>Electives (upper level)</td>
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<td>CRST 290</td>
<td>History of Life**</td>
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</tbody>
</table>

* These approved General Education courses may be counted in Foundational/Investigative Studies

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

### Government Major (B.S.)
#### Western Legal Traditions Concentration

**General Education Requirements (55 hrs)**

<table>
<thead>
<tr>
<th>Core Courses (18 hrs)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GOVT 220</td>
<td>American Government</td>
</tr>
<tr>
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<td>GOVT 490</td>
<td>Political Theory</td>
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</tbody>
</table>

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<thead>
<tr>
<th>Concentration Courses (27 hrs)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CJUS 400</td>
<td>Criminal Law</td>
</tr>
<tr>
<td>GOVT 345</td>
<td>Jurisprudence</td>
</tr>
<tr>
<td>GOVT 346</td>
<td>Legal Research and Writing</td>
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</tbody>
</table>

** TOTAL HOURS: **120 hours minimum required; at least 42 hours must be 300-400 level.
### International Relations Major (B.A.)

#### International Politics and Policy Concentration

**General Education Requirements (55 hrs)**

**Language (12 hrs) Must be one language**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOVT 210</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
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<tr>
<td>GOVT 350</td>
<td>Political Economy and Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 421</td>
<td>American Constitutional History</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 440</td>
<td>Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 480</td>
<td>Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 490</td>
<td>Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 492</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

**Concentration Courses (18 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOVT 330</td>
<td>Introduction to Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 405</td>
<td>Political and Economic Development</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 425</td>
<td>American Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 445</td>
<td>International Law</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Upper Level: choose from the following:</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>GOVT/HIEU/HIWD or LANG for Latin America, Europe, Middle East and North Africa, or Asia</td>
<td></td>
</tr>
</tbody>
</table>

**Directed Courses (Required) (0-6 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 201</td>
<td>Introduction to Probability and Statistics*</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 200</td>
<td>Constitutional Government and Free Enterprise*</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (0-8 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST 290</td>
<td>History of Life**</td>
<td>2-3</td>
</tr>
</tbody>
</table>

* These approved General Education courses may be counted in Foundational/Investigative Studies
** CRST 290 can be counted as Free Elective

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

### Criminal Justice Major (A.A.)

**Program Learning Outcomes**

The student will be able to:

1. Demonstrate competence in the basic criminal justice process.
2. Evaluate the nature and causes of crime as they relate to biblical worldview principles.
3. Apply basic principles of criminal law.
4. Identify and evaluate the sources of criminal law in the American system.

**Programs of Study**

**Criminal Justice Major (A.A.)**

**General Education Requirements (43 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJUS 200</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 320</td>
<td>Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 330</td>
<td>Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 340</td>
<td>Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 400</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CJUS/GOVT/PSYC Elective</td>
<td></td>
<td>3</td>
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</table>

**Directed Courses (Required) (0-6 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOVT 200</td>
<td>Constitutional Government and Free Enterprise*</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (3 hrs)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST 290</td>
<td>History of Life**</td>
<td>2-3</td>
</tr>
</tbody>
</table>

* These course may be counted in Foundational/Investigative Studies
** CRST can be included as elective hours

**TOTAL HOURS:** 64 hours minimum required.
Government Major (A.A.)

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Evaluate the nature and role of government from a biblical worldview.
2. Demonstrate a basic knowledge of the discipline of government.
3. Demonstrate basic analytical skills and the ability to communicate ideas in written format.

Government Major (A.A.) (18 hrs)

General Education Requirements (43 hrs)
Courses in the Major (18)
GOVT 220 American Government 3
GOVT 350 Political Economy and Public Policy 3
GOVT Electives (300-400 level) GOVT 421, 425 or 490 are strongly recommended 12

Directed Courses (Required) (0-6 hrs)
GOVT 200 Constitutional Government and Free Enterprise 3
GOVT 220 American Government OR 3
SOCI 200 Introduction to Sociology

Free Electives (3 hrs)

Graduation Requirements
CRST 290 History of Life 2-3

* These course may be counted in Foundational/Investigative Studies
** CRST can be included as elective hours

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.

Criminal Justice Minor

Criminal Justice Minor (15 hrs)
CJUS 200 Introduction to Criminal Justice 3
CJUS 340 Criminology 3
CJUS Electives (300-400 level) 9

Government Minor

Government Minor (15 hrs)
GOVT 200 Constitutional Government and Free Enterprise 3
GOVT 220 American Government 3
GOVT Electives (300-400 level) 3
Choose two courses (6 hrs) from:
GOVT 350 Political Economy and Public Policy
GOVT 421 American Constitutional History
GOVT 490 Political Theory

International Relations Minor

International Relations Minor (18 hrs)
GOVT 330 Introduction to Comparative Politics 3
GOVT 340 International Relations 3
GOVT 425 American Foreign Policy 3

Directed Courses (required):
Choose three courses (9 hrs) from the following:
GOVT 332 Politics of Europe
GOVT 334 Politics of Latin America
GOVT 335 Politics of Asia
GOVT 337 Politics of Middle East
GOVT 405 Political and Economic Development
GOVT 440 Political Geography
GOVT 445 International Law
GOVT 480 Terrorism

NOTE: GOVT 200 is a prerequisite for all upper level GOVT courses.

Politics and Policy Minor

Politics and Policy Minor (15 hrs)
GOVT 350 Political Economy and Public Policy 3
Choose four courses (12 hrs) from the following:
GOVT 320 American Executive Processes /Institutions
GOVT 322 American Legislative System
GOVT 327 State and Local Government
GOVT 328 American Political Process
GOVT 360 Introduction to Public Administration
GOVT 425 American Foreign Policy

NOTE: GOVT 200 is a prerequisite for all upper level GOVT courses.

Strategic and Intelligence Studies Minor

Strategic and Intelligence Studies Minor (15 hrs)
GOVT 200 Constitutional Government and Free Enterprise – OR 3
GOVT 220 American Government
Choose two courses (6 hrs) from the following:
GOVT 380 Introduction to Intelligence
GOVT 381 Intelligence Analysis
GOVT 480 Terrorism
GOVT Intelligence-Related Electives (300-400 level) 6

NOTE: GOVT 200 is a prerequisite for all upper level GOVT courses.

Western Legal Traditions Minor

Western Legal Traditions Minor* (18 hrs)
Choose two courses (6 hrs) from the following:
GOVT 345 Jurisprudence
GOVT 346 Legal Research and Writing
PHIL 210 Logic

Directed Courses (required):
Choose one of the following courses (3 hrs):
GOVT 477 Trial Advocacy
GOVT 478 Appellate Advocacy
COMS 335 Argumentation
Choose one of the following courses (3 hrs):
GOVT 421 American Constitutional History
GOVT 422 American Constitutional Law
Choose one of the following courses (3 hrs):
BUSI 301, COMS 484, CJUS 400, CJUS 410, GOVT 445, GOVT 470, or SMGT 305

* GOVT 200 is a prerequisite for all upper level GOVT courses.
^Prerequisites apply to these courses
PURPOSE
In the Helms School of Government, the curriculum is designed to equip students with a strong foundation of knowledge and skills in conducting the business of government, politics, public administration, policy and military service as a Christian service. The goal of the curriculum is to produce action-oriented students who are able to understand and articulate the biblical roots of our religious, economic, and political liberties, and thus to equip them to become highly qualified leaders in their chosen career fields.

Criminal Justice Major (B.S.)
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Evaluate the nature of the criminal justice system from a biblical worldview.
2. Communicate effectively in both written and oral formats.
3. Demonstrate competence in the discipline of criminal justice.
4. Solve various criminal justice dilemmas.
5. Evaluate substantive and procedural criminal law from a Constitutional perspective.

Forensics Cognate
- The student will be able to apply forensic concepts and practices to the context of criminal justice.

Homeland Security Cognate
- The student will be able to apply Homeland Security practices and administration in the context of criminal justice.

Youth Corrections Cognate
- The student will be able to apply criminal justice concepts to the context of youth corrections.

Program of Study

<table>
<thead>
<tr>
<th>Criminal Justice Major (B.S.)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (42 hrs)</strong></td>
<td></td>
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<tr>
<td>Core Courses (36 hrs)</td>
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</tr>
<tr>
<td>CJUS 200 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 230 Criminal Justice Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 300 Administration of Justice Organizations</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 310 Juvenile Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 320 Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 330 Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 340 Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 350 Criminal Justice Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 400 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 410 Constitutional Criminal Procedure</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 420 Criminal Investigations</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 480 Terrorism</td>
<td>3</td>
</tr>
<tr>
<td><strong>CJUS Electives (9 hrs)</strong></td>
<td>9</td>
</tr>
</tbody>
</table>

Choose any CJUS course not listed above (to include CJUS 499). Any ACCT course; BUSI 310 or 340; SOCI 200 or 201; GOVT 327, 340, 345, 422, 458, 462, 475 or other approved GOVT courses; language (modern); PSYC 101, 210, 231, 430 or other approved PSYC courses.

| Electives (33 hrs)* | 33 |
| Cognate Courses (12 hrs) [Optional] |  |
| * Students taking the cognate option do not take the CJUS Electives and the number of free electives is reduced to 30 hrs. |  |

| FORENSICS COGNATE [Spring 2012] |  |
| CJUS 360 Introduction to Forensics | 3 |
| CJUS 361 Crime Scene Photography | 3 |
| CJUS 362 Crime Scene Management | 3 |
| CJUS 363 Computer and Cyber Forensics | 3 |

| HOMELAND SECURITY COGNATE [Spring 2012] |  |
| CJUS 380 Introduction to Homeland Security | 3 |
| CJUS 381 Incident Command System/Emergency Planning and Incident Management | 3 |
| CJUS 382 Critical Infrastructure Protection | 3 |
| CJUS 383 Behavioral Dimensions of Disaster | 3 |

| YOUTH CORRECTIONS COGNATE [Spring 2012] |  |
| CJUS 321 Juvenile Corrections | 3 |
| CJUS 322 Community Based Corrections | 3 |
| CJUS 323 Delinquency and Crime Prevention | 3 |
| CJUS 324 Legal and Ethical Issues in Juvenile Justice | 3 |

Criminal Justice Major (A.A.)
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate competence in the basic criminal justice process.
2. Evaluate the nature and causes of crime as they relate to biblical worldview principles.
3. Apply basic principles of criminal law.
4. Identify and evaluate the sources of criminal law in the American system.

Program of Study

<table>
<thead>
<tr>
<th>Criminal Justice Major (A.A.)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (39 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>Core Courses (21 hrs)</td>
<td></td>
</tr>
<tr>
<td>CJUS 200 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 230 Criminal Justice Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 320 Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 330 Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 340 Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 350 Criminal Justice Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 400 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 410 Constitutional Criminal Procedure</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 420 Criminal Investigations</td>
<td>3</td>
</tr>
<tr>
<td>GOVT 480 Terrorism</td>
<td>3</td>
</tr>
<tr>
<td><strong>CJUS Elective</strong></td>
<td>9</td>
</tr>
</tbody>
</table>

Any CJUS course not required above; GOVT 220, PSYC 231, 341, or 430

| TOTAL HOURS: 60 minimum |  |

Criminal Justice Minor

<table>
<thead>
<tr>
<th>Criminal Justice Minor (15 hrs)</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (3 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>Major Courses (21 hrs)</td>
<td></td>
</tr>
<tr>
<td>CJUS 200 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 230 Criminal Justice Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 320 Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 330 Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 340 Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 400 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CJUS Elective</td>
<td>9</td>
</tr>
</tbody>
</table>

| TOTAL HOURS: 60 minimum |  |

<table>
<thead>
<tr>
<th>Criminal Justice Minor (15 hrs)</th>
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</tr>
<tr>
<td>CJUS 200 Introduction to Criminal Justice</td>
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</tr>
<tr>
<td>CJUS 230 Criminal Justice Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>CJUS Electives</td>
<td>9</td>
</tr>
</tbody>
</table>
School of Health Sciences

Acting Dean, School of Health Sciences
Chair, Department of Health Professions
Professor of Health Sciences

PURPOSE
The School of Health Sciences prepares students for careers and Christian service in the natural sciences and health disciplines. Current undergraduate majors include: Athletic Training, Biochemistry and Molecular Biology; Biology; Exercise Science, Health Promotion, Kinesiology, and Nursing. The Department also offers the RN to BSN and Master of Public Health degrees. All of the academic programs are fully accredited and or licensed by the appropriate national boards.

Department of Biology and Chemistry

David A. DeWitt, B.S., Ph.D.
Chair, Department of Biology and Chemistry
Director, Center for Creation Studies
Professor of Biology

Randall D. Davy, B.S., M.S., Ph.D.
Assistant Chair, Department of Biology and Chemistry
Professor of Chemistry

FACULTY
Professor
Blais, Davy, Detwiler, DeWitt, D., Gillen, Hemric, Hubbard, Oliver, Reichenbach, Sattler, E., Sattler, P., Sharp, Spohn

Associate Professor
Abraham, Brophy, Howell, McGibbon, McGuirt, Richardson, Ross

Assistant Professor
Fabich, Goldin, Issacs, Korn, Mitchell

PURPOSE
The Department of Biology and Chemistry provides baccalaureate programs in biology and biochemistry and molecular biology, and services courses in biology and chemistry for Resident and Online Programs. Our programs seek both to transmit and expand knowledge as well as to provide opportunities for research and service. The Department is a community of persons who are voluntarily linked in the pursuit of knowledge, providing a reasoned presentation of these academic disciplines in relation to the Christian faith. The Department’s mission is to communicate academic content, Christian values, and requisite skills, all of which prepare persons for a lifetime process of learning and service.

Biochemistry and Molecular Biology Major (B.S.)

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Communicate scientific information both orally and in writing.
2. Design and conduct biochemical experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.
5. Demonstrate competence in biochemistry, cell, and molecular biology.
6. Analyze and critique laboratory research results in the biochemical or molecular 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. Mark Blais

The purpose of the Pre-Med Honor Society is to give recognition to students who have excelled in the biology and chemistry curricula or any other Liberty University major. Members of the Pre-Med honor society are exemplary for their high academic achievement, strong personal characteristics and their deep commitment to helping others.

Criteria for membership:
A student must have:
1. Maintained a GPA of at least 3.50 in any major field of study, and
2. A deep interest in becoming medical doctors.

Career Opportunities

<table>
<thead>
<tr>
<th>Chemical Technician</th>
<th>Medical School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chiropractic School</td>
<td>Medical Technologist</td>
</tr>
<tr>
<td>Dental Hygienist</td>
<td>National Park Ranger</td>
</tr>
<tr>
<td>Dental School</td>
<td>Osteopathic School</td>
</tr>
<tr>
<td>Environmental Biology</td>
<td>Pharmacy School</td>
</tr>
<tr>
<td>H.S. Biology Teacher</td>
<td>Physician Assistant</td>
</tr>
</tbody>
</table>
These approved General Education courses may be counted in:

CRST 290 can be included as Elective hours

Program of Study

Biochemistry and Molecular Biology Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (55-59 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (36 hrs) (“C” or better required)</td>
</tr>
<tr>
<td>BIOL 200 Foundations of Biology</td>
</tr>
<tr>
<td>BIOL 207 General Botany – OR</td>
</tr>
<tr>
<td>BIOL 208 General Zoology</td>
</tr>
<tr>
<td>BIOL 301 Genetics</td>
</tr>
<tr>
<td>BIOL 303 Microbiology</td>
</tr>
<tr>
<td>BIOL 415 Cell Biology</td>
</tr>
<tr>
<td>BIOL 400 Biology Seminar</td>
</tr>
<tr>
<td>BCHM 451 Biochemistry I</td>
</tr>
<tr>
<td>BCHM 452 Biochemistry II</td>
</tr>
<tr>
<td>BCHM 455 Molecular &amp; Biochemical Techniques</td>
</tr>
<tr>
<td>BIOL Electives (300 - 400 level)</td>
</tr>
</tbody>
</table>

Directed Courses (Required) (20-36 hrs)

(*“C” or better required)

MATH 131 Calculus and Analytic Geometry I* | 4 |
MATH 132 Calculus/Analytic Geometry II* | 4 |
MATH 133 Calculus with Math Lab | 1 |
MATH 211 Introduction to Probability and Statistics* | 3 |
PHYS 231 University Physics I** | 4 |
PHYS 232 University Physics II* | 4 |
CHEM 121 General Chemistry I* | 4 |
CHEM 122 General Chemistry II* | 4 |
CHEM 301 Organic Chemistry I | 4 |
CHEM 302 Organic Chemistry II | 4 |

Free Electives (0-5 hrs)**

Graduation Requirements

CRST 290 History of Life – OR | 2-3 |
CRST 390 Origins

* These approved General Education courses may be counted in Foundational/Investigative Studies

** CRST 290 can be included as Elective hours

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

Biology Major (B.S.)

PROGRAM LEARNING OUTCOMES

The student will be able to:
1. Communicate scientific information both orally and in writing.
2. Design and conduct biological experiments.
3. Apply standards and principles of safe practice in the laboratory or field environment.

General Biology Concentration

The student will be able to:
1. Demonstrate competence in the basic categories of the biological sciences.
2. Analyze and critique field or laboratory research results in the molecular or ecological sciences.

Environmental Science Concentration

The student will be able to:
1. Demonstrate competence in the environmental sciences.
2. Analyze and critique field research results in the environmental sciences.

Molecular Biology Concentration

The student will be able to:
1. Demonstrate competence in cell and molecular biology.
2. Analyze and critique laboratory research results in the molecular sciences.

Pre-Med Concentration

The student will be able to:
1. Demonstrate competence in the integration of the biological and physical sciences.
2. Analyze and critique laboratory research results in the medical or molecular sciences.

Programs of Study

Biochemistry Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (55-64 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (36 hrs) (“C” or better required)</td>
</tr>
<tr>
<td>BIOL 200 Foundations of Biology</td>
</tr>
<tr>
<td>BIOL 207 General Botany – OR</td>
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<tr>
<td>BIOL 208 General Zoology</td>
</tr>
<tr>
<td>BIOL 301 Genetics</td>
</tr>
<tr>
<td>BIOL 310 Ecology</td>
</tr>
<tr>
<td>BIOL 400 Biology Seminar</td>
</tr>
<tr>
<td>BIOL 415 Cell Biology</td>
</tr>
<tr>
<td>BIOL Electives (300-400 level)</td>
</tr>
</tbody>
</table>

Directed Courses (Required) (15-36 hrs)

(*“C” or better required)

MATH 126 Elementary Calculus for Business and Science *=– OR | 3/9 |
MATH 131/132 Introduction to Probability and Statistics* =– OR | 3 |
MATH 211 Introduction to Statistical Analysis | 4 |
PHYS 201* and 202* =– OR | 4 |
PHYS 231 and 232 | 4 |
CHEM 121 General Chemistry I* | 4 |
CHEM 122 General Chemistry II* | 4 |
CHEM 301 Organic Chemistry I | 4 |
CHEM 302 Organic Chemistry II | 4 |

Free Electives (0-11 hrs)**

Graduation Requirements

CRST 290 History of Life – OR | 2-3 |
CRST 390 Origins

* These approved General Education courses may be counted in Foundational/Investigative Studies

** CRST 290 can be included as Elective hours

NOTE: CHEM 121 and 122 are prerequisites to BIOL 301
CHEM 301 is a prerequisite or co-requisite to BIOL 415
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)

<table>
<thead>
<tr>
<th>General Education Requirements (55-64 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (36 hrs) (“C” or better required)</td>
</tr>
<tr>
<td>BIOL 200 Foundations of Biology</td>
</tr>
<tr>
<td>BIOL 207 General Botany</td>
</tr>
<tr>
<td>BIOL 208 General Zoology</td>
</tr>
</tbody>
</table>
**Directed Courses (Required) (15-39 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 410</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 400</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 418</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 408</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 320</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 310</td>
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</tr>
<tr>
<td>BIOL 208</td>
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</tr>
<tr>
<td>BIOL 207</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 200</td>
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</tbody>
</table>

**Teacher Licensure Requirements (30 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 125/126</td>
<td>1.5/1</td>
</tr>
<tr>
<td>EDUC 221</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 235/236</td>
<td>2/2.5</td>
</tr>
<tr>
<td>EDUC 360</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 425</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 435/436</td>
<td>3/3.5</td>
</tr>
<tr>
<td>HLTH 440/441</td>
<td>2/2.5</td>
</tr>
<tr>
<td><strong>Professonal Semester</strong></td>
<td></td>
</tr>
<tr>
<td>EDUC 475</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 476</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 477</td>
<td>1</td>
</tr>
<tr>
<td><strong>Graduation Requirements (2 hrs minimum)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>CRST 390 Origins</strong></td>
<td>2-3</td>
</tr>
</tbody>
</table>

* These approved General Education courses may be counted in Foundational/Investigative Studies

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

---

**Teacher Licensure Requirements – Endorsement: Biology/Environmental Science (Grades 6-12)

**General Education Requirements (55-64 hrs)**

Courses in the Major (36 hrs) (“C” or better required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 200 Foundations of Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 207 General Botany</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 208 General Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 310 Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 320 Introduction to Entomology – OR</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 408 Animal Behavior – OR</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 418 Vertebrate Natural History – OR</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 419 Ornithology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 400 Biology Seminar</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 410 Environmental Biology</td>
<td>4</td>
</tr>
</tbody>
</table>

Directed Courses (Required) (14-24 hrs)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 126 Elementar Calculus for Business and Science * – OR</td>
<td>3/9</td>
</tr>
</tbody>
</table>

**Total:** 120 hours minimum; at least 32 hours must be 300-400 level.
These approved General Education courses may be counted in Foundational/Investigative Studies.

**CRST 290 can be included as Elective hours**

**TOTAL HOURS:** 140 hours minimum; at least 50 hours must be 300-400 level.

### Biology Major (B.S.)

#### Molecular Biology Concentration

**General Education Requirements (55-64 hrs)**

**Courses in the Major (36 hrs) (*C* or better required)**

- 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 – OR 4
- BCHM 452 Biochemistry II 4
- BCHM 455 Biochemical and Molecular Techniques 3
- BIOL Electives (300-400 level) 8

**Directed Courses (Required) (15-36 hrs) (*C* or better required)**

- MATH 126 Elementary Calculus for Business and Science *– OR 3/9
- MATH 131/132 Introduction to Probability and Statistics *– OR 3
- MATH 211 Introduction to Statistical Analysis 4
- PHYS 201* and 202* – OR 4
- PHYS 231 and 232 4
- CHEM 121 General Chemistry I* 4
- CHEM 122 General Chemistry II* 4
- CHEM 301 Organic Chemistry I 4
- CHEM 302 Organic Chemistry II 4

**Free Electives (0-14 hrs)**

**Graduation Requirements**

- CRST 290 History of Life – OR 2-3
- CRST 390 Origins 4

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

### Biology Minor (20 hrs)

#### 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

**PROGRAM LEARNING OUTCOME**

The student will be able to:

- Solve applied chemical problems.

#### 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

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

**Professor of Biology**

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

The primary educational activity of the Center is the presentation of CRST 290, History of Life. This course is required of all Liberty students and is designed to provide a thorough understanding of the creation-evolution controversy.
Exhibits, currently located in the Science Hall and back hallway of DeMoss Hall, teach concepts of the creation model, describe creationist research, and glorify the Creator of earth and life.

PURPOSE
The purpose of the Center for Creation Studies is to promote the development of a consistent biblical view of origins in our students. The Center seeks to equip students to defend their faith in the creation account in Genesis using science, reason, and the Scriptures. The minor in Creation Studies provides a flexible program with a broad training in scientific disciplines that relate to origins as well as the Bible. Students in science or non-science majors can benefit from the in depth study of creation and evolution.

Creation Studies Minor
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Analyze the data relating to the issues of creation and evolution.
2. Provide scientific and biblical arguments that support a literal interpretation of the biblical account of world history.

<table>
<thead>
<tr>
<th>Creation Studies Minor (20 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRST 290  History of Life</td>
</tr>
<tr>
<td>CRST 390  Origins</td>
</tr>
<tr>
<td>BIBL 410  Genesis</td>
</tr>
<tr>
<td>Select three courses (12 hrs) from the following:</td>
</tr>
<tr>
<td>PHSC 210/211  Elements of Earth Science / Lab</td>
</tr>
<tr>
<td>PHSC 310  Astronomy: An Integrated Approach</td>
</tr>
<tr>
<td>BIOL 415  Cell Biology</td>
</tr>
<tr>
<td>*BIOL 102/104  Principles of Human Biology / Lab – OR</td>
</tr>
<tr>
<td>*BIOL 208  General Zoology – OR</td>
</tr>
<tr>
<td>*BIOL 213  Anatomy and Physiology I – AND</td>
</tr>
<tr>
<td>*BIOL 214  Anatomy and Physiology I Lab – OR</td>
</tr>
<tr>
<td>*BIOL 215  Anatomy and Physiology II – AND</td>
</tr>
<tr>
<td>*BIOL 216  Anatomy and Physiology II Lab</td>
</tr>
<tr>
<td>*BIOL 321  Comparative Anatomy</td>
</tr>
</tbody>
</table>

* Only one of these courses will count toward the minor. If BIOL 213/214 or 215/216 is selected, students must take both courses but only 4 credits count toward the minor.

Department of Health Professions

Chair, Department of Health Professions
Professor of Health Sciences

Associate Chair, Department of Health Professions
Director, Health Promotion Program
Professor of Health Promotion

Jon House, B.S., M.S., Ed.D.
Director, Kinesiology Program
Associate Professor of Health Sciences

Director, Athletic Training Education Program
Associate Professor of Health Sciences

Director, Exercise Science Program
Director, Human Performance Lab
Associate Professor of Health Sciences

FACULTY
Professor
Farver, Florence, Horton, Linstra, Mahoney

Associate Professor
Henderson, House, Lennon, Parson, Pickard, Schoffstall, J.

Assistant Professor
Brukaker, Kilbourne, Lowes, Porter, Titcomb

Instructor
Gogain

Approved Clinical Instructors
Bishop, Casola, Cops, Finke, Hoinsky, Hoskins, Lawrenson, Martin, D., Moore, E., Preussier, Schreiner, Witt

PURPOSE
The Department of Health Professions faculty are committed to preparing students in four majors: Athletic Training, Exercise Science, Health Promotion and Kinesiology. Each major leads to a Bachelor of Science degree. Our objective is to encourage student growth in these disciplines from a Christian worldview perspective in preparation for employment/graduate education as they pursue God’s purpose for their lives.

TEACHER LICENSURE
Teacher preparation and endorsement in health/physical education is available only through the Kinesiology Major within the Department of Health Professions and the Teacher Education Department. Those wishing to pursue teaching-related programs should seek information from the Director of Kinesiology/Physical Education and the Teacher Licensure Office in the School of Education. Licensure information is also available at www.liberty.edu/uguide.

Athletic Training Major (B.S.)
Athletic training is practiced by certified athletic trainers, health care professionals who collaborate with physicians to optimize activity and participation of patients and clients. Athletic training encompasses the prevention, diagnosis, and intervention of emergency, acute, and chronic medical conditions involving impairment, functional limitations, and disabilities. Athletic Trainers are recognized by AMA (American Medical Association) as an allied health care profession since 1990 (www.nata.org, 2010).
Entry-level athletic training education uses a competency-based approach in both the classroom and clinical settings. Using a medical-based education model, athletic training students (ATS) are educated to provide comprehensive preventive services and care in six domains of clinical practice: prevention, clinical evaluation and diagnosis, immediate care, treatment, rehabilitation, and reconditioning; organization and administration; and professional responsibility. The educational requirements for Commission on Accreditation of Athletic Training (CAATE)-accredited Athletic Training Education Programs (ATEP) 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 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 CAATE.

The 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 LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate proper assessment techniques in the evaluation of athletic injuries.
2. Determine the correct therapeutic treatment and rehabilitation protocol to promote return to activity.
3. Communicate effectively to related medical and nonmedical professionals within the athletic training setting.
4. Apply research methods using evidence-based practices in the evaluation of athletic injuries and treatments.
5. Demonstrate mastery of the knowledge and skills necessary to effectively perform as an entry-level Certified Athletic Trainer as defined by the program’s accrediting body.

**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, 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.

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](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, Provisional acceptance does not guarantee full acceptance into the program. Additionally, Provisionally-accepted students must meet the Program Retention Standards in order to remain in the Program.

**Full Acceptance Status**

During the student’s Provisional semester, application for full acceptance to the program can be initiated. Grades will be reviewed
at the end of the semester, with final acceptance based on previous grades and successful completion of the following courses: ATTR 220; ATTR 305; BIOL 213/214; 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. Current First Aid and CPR certification.
2. Active membership in the ATSA (Liberty University 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 Liberty University’s courses. However, if a transfer student feels certain competencies have been completed, the student must provide the Program Director written documentation from his/her former school’s Program Director. This documentation must include a weekly log of hours, a list of completed clinical experiences, competencies, and a statement signed by the Program Director verifying satisfactory completion of the competencies in question. All competencies must meet the standards set forth by the accrediting body. Any request for course credit transfer must be made to the Program Director.

PROGRAM RETENTION STANDARDS
Once admitted to the program, the student must demonstrate and maintain satisfactory academic and clinical progress as defined below:

- **Overall GPA**: Athletic training students will maintain a minimum cumulative GPA of 2.50. 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 classes (right side of DCP). The student, with permission of the Program Director, may repeat one ATTR course in which the student failed to achieve the minimum grade of “C”. A second failure to receive a grade of “C” or better in any ATTR course will result in dismissal from the program.

- **Students**: Students must complete BIOL 213/214 and 215/216 with a minimum grade of “C” in each section before enrolling in ATTR 400, 320 or 302. Students 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 Assessment**: 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**

<table>
<thead>
<tr>
<th>Athletic Training Major (B.S.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (55-57 hrs)</strong></td>
</tr>
<tr>
<td><strong>Courses in the Major (57 hrs) (“C” or better required)</strong></td>
</tr>
<tr>
<td>ATTR 200 Introduction to Athletic Training</td>
</tr>
<tr>
<td>ATTR 210 Principles of Athletic Training</td>
</tr>
<tr>
<td>ATTR 220 Practicum I in Athletic Training</td>
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<tr>
<td>ATTR 221 Practicum II in Athletic Training</td>
</tr>
<tr>
<td>ATTR 300 Evaluation of Athletic Injuries I</td>
</tr>
<tr>
<td>ATTR 302 Evaluation of Athletic Injuries II</td>
</tr>
<tr>
<td>ATTR 305 First Responder for Athletic Training</td>
</tr>
<tr>
<td>ATTR 310 Therapeutic Modalities in Athletic Training</td>
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<td>ATTR 320 Practicum III in Athletic Training</td>
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<td>ATTR 321 Practicum IV in Athletic Training</td>
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<td>ATTR 400 Principles of Therapeutic Exercise and Rehabilitation</td>
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<td>ATTR 402 Practical Application of Therapeutic Exercise</td>
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<td>ATTR 404 Medical Aspects of Athletic Training</td>
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<td>ATTR 410 Administrative Aspects of Athletic Training</td>
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<tr>
<td>ATTR 420 Practicum V in Athletic Training</td>
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<td>ATTR 421 Practicum VI in Athletic Training</td>
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<tr>
<td>ATTR 440 Senior Seminar in Athletic Training</td>
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<tr>
<td>HLTH 330 Human Nutrition – OR</td>
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<tr>
<td>HLTH 333 Exercise and Sport Nutrition</td>
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<tr>
<td>KINE 225 Weight Training</td>
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<tr>
<td>EXSC 310 Physiology of Exercise</td>
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<tr>
<td>EXSC 311 Analysis of Human Movement</td>
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<tr>
<td>EXSC 340 Essentials of Strength Training and Conditioning</td>
</tr>
<tr>
<td><em><em>Directed Courses</em> (Required) (0-17 hrs)</em>*</td>
</tr>
<tr>
<td>(~ “C” or better required in these courses)</td>
</tr>
</tbody>
</table>
Exercise Science Major (B.S.)

The Exercise Science program prepares students for careers in the health and fitness industry, as well as graduate studies in exercise physiology, physical therapy, occupational therapy, chiropractic, and other health professions.

The Exercise Science program is designed to produce exercise science professionals who will impact the world of sports, fitness, and wellness for our Lord and Savior Jesus Christ. The program will provide the student with the knowledge, skills, and abilities to assess, prescribe exercise for, and monitor clients in a variety of health, wellness, and fitness settings. This program of study provides the student with a thorough immersion into the field of exercise science, by using a combination of classroom, laboratory, practicum, and internship experiences.

The Bachelor of Science degree program in Exercise Science at Liberty University is nationally accredited by the Commission for the Accreditation of Allied Health Education Programs (CAAHEP).

PROGRAM LEARNING OUTCOMES

The student will be able to:
1. Demonstrate proficiency in the basic knowledge of an entry level Health Fitness Specialist as defined by the program’s accrediting body.
2. Communicate effectively in the area of exercise science.
3. Plan, implement, and evaluate exercise science related programming.
4. Evaluate research data and apply research techniques.

PROGRAM APPLICATION PROCEDURES

Acceptance to Liberty University does not guarantee acceptance into the Exercise Science Program (ESP). Entrance into the ESP can be competitive and students must gain entry into the program via the following process:

Provisional Acceptance: Students interested in becoming part of the Exercise Science Program may initially declare Exercise Science as their major, but declaring Exercise Science as your major does not imply acceptance into the Exercise Science program. Students interested in becoming part of the Exercise Science Program at Liberty University should initially enroll in BIOL 213/214 and the second semester enroll in BIOL 215/216; EXSC 101 can be completed in either the fall or spring semester of the freshman year, along with any other available education requirements as per the course sequencing sheet.

Full Acceptance: Full acceptance into the Exercise Science program will be based upon the successful completion of all requirements during the provisional acceptance phase and selection by the Exercise Science admissions committee. Application for acceptance can be made twice per year: by October 15th for spring acceptance and by March 15th for fall acceptance.

Process and Requirements for Full Acceptance

During the students Provisional Acceptance phase, application for full acceptance to the program can be initiated. Grades will be reviewed at the end of the semester, with final acceptance contingent upon the successful completion of those courses. The student must meet the following criteria and provide the following information/documentation:

- Candidate must be in good academic standing with the University.
- Must show proof of current student membership to the American College of Sports Medicine.
- Must show proof of current First Aid and CPR certification.
- Cumulative GPA of 2.25 or better.
- Have completed BIOL 213/214, BIOL 215/216, EXSC 101, and EXSC 310 with a grade of ‘C’ or better.
- Completion of application provided by the program director.
- Completion of the Exercise Science Student Confidentiality Agreement.
- Completion of the Student Health Data Form.
- Complete transcripts.
- Written paper on “Why I want to be in the Exercise Science Program.”
- Interview with a member of the Exercise Science Selection Committee.

Transfer Students

Students transferring to Liberty University who are interested in entering the Exercise Science Program must follow the same process and procedures for entering the Exercise Science Program as outlined in the above section, ‘Program Application Procedures.' Additionally, students must take all 400 level courses residentially. Courses at the 400 level cannot be transferred into the Exercise Science Program.

Fee and Expenses

In addition to university tuition and fees, students enrolled in the Exercise Science program may incur additional expenses. These expenses include, but are not limited to: American College of Sports Medicine (ACSM) national and regional memberships, ACSM Health Fitness Specialist certification exam, first aid and CPR certifications, transportation costs associated with off-campus practicum, internship, and related experiences; TB (PPD) skin test, cost of medical examination and background check, if required by practicum or internship site.

Program Retention Standards

Once admitted to the program, the student must demonstrate and maintain satisfactory academic progress as defined below:

- Overall GPA: Students will maintain a minimum cumulative GPA of 2.25. Students falling below a 2.25 GPA will be placed on probation for one semester. If, after one semester probation, the GPA remains below a 2.25, or falls below a 2.25 in any subsequent semester, the student will be dismissed from the program.
- GPA in Major: Students must achieve a “C” or better in all designated major courses (right side of the degree completion plan). A student, with permission of the Program Director, may repeat ONE major course in which the student failed to achieve the minimum grade of “C”. A second failure to receive a grade of “C” or better in any major course will result in dismissal from the program.

Liberty University Undergraduate Catalog – 2011-2012
• **Course sequencing:** Students must complete each major course in the order prescribed unless approved by the Program Director.

• **Codes of Conduct:** Satisfactory behavior must be demonstrated, per the University’s code of conduct as outlined in the Liberty Way.

• **Guidelines for appeal:** Students may appeal decisions concerning their status in the Exercise Science Program. In order to do so, the student must submit a written appeal to the Program Director within one week of the notification in question. The documentation must include a detailed justification for the appeal. Upon receipt of the appeal, the Exercise Science faculty will meet to review the matter. The student will be advised in writing as to the outcome of that discussion within two weeks.

**Internship**

Exercise Science students undertake an internship as the culminating experience of their degree program. Students may choose from a variety of approved internship sites that provide exceptional opportunities for the student to apply their knowledge, skills, and abilities acquired throughout the Exercise Science program in a professional setting. The internship also provides an opportunity for Exercise Science students to experience the careers that are available to them upon graduation.

• **Prerequisite:** The student has completed all Exercise Science course work and FACS 333, with a grade of ‘C’ or better; have a minimum overall GPA of 2.25 or better; have achieved a minimum score of 450 on the American College of Sports Medicine’s Health Fitness Specialist exam, and turned in the exam scoring sheet to the Program Director, or consent of the Exercise Science Program Director.

**Programs of Study**

**Exercise Science Major (B.S.)**

<table>
<thead>
<tr>
<th>General Education Requirements (55-57 hrs)</th>
<th>Major Core (41 hrs) (‘C’ or better required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXSC 101</td>
<td>Introduction to Exercise Science</td>
</tr>
<tr>
<td>EXSC 310</td>
<td>Physiology of Exercise</td>
</tr>
<tr>
<td>EXSC 311</td>
<td>Analysis of Human Movement</td>
</tr>
<tr>
<td>EXSC 320</td>
<td>Measurement/evaluation in Health and Kinesiology</td>
</tr>
<tr>
<td>EXSC 340</td>
<td>Essentials of Strength Training and Conditioning</td>
</tr>
<tr>
<td>EXSC 350</td>
<td>Biomechanics</td>
</tr>
<tr>
<td>EXSC 351</td>
<td>Biomechanics Lab</td>
</tr>
<tr>
<td>EXSC 410</td>
<td>Applied Exercise Physiology</td>
</tr>
<tr>
<td>EXSC 411</td>
<td>Applied Exercise Physiology Lab</td>
</tr>
<tr>
<td>EXSC 421</td>
<td>Practicum</td>
</tr>
<tr>
<td>EXSC 433</td>
<td>Exercise Prescription for Special Populations</td>
</tr>
<tr>
<td>EXSC 460</td>
<td>Exercise Testing, Evaluation, and Prescription</td>
</tr>
<tr>
<td>EXSC 461</td>
<td>Exercise Leadership</td>
</tr>
<tr>
<td>EXSC 485</td>
<td>Health Fitness Specialist Workshop and Certification</td>
</tr>
<tr>
<td>EXSC 499</td>
<td>Internship in Exercise Science</td>
</tr>
<tr>
<td>KINE 101</td>
<td>Physical Fitness</td>
</tr>
<tr>
<td>KINE</td>
<td>Pedagogical/Sport Activity</td>
</tr>
<tr>
<td>KINE 225</td>
<td>Weight Training and Conditioning</td>
</tr>
<tr>
<td>HLTH 333</td>
<td>Exercise and Sports Nutrition</td>
</tr>
</tbody>
</table>

**Fitness Specialist Concentration**

<table>
<thead>
<tr>
<th>Fitness Specialist Concentration students add the following courses to the Exercise Science Major Core above:</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 302</td>
</tr>
<tr>
<td>BIOL 213</td>
</tr>
<tr>
<td>BIOL 214</td>
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<tr>
<td>BIOL 215</td>
</tr>
<tr>
<td>BIOL 216</td>
</tr>
<tr>
<td>HLTH 216</td>
</tr>
</tbody>
</table>

**Directed Courses (Required) (0-11 hrs)**

("C" required in all courses)

| BIOL 213 | Anatomy and Physiology I |
| BIOL 214 | Anatomy and Physiology I Lab |
| BIOL 215 | Anatomy and Physiology II |
| BIOL 216 | Anatomy and Physiology II Lab |
| HLTH 216 | Personal Health |

**Free Electives (0-20 hrs)**

Graduation Requirements

| CRST 290 | History of Life** |

* These approved General Education courses may be counted in Foundational/Investigative Studies

** CRST 290 can be included as Elective hours

**TOTAL HOURS:** 121 hours minimum required; at least 40 hours must be 300-400 level.

**Pre-Professional Concentration**

<table>
<thead>
<tr>
<th>Pre-Professional Concentration students add the following courses to the Exercise Science Major Core above:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121</td>
</tr>
<tr>
<td>CHEM 122</td>
</tr>
<tr>
<td>PHYS 201</td>
</tr>
<tr>
<td>PHYS 202</td>
</tr>
</tbody>
</table>

**Directed Courses (Required) (0-17 hrs)**

|MATH 121 | College Algebra |
| BIOL 213 | Anatomy and Physiology I |
| BIOL 214 | Anatomy and Physiology I Lab |
| BIOL 215 | Anatomy and Physiology II |
| BIOL 216 | Anatomy and Physiology II Lab |
| HLTH 216 | Personal Health |
| MATH 201 | Introduction to Probability and Statistics |

**Free Electives (0-6 hrs)**

Graduation Requirements

| CRST 290 | History of Life** |

* These approved General Education courses may be counted in Foundational/Investigative Studies

** CRST 290 can be included as Elective hours

**TOTAL HOURS:** 121 hours minimum required; at least 40 hours must be 300-400 level.

**Health Promotion Major (B.S.)**

The Health Promotion major prepares students for employment as adult health education specialists in the healthcare industry, voluntary agencies, business, and government or for graduate work for clinical health profession careers as well as public health and other health-related graduate programs. At the completion of the program, CHES students qualify and are encouraged to take the national Certified Health Education Specialist (C.H.E.S.) examination for certification.

**Certified Health Education Specialist Concentration**

**PROGRAM LEARNING OUTCOMES**

The student will be able to:

1. Demonstrate basic knowledge of personal and community health.
2. Develop a plan for the implementation of health education based on an analysis of needs, assets, and capacity.
3. Apply research methods in the development and evaluation of health promotion programs.
4. Evaluate management and administrative issues of health promotion programs.
5. Research reliable and valid health information as a health resource person.
6. Communicate and advocate for health and health education.

Clinical Concentration

PROGRAM LEARNING OUTCOMES
The student will be able to:
- Demonstrate basic knowledge of personal and community health

Programs of Study

Health Promotion Major (B.S.)

CHES Concentration

General Education Requirements (55-57 hrs)
Courses in the Major Core (16 hrs) (“C” or better required)
- NURS 105 Medical Terminology 1
- HLTH 330 Human Nutrition 3
- HLTH 350 Introduction to Public and Community Health 3
- HLTH 444 Principles of Epidemiology and Biostatistics 3
- HLTH Electives 6

CHES Concentration Courses (32-34 hrs)
(“C” or better required in all HLTH and BIOL courses)
- HLTH 201 Applied Human Anatomy and Physiology I – OR 3
- BIOL 213 Human Anatomy and Physiology I – AND 3
- BIOL 214 Human Anatomy and Physiology I Lab 3
- HLTH 202 Applied Human Anatomy and Physiology II – OR 3
- BIOL 215 Human Anatomy and Physiology II – AND 3
- BIOL 216 Human Anatomy and Physiology II Lab 3
- EXSC 310 Physiology of Exercise 3
- EXSC 320 Measurement and Evaluation in Health and Kinesiology 3
- HLTH 252 Drugs in Society 3
- HLTH 301 Principles of Health Education 2
- HLTH 420 Principles of Behavior Change and Health Counseling 3
- HLTH 452 Methods and Resources in Teaching Applied Sciences in School Practicum 3
- HLTH 453 Program Planning and Evaluation in Health Education 3
- HLTH 488 Infectious Disease 3
- HLTH 499 Professional Practice in Health Science 3

Directed Courses (Required) (0-11 hrs)*
- HLTH 216 Personal Health 3
- BIOL 203 Introductory Microbiology 3
- CHEM 107 Essentials of General and Organic Chemistry 4
- MATH 201 Introduction to Probability and Statistics 3

Free Electives (0-15 hrs)

Graduation Requirements
- CRST 290 History of Life** 2-3

Health Promotion Major (B.S.)
Clinical Concentration

General Education Requirements (55-57 hrs)
Courses in the Major Core (19 hrs) (“C” or better required)
- HLTH 330 Human Nutrition 3
- NURS 105 Medical Terminology 1
- HLTH 216 Personal Health 3
- HLTH 350 Introduction to Public and Community Health 3
- HLTH 444 Principles of Epidemiology and Biostatistics 3
- HLTH Electives 6

Clinical Concentration Courses (30 hrs)
- CHEM 121 General Chemistry I 4
- CHEM 122 General Chemistry II 4
- CHEM 301 Organic Chemistry I 4
- CHEM 302 Organic Chemistry II 4
- MATH 121 College Algebra 3
- MATH 126 Elementary Calculus for Business and Science 3
- PHYS 201 General Physics I 4
- PHYS 202 General Physics II 4

Directed Courses (Required) (0-11 hrs)*
(“C” or better required in all HLTH and BIOL courses)
- MATH 201 Introduction to Probability and Statistics 3
- BIOL 200 Foundations of Biology – OR 4/3
- BIOL 213 Human Anatomy and Physiology I – AND 4/3
- BIOL 214 Human Anatomy and Physiology I Lab 1
- BIOL 208 General Zoology – OR 4/3
- BIOL 215 Human Anatomy and Physiology II – AND 4/3
- BIOL 216 Human Anatomy and Physiology II Lab 1

Free Electives (0-11 hrs)

Graduation Requirements
- CRST 290 History of Life** 2-3

Kinesiology Major (B.S.)

Purpose
The Kinesiology degree program is designed to promote the development of a healthy, physically active Christ-centered lifestyle and prepare its graduates for the teaching profession. This academic program will allow students to acquire the disciplinary knowledge of human movement and the requisite skills and competencies in their respective area of concentration.

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

Program Learning Outcomes
The student will be able to:
1. Evaluate health and physical education curricular content based on sound pedagogical principles and strategies for PreK-12 students.
2. Plan and assess health and physical education lessons.
3. Incorporate diverse learning styles and physical skill levels into lesson plans.
4. Choose, administer, and evaluation assessment instruments to measure cognitive, affective, and psychomotor domains.
5. Demonstrate teaching (communication) skills appropriate to K-12 students in physical education classes.

**Health and Physical Education Concentrations**

These concentrations are designed to prepare students primarily as health and physical education teachers for grades PreK-12. Students may choose whether or not to pursue Virginia teacher licensure. Each is a combination of academic study and practical learning experiences dealing with teaching in both health and physical education instructional settings.

**Programs of Study**

### Kinesiology Major (B.S.)

#### Health and Physical Education Concentration (Non-Licensure)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (55-57 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>Courses in the Major (21 hrs) (“C” or better required)</td>
<td></td>
</tr>
<tr>
<td>KINE 101 Physical Fitness</td>
<td>1</td>
</tr>
<tr>
<td>KINE 208 Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>KINE Pedagogical/Sport Activity</td>
<td>1</td>
</tr>
<tr>
<td>(Choose from KINE 210-240)</td>
<td></td>
</tr>
<tr>
<td>KINE 225 Weight Training and Conditioning</td>
<td>1</td>
</tr>
<tr>
<td>EXSC 310 Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 311 Analysis of Human Movement</td>
<td>3</td>
</tr>
<tr>
<td>EXSC 320 Measurement and Evaluation in Health and Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINE 333 Adapted Physical Activity</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 330 Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td><strong>Health and Physical Education Concentration Courses (29 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>(2.00 or higher cumulative GPA is required)</td>
<td></td>
</tr>
<tr>
<td>KINE 207 History, Foundations of Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>KINE 210 Softball/Volleyball</td>
<td>1</td>
</tr>
<tr>
<td>KINE 211 Basketball/Soccer</td>
<td>1</td>
</tr>
<tr>
<td>KINE 212 Innovative Games</td>
<td>1</td>
</tr>
<tr>
<td>KINE 213 Racquet Sports</td>
<td>1</td>
</tr>
<tr>
<td>KINE 214 Tumbling and Rhythmic Activities</td>
<td>1</td>
</tr>
<tr>
<td>KINE 215 Track and Field/Flag Football</td>
<td>1</td>
</tr>
<tr>
<td>KINE 245 PE Observations in Schools</td>
<td>1</td>
</tr>
<tr>
<td>KINE 404 Administration and Organization of Physical Education Exercise, and Fitness</td>
<td>3</td>
</tr>
<tr>
<td>KINE 450 Elementary Physical Education Methods</td>
<td>3</td>
</tr>
<tr>
<td>KINE 451 Secondary Physical Education Methods</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 252 Drugs in Society</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 402 School Health Program</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 440 Methods and Resources in Teaching</td>
<td>2</td>
</tr>
<tr>
<td>Applied Sciences in School</td>
<td></td>
</tr>
<tr>
<td>SMGT 300 Introduction to Coaching</td>
<td>3</td>
</tr>
<tr>
<td><strong>Directed Courses (Required) (0-11 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>(“C” or better required in all BIOL courses)</td>
<td></td>
</tr>
<tr>
<td>BIOL 213 Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 214 Human Anatomy and Physiology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 215 Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 216 Human Anatomy and Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSYC 210 Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 216 Personal Health</td>
<td>3</td>
</tr>
<tr>
<td><strong>Free Electives (0-13 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Graduation Requirements</strong></td>
<td>2-3</td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td></td>
</tr>
<tr>
<td><strong>Additional Requirements for Major</strong></td>
<td></td>
</tr>
<tr>
<td>First Aid/CPR Certification</td>
<td></td>
</tr>
<tr>
<td>Swimming Proficiency</td>
<td></td>
</tr>
</tbody>
</table>

**Teacher Licensure Requirements – Health and Physical Education (PreK – 12 Licensure)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (55-57 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>Courses in the Major (21 hrs)</td>
<td></td>
</tr>
<tr>
<td><em>Health and Physical Education Concentration Courses (29 hrs)</em></td>
<td></td>
</tr>
<tr>
<td>Directed Courses (Required) (0-14 hrs)* (“C” or better required in all BIOL courses)</td>
<td></td>
</tr>
<tr>
<td>BIOL 213 Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 214 Human Anatomy and Physiology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 215 Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 216 Human Anatomy and Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSYC 210 Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 216 Personal Health</td>
<td>3</td>
</tr>
<tr>
<td><strong>Teacher Licensure Requirements (21 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>EDUC 125/126 Introduction to Education/Practicum</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 221 Content Area Reading and Differentiated Teaching and Learning (Secondary)</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 360 Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>HLTH 441 Methods and Resources in Teaching</td>
<td>1</td>
</tr>
<tr>
<td>Applied Sciences in School Practicum</td>
<td></td>
</tr>
<tr>
<td>KINE 322 PE Student Aide: Elementary</td>
<td>1</td>
</tr>
<tr>
<td>KINE 326 PE Student Aide: Secondary</td>
<td>1</td>
</tr>
<tr>
<td><strong>Professional Semester</strong></td>
<td></td>
</tr>
<tr>
<td>KINE 435 Seminar for Student Teachers</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 476 Student Teaching I</td>
<td>5</td>
</tr>
<tr>
<td>EDUC 477 Student Teaching II</td>
<td>5</td>
</tr>
<tr>
<td><strong>Graduation Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td>2-3</td>
</tr>
<tr>
<td><strong>Additional Requirements for Major</strong></td>
<td></td>
</tr>
<tr>
<td>First Aid/CPR Certification</td>
<td></td>
</tr>
<tr>
<td>Swimming Proficiency</td>
<td></td>
</tr>
</tbody>
</table>

1. 2.50 or higher cumulative GPA is required. Honor students must take HONR 395 in Fall of Junior year.

* These approved General Education courses may be counted in Foundational/Investigative Studies

**TOTAL HOURS**: 130 hours minimum; 49 hours must be 300-400 level.

### Health Promotion Minor

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Health Promotion Minor (17 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>BIOL 213 Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 214 Human Anatomy and Physiology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 215 Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 216 Human Anatomy and Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>HLTH 350 Introduction to Public &amp; Community Health</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 420 Principles of Behavior Change and Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 453 Program Planning and Evaluation in Health Education</td>
<td>3</td>
</tr>
</tbody>
</table>

### Kinesiology Minor

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Kinesiology Minor (17 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>KINE 101 Physical Fitness</td>
<td>3</td>
</tr>
<tr>
<td>KINE 208/209 Motor Learning/Lab</td>
<td>3</td>
</tr>
<tr>
<td>KINE 210-215 Pedagogical/Sport Activity Courses</td>
<td>2</td>
</tr>
<tr>
<td>KINE 225 Weight Training and Conditioning</td>
<td>1</td>
</tr>
<tr>
<td>KINE 302 Exercise and Sports Injuries</td>
<td>2</td>
</tr>
<tr>
<td>SMGT 300 Introduction to Coaching</td>
<td>3</td>
</tr>
<tr>
<td>KINE Elective (300-400 level)</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL HOURS**: 120 hours minimum required; at least 40 hours must be 300-400 level.
Department of Nursing

Deanna C. Britt, R.N., B.S.N., M.S.N., Ph.D.
Chair, Department of Nursing
Professor of Nursing

Shanna Akers, R.N., A.D.N., B.S.N., M.S.N./M.B.A.
Director, RN to BSN Program
Assistant Professor of Nursing

Tonia Kennedy, B.S., M.S.N.
Director, Generic BSN Program
Assistant Professor of Nursing

Sharon Kopis, R.N., A.S., B.S.N., M.S.N., Ed.D.
Director, Graduate Programs in Nursing
Associate Professor of Nursing

Kathryn Miller, R.N., B.S.N., M.S.N.
Director, Simulation and Clinical Readiness
Assistant Professor of Nursing

FACULTY – RESIDENTIAL
Professor
Britt

Associate Professor
Goodrich, Kopis, Sanders

Assistant Professor
Akers, S., Bridge, Clarke, Drohn, Gregory, Harker, Harvey, Highton, Hutchinson, Kail, Kennedy, Miller, K., Mills, Page, Rasberry, T., Turner

FACULTY – ONLINE
Assistant
Brickhill, Giese, Jessee

Instructor
Baldwin, Campbell, Rawlins, Washburn

PURPOSE
The purpose of the Liberty University Department of Nursing is to prepare baccalaureate level nurses who are committed to Christian ethical standards and view nursing as a ministry of caring based on the Benner theoretical framework. The nursing curriculum is built upon a foundation from the arts, sciences, and the Bible, and focuses on the use of the nursing process to guide the acquisition of nursing knowledge, build strong clinical skills, and develop the foundation necessary for a sound work ethic.

Nursing Major (B.S.N.)

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. View nursing as a ministry of demonstrating Christ’s love to hurting people of all religions, creeds, and cultures.
2. Provide and coordinate nursing care for individuals, families and groups within the community.
3. Utilize critical thinking/problem solving skills/evidenced base practice in determining nursing interventions and applying therapeutic skills.
4. Demonstrate leadership skills in collaboration with clients, other professionals and groups within the community for the purpose of promoting, maintaining, and restoring health.
5. Apply a personal and professional Christian value system, based on biblical principles, to ethical issues related to the practice of professional nursing.

6. Value the need for ongoing personal and professional development through both formal and informal learning experiences.
7. Foster professional level competencies in writing and communication and computer literacy.

ACCREDITATION AND LICENSURE
The Department of Nursing is fully accredited by the Commission on Collegiate Nursing Education (CCNE), and is approved by the Virginia State Board of Nursing.

APPLICATION TO THE DEPARTMENT OF NURSING
A prospective student applies for candidacy to the nursing major during the second semester of the freshman year. Applicants are considered for candidacy to the nursing major following enrollment in CHEM 107, BIOL 213/214, 215/216, NURS 101, 105 and NURS 215. Students must complete BIOL 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 two 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

Community Nursing
- Home Health
- Missionary Nursing
- Occupational Health
- Red Cross

Armed Services
- Air Force
- Army

With Additional Education
- Clinical Nurse Specialist
- Nurse Anesthetist
- Nurse Educator
- Nurse Practitioner

Program of Study

Nursing Major (B.S.N.)

<table>
<thead>
<tr>
<th>General Education Requirements (50 hrs)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (62 hrs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS 101&lt;sup&gt;1,2&lt;/sup&gt; Introduction to Nursing – OR</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>NURS 325&lt;sup&gt;1&lt;/sup&gt; Nursing Concepts – OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NURS 105 Medical Terminology</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>NURS 115 Sciences of Nursing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NURS 200 Nursing Process Application</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>NURS 210 Health Assessment</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NURS 221 Fundamentals of Nursing</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>NURS 225 Research in Nursing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NURS 301 Strategies for Adult Health Care I</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>NURS 302 Strategies for Adult Health Care II</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>NURS 305 Pharmacology</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>NURS 306 Pharmacology II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>NURS 352 Caring for the Childbearing Family I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>NURS 353 Caring for the Childbearing Family II</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Directed Courses (Required) (18 hrs)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 107&lt;sup&gt;*&lt;/sup&gt; Essentials of General/Organic Chemistry</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL 203 Introductory Microbiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL 215* Human Anatomy and Physiology II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL 216* Human Anatomy and Physiology II Lab</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>HLTH 330 Human Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHIL 380 Biomedical Ethics</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Graduation Requirements

| CRST 290 History of Life | 2-3 |

ADDITIONAL REQUIREMENTS FOR MAJOR

- ATI Predictor Test
- RN to BSN students must choose NURS 325 and 350
- Resident undergraduate students must choose NURS 101 and 451

* "C" or better is required

TOTAL HOURS: 132 hours minimum required; 51 hours must be 300-400 level

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 440</td>
<td>Strategies of Community Health Care</td>
<td>5</td>
</tr>
<tr>
<td>NURS 445</td>
<td>Population Health</td>
<td>3</td>
</tr>
<tr>
<td>NURS 451&lt;sup&gt;2&lt;/sup&gt;</td>
<td>Strategies for Mental Health Care – OR</td>
<td>3</td>
</tr>
<tr>
<td>NURS 350&lt;sup&gt;1&lt;/sup&gt;</td>
<td>Advanced Nursing Communication</td>
<td>4</td>
</tr>
<tr>
<td>NURS 460</td>
<td>Advanced Strategies for Adult Health Care</td>
<td>5</td>
</tr>
<tr>
<td>NURS 490</td>
<td>Leadership/Management in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 415</td>
<td>Cross Cultural Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 416</td>
<td>Preceptorship in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 417</td>
<td>Crisis Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 418</td>
<td>Gerontological Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 419</td>
<td>Strategies for End of Life Care</td>
<td>3</td>
</tr>
<tr>
<td>NURS 420</td>
<td>Pain Management</td>
<td>3</td>
</tr>
<tr>
<td>NURS 465</td>
<td>Advanced Strategies for Adult Health Care II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 107*</td>
<td>Essentials of General/Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 203</td>
<td>Introductory Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 215*</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 216*</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>HLTH 330</td>
<td>Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 380</td>
<td>Biomedical Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CRST 290</td>
<td>History of Life</td>
<td>2-3</td>
</tr>
</tbody>
</table>

<sup>1</sup> RN to BSN students must choose NURS 325 and 350

<sup>2</sup> Resident undergraduate students must choose NURS 101 and 451

TOTAL HOURS: 132 hours minimum required; 51 hours must be 300-400 level
School of Health Sciences – Online Program

Department of Nursing

PURPOSE

The purpose of the Liberty University Department of Nursing is to prepare baccalaureate level nurses who are committed to Christian ethical standards and view nursing as a ministry of caring based on the Benner theoretical framework. The nursing curriculum is built upon a foundation from the arts, sciences, and the Bible, and focuses on the use of the nursing process to guide the acquisition of nursing knowledge, build strong clinical skills, and develop the foundation necessary for a sound work ethic.

ACCREDITATION AND LICENSURE

The Department of Nursing is fully accredited by the Commission on Collegiate Nursing Education (CCNE), and is approved by the Virginia State Board of Nursing.

Nursing Major – R.N. to B.S.N.

PROGRAM LEARNING OUTCOMES

The student will be able to:

1. View nursing as a ministry of demonstrating Christ’s love to hurting people of all religions, creeds, and cultures;
2. Provide and coordinate nursing care for individuals, families and groups within the community;
3. Utilize critical thinking/problem solving skills in determining nursing interventions and applying therapeutic skills;
4. Demonstrate leadership skills in collaboration with clients, other professionals and groups within the community for the purpose of promoting, maintaining, and restoring health;
5. Apply a personal and professional Christian value system, based on biblical principles, to ethical issues related to the practice of professional nursing; and
6. Value the need for ongoing personal and professional development through both formal and informal learning experiences.
7. Foster professional level competencies in writing, oral communication, and computer literacy.

DEGREE COMPLETION PLANS

Degree Completion Plans (DCP) for Liberty University Online programs are available online at http://www.liberty.edu/index.cfm?PID=23423/#N.

Program of Study

Nursing Major – RN to B.S.N.

General Education Requirements (50 hrs)

Courses in the Major (61 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 105</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>NURS 210</td>
<td>Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NURS 215</td>
<td>Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>NURS 221</td>
<td>Fundamentals in Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURS 225</td>
<td>Research in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 301</td>
<td>Strategies for Adult Health Care I</td>
<td>5</td>
</tr>
<tr>
<td>NURS 302</td>
<td>Strategies for Adult Health Care II</td>
<td>5</td>
</tr>
<tr>
<td>NURS 305</td>
<td>Pharmacology</td>
<td>2</td>
</tr>
<tr>
<td>NURS 306</td>
<td>Pharmacology II</td>
<td>2</td>
</tr>
<tr>
<td>NURS 325</td>
<td>Nursing Concepts</td>
<td>1</td>
</tr>
<tr>
<td>NURS 350</td>
<td>Advanced Nursing Communication</td>
<td>3</td>
</tr>
<tr>
<td>NURS 352</td>
<td>Caring for the Childbearing Family I</td>
<td>4</td>
</tr>
<tr>
<td>NURS 353</td>
<td>Caring for the Childbearing Family II</td>
<td>4</td>
</tr>
<tr>
<td>NURS 440</td>
<td>Strategies of Community Health Care</td>
<td>5</td>
</tr>
<tr>
<td>NURS 445</td>
<td>Population Health</td>
<td>3</td>
</tr>
<tr>
<td>NURS 460</td>
<td>Advanced Strategies for Adult Health Care</td>
<td>4</td>
</tr>
<tr>
<td>NURS 490</td>
<td>Leadership/Management in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 491</td>
<td>Nursing Management</td>
<td>3</td>
</tr>
<tr>
<td>NURS 492</td>
<td>Advanced Concepts in Nursing Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Support Courses (12 hrs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 203</td>
<td>Introductory Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Anatomy and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 216</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM</td>
<td>Chemistry Requirement</td>
<td>4</td>
</tr>
</tbody>
</table>

Electives (7 hrs)

NOTES:

- Grade of “C” or higher is required for all NURS courses.
- 2.50 GPA required.
- Prerequisite.
- These courses will be satisfied automatically for RNs.
- Chemistry may include CHEM 105, 107, 121 or 122.
- NURS 350 is required for the first Nursing course.
- All Nursing courses must be completed before taking the capstone course, NURS 492.
- BIOL and CHEM courses are not offered online.

TOTAL HOURS: 120 minimum; 30 hours of upper-level courses; 50% (30 hrs) of major taken through Liberty University (Online and/or Residential).
School of Law – Online Programs

Mathew D. Staver, B.A., M.A., J.D.
Vice President and Dean, School of Law
Director, Liberty Center for Law and Policy
Professor of Law

Rena M. Lindevaldsen, B.A., J.D.
Associate Dean for Academic Affairs, School of Law
Associate Director, Liberty Center for Law and Policy
Associate Professor of Law

Joseph M. Wiegand, B.A., M.A., J.D., LL.M.
Associate Dean for Internal Affairs and Online Programs, School of Law
Adjunct Assistant Professor of Law

PURPOSE

Liberty University School of Law exists to equip future leaders in law with a superior legal education in fidelity to the Christian faith expressed through the Holy Scriptures.

- Equip future leaders in law. Inspiring students and preparing them to excel and lead in their profession.
- With a superior legal education. Constructing and implementing an education characterized by excellence.
- In fidelity to the Christian faith. Adhering to the perspective that shaped the Western legal tradition.
- Expressed through the Holy Scriptures. Pursuing truth in a context of free thought and expression informed by a standard.

Paralegal Studies Major (B.S.)

PROGRAM LEARNING OUTCOMES (B.S.)

The student will be able to:
1. Demonstrate proficiency in legal research and writing skills as required in the legal field.
2. Integrate ideas from various sources and courses and communicate those ideas using computer skills and/or oral communication skills.
3. Critically analyze and process legal issues based on foundational legal principles.
4. Demonstrate broad-based knowledge of the U.S. Constitution, the Federal and State court systems, and legal processes, both civil and criminal.
5. Evaluate legal issues from a distinctly Christian worldview as well as understand and apply ethics as it relates to paralegal studies.
6. Demonstrate proficiency in a specialized area of law.

Program of Study

<table>
<thead>
<tr>
<th>Paralegal Studies Major (B.S.)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (42 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Courses in the Major (45 hrs)</strong></td>
<td></td>
</tr>
<tr>
<td>PLAW 200 Introduction to Paralegal Studies</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 205 Foundations of Law</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 210 Legal Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 220 Civil Practice</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 222 Real Estate Transactions and Property</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 225 Tort Law</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 230 Criminal Practice and Procedures</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 235 Wills, Trusts and Estates</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 340 Family Law</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 350 Corporate and Business Organizational Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose five courses (15 hrs) from the following:

- PLAW Any courses not listed above
- BUSI 301, 303, 342, 360, 409 or 472
- CJUS 200, 230, 300, 310, 320, 330, 340, 350, 400, 410, 420
- GOVT 302, 480

Electives (33 hrs)*

Student may need 9 hrs or more of upper level electives to fulfill 30 hour upper level requirement.

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

Paralegal Studies Major (A.A.)

PROGRAM LEARNING OUTCOMES

The student will be able to:
1. Demonstrate proficiency in legal research and writing skills as required in the legal field.
2. Integrate ideas from various sources and courses and communicate those ideas using computer skills and/or oral communication skills.
3. Critically analyze and process legal issues based on foundational legal principles.
4. Demonstrate broad-based knowledge of the U.S. Constitution, the Federal and State court systems, and legal processes, both civil and criminal.
5. Evaluate legal issues from a distinctly Christian worldview as well as understand and apply ethics as it relates to paralegal studies.

Program of Study

<table>
<thead>
<tr>
<th>Paralegal Studies Major (A.A.)</th>
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</thead>
<tbody>
<tr>
<td><strong>General Education Requirements (39 hrs)</strong></td>
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</tr>
<tr>
<td><strong>Courses in the Major (21 hrs)</strong></td>
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</tr>
<tr>
<td>PLAW 200 Introduction to Paralegal Studies</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 205 Foundations of Law</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 210 Legal Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 222 Real Estate Transactions and Property</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 225 Tort Law</td>
<td>3</td>
</tr>
<tr>
<td>PLAW 220 Civil Practice</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PLAW 230 Criminal Practice and Procedure</td>
<td>3</td>
</tr>
<tr>
<td>PLAW Elective*</td>
<td>3</td>
</tr>
</tbody>
</table>

*May choose any PLAW course not listed above, BUSI 301, 303, 342, 360, 409, 472, CJUS 200, 230, 300, 310, 320, 330, 340, 350, 400, 410, 420, GOVT 302, 480.

TOTAL HOURS: 60 minimum
School of Religion

Vice President and Co-Founder, Liberty University
Dean, School of Religion and Liberty Baptist Theological Seminary and Graduate School
Distinguished Professor of Systematic Theology

Associate Dean, School of Religion
Associate Professor of Religion

Associate Dean of Liberty Ministry Training
Associate Professor of Church Ministries

Assistant to the Associate Dean, School of Religion
Adjunct Instructor of Religion

Monica Rose Brennan, B.S., M.A.R., D.Min.
Director of Women’s Ministries
Associate Professor of Church Ministries

Ken Cleaver, B.A., Th.M., Ph.D.
Chair, Department of Theology
Associate Professor of Church History and Theology

Chair, Department of Intercultural Studies
Executive Director, Center for Global Ministries
Professor of Intercultural Studies

Richard Alan Fuhr, B.S., M.A., M.Div., Th.M.
Interim Chair, Department of Biblical Studies
Chair, School of Religion
Assistant Professor of Religion

Jonathan Geukgeuzian, B.S., M.R.E.
Chair, Department of Church Ministries
Chair, Department of Pastoral Leadership
Director, Center for Youth Ministries
Assistant Professor of Youth Ministries

Director of Children’s Ministries
Chair, School of Religion
Associate Professor of Religion

Chair, School of Religion
Assistant Professor of Religion

Martin E. Sheldon, B.A., M.Div., Th.M.
Chair, School of Religion
Assistant Professor of Religion

Lew Weider, B.S., M.A., Ed.D.
Director of Christian/Community Service
Professor of Contemporary Issues

Director, Center for Worship
Chair, Department of Worship and Music Studies
Professor of Worship and Music Studies

FACULTY – RESIDENTIAL

Liberty University Undergraduate Catalog – 2011-2012
Career Opportunities

| Students can receive up to 9 hrs depending on the length of the | Departmental approval will be granted for non-ICST classes that |
| CRST 290 can be included as elective hours | are related to and useful in missions service. PLED 450 is an approved substitute for an ICST elective and is strongly recommended for male students. |

DEGREE COMPLETION PLANS

Degree Completion Plans for programs offered by the School of Religion can be accessed online at: http://www.liberty.edu/dcps.

Intercultural Studies Major (B.S.)

Students majoring in Intercultural 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 Intercultural 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 intercultural 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 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.
4. Demonstrate competence in the use of sound principles of biblical interpretation.
5. Analyze different cultural characteristics and apply appropriate methods for reaching them with the gospel.

Program of Study

<table>
<thead>
<tr>
<th>Intercultural Studies Major (B.S.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (55 hrs)</td>
</tr>
<tr>
<td>Course in the Major (54 hrs)</td>
</tr>
<tr>
<td>BIBL 350 Inductive Bible Study</td>
</tr>
<tr>
<td>BIBL 364 Acts</td>
</tr>
<tr>
<td>BIBL 410 Genesis</td>
</tr>
<tr>
<td>BIBL 425 Romans</td>
</tr>
<tr>
<td>BIBL 480 Hermeneutics</td>
</tr>
<tr>
<td>THEO 350 Fundamental Theological Issues</td>
</tr>
<tr>
<td>PHIL 240 Christian Evidences</td>
</tr>
<tr>
<td>GLST 200 Introduction to Global Studies</td>
</tr>
<tr>
<td>ICST 300 Cultural Anthropology</td>
</tr>
<tr>
<td>ICST 338 Contemporary Mission Problems and Issues – OR</td>
</tr>
<tr>
<td>ICST 341 Missionary Discipleship and Church Planning</td>
</tr>
<tr>
<td>ICST 350 World Religions – OR</td>
</tr>
<tr>
<td>ICST 421 Roman Catholicism – OR</td>
</tr>
<tr>
<td>ICST 431 Introduction to Islam</td>
</tr>
<tr>
<td>ICST 355 History and Survey of Missions – OR</td>
</tr>
<tr>
<td>ICST 420 Theology of Missions</td>
</tr>
<tr>
<td>ICST 373 Missionary Relationships</td>
</tr>
<tr>
<td>ICST 441 Career Missionary Preparation</td>
</tr>
<tr>
<td>ICST 499 Mission Internship</td>
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<tr>
<td>ICST - OR Electives</td>
</tr>
<tr>
<td>LING</td>
</tr>
<tr>
<td>Free Electives (11 hrs)</td>
</tr>
<tr>
<td>CRST 290 History of Life*</td>
</tr>
</tbody>
</table>
| 1 Students can receive up to 9 hrs depending on the length of the internship. Any hours over the requirement will count towards ICST electives.
| 2 Departmental approval will be granted for non-ICST classes that are related to and useful in missions service. PLED 450 is an approved substitute for an ICST elective and is strongly recommended for male students. |
| * CRST 290 can be included as elective hours |
| 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 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.
4. Demonstrate competence in the use of sound principles of biblical interpretation.
5. Apply the techniques of exposition to biblical research and preaching.
6. Evaluate the ministerial and administrative skills of the pastorate.

Program of Study

<table>
<thead>
<tr>
<th>Pastoral Leadership and Biblical Exposition Major (B.A.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (55 hrs)</td>
</tr>
<tr>
<td>Language Requirements (12 hrs) Must be one language</td>
</tr>
<tr>
<td>Course in the Major 42 hrs</td>
</tr>
</tbody>
</table>
**SCHOOL OF RELIGION**

<table>
<thead>
<tr>
<th>Philosophy and Religion Major (B.A.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>It should be observed that the B.A. in Philosophy and Religion program with a concentration in 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.</td>
</tr>
</tbody>
</table>

**PURPOSE**

The major in Philosophy and Religion is designed to provide a thorough, biblically-based, cognitive, and spiritual foundation for effective ministry and advanced studies in Philosophy, Law, Apologetics, Theology and several related areas of study.

**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.
4. Demonstrate competence in the use of sound principles of biblical interpretation.

<table>
<thead>
<tr>
<th>Programs of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philosophy and Religion Major (B.A.)</td>
</tr>
</tbody>
</table>

**General Education Requirements (55 hrs)**

<table>
<thead>
<tr>
<th>Language Requirements (12 hrs)</th>
<th>Must be one language</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses in the Major (21 hrs)</td>
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<tr>
<td>BIBL 350</td>
<td>Inductive Bible Study</td>
</tr>
<tr>
<td>BIBL 410</td>
<td>Genesis</td>
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<tr>
<td>BIBL 425</td>
<td>Romans</td>
</tr>
<tr>
<td>CHHI 301</td>
<td>History of the Christian Church I</td>
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<td>CHHI 302</td>
<td>History of the Christian Church II</td>
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<tr>
<td>PHIL 440</td>
<td>Philosophy of Religion</td>
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<td>THEO 350</td>
<td>Fundamental Theological Issues</td>
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<tr>
<td>BIBL 364</td>
<td>Acts</td>
</tr>
<tr>
<td>BIBL 480</td>
<td>Hermeneutics</td>
</tr>
<tr>
<td>BIBL</td>
<td>Old Testament Elective</td>
</tr>
<tr>
<td>BIBL</td>
<td>New Testament Elective</td>
</tr>
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<td>BIBL</td>
<td>Background</td>
</tr>
<tr>
<td>PLED 421</td>
<td>Homiletics I - OR</td>
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<tr>
<td>CHMN 387</td>
<td>Methods of Teaching Bible and Religion</td>
</tr>
<tr>
<td>WMIN 450</td>
<td>Ministry (women only)</td>
</tr>
<tr>
<td>PLED 422</td>
<td>Homiletics II – OR</td>
</tr>
<tr>
<td>CHMN/</td>
<td>Professional Orientation of Women for</td>
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<tr>
<td>WMIN 450</td>
<td>Leadership and Management in the Local Church</td>
</tr>
<tr>
<td>PLED 499</td>
<td>Pastoral Ministries Internship</td>
</tr>
<tr>
<td>THEO 350</td>
<td>Fundamental Theological Issues</td>
</tr>
</tbody>
</table>

**Free Electives (11 hrs)**

**Graduation Requirements**

| CRST 290 | History of Life* | 2-3 |

* CRST 290 can be included in Elective hours

**TOTAL HOURS:** 120 hours minimum required; at least 48 hours must be 300-400 level.

**Religion Major (B.S.)**

The major in Religion is designed to provide a thorough, biblically-based, cognitive, and spiritual foundation for effective ministry. Concentrations are offered in Adventure Leadership and Outdoor Ministry, Family Ministries, Intercultural Studies, Women’s Ministries, and Youth Ministries. A cognate is offered in Biblical Studies. These concentrations will prepare students for further graduate studies.

**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.
4. Demonstrate competence in the use of sound principles of biblical interpretation.

**Adventure Leadership and Outdoor Ministry Concentration**

The student will be able to:
- Articulate the biblical foundations of current models of outdoor ministry.
- Apply industry standard interdisciplinary outdoor recreation and design principles to adventure leadership and outdoor ministry programming.
- Design and implement outdoor programming for audiences of differing ages and varying physical abilities/ requirements.

**Family Ministries Concentration**

The student will be able to:
- Design plans and curriculum for an effective family ministry.

**Intercultural Studies Concentration**

The student will be able to:
- Analyze different cultural characteristics and apply appropriate methods for reaching them with the gospel.

**Pastoral Leadership Concentration**

The student will be able to:
- Apply the techniques of exposition to biblical research and preaching.
- Evaluate the ministerial and administrative skills of the pastorate.

**Women’s Ministries Concentration**
The student will be able to:
- Design plans and curriculum for an effective women's ministry.

**Youth Ministries Concentration**
The student will be able to:
- Design plans and curriculum for an effective youth ministry.

**Biblical Studies Cognate**
The student will be able to:
- Apply scholarly biblical and theological resources in the research of biblical studies.
- Analyze cultural backgrounds and archaeological findings that support the Scriptures.

**Programs of Study**

<table>
<thead>
<tr>
<th>Religion Major (B.S.)</th>
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</thead>
<tbody>
<tr>
<td><strong>Adventure Leadership and Outdoor Ministry Concentration</strong></td>
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</tr>
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<td>General Education Requirements (55 hrs)</td>
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<td>BIBL 425</td>
<td>Romans</td>
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<td>BIBL 480</td>
<td>Hermeneutics</td>
</tr>
<tr>
<td>BIBL</td>
<td>Upper Level Elective</td>
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<tr>
<td>CHHI 301</td>
<td>History of Christian Church I – OR</td>
</tr>
<tr>
<td>CHHI 302</td>
<td>History of Christian Church II</td>
</tr>
<tr>
<td>GLST 200</td>
<td>Introduction to Global Studies</td>
</tr>
<tr>
<td>THEO 350</td>
<td>Fundamental Theological Issues</td>
</tr>
<tr>
<td>CHMN 201</td>
<td>Introduction to Church Ministries</td>
</tr>
<tr>
<td>YOUT 201</td>
<td>Survey of Youth Ministries</td>
</tr>
<tr>
<td><strong>Adventure Leadership and Outdoor Ministry Concentration Courses (27-30 hrs)</strong></td>
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</tr>
<tr>
<td>YOUT 301</td>
<td>Foundations of Youth Ministry</td>
</tr>
<tr>
<td>ALOM 310</td>
<td>Foundations of Adventure Leadership and Outdoor Ministry</td>
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<tr>
<td>ALOM 320</td>
<td>Programming for Adventure Leadership and Outdoor Ministry</td>
</tr>
<tr>
<td>ALOM 360</td>
<td>Camping Ministry</td>
</tr>
<tr>
<td>ALOM 370</td>
<td>Managing the Christian Youth Organization</td>
</tr>
<tr>
<td>YOUT 447</td>
<td>Discipleship in Youth Ministry</td>
</tr>
<tr>
<td>YOUT 448</td>
<td>Contemporary Youth Communication</td>
</tr>
<tr>
<td>YOUT 450</td>
<td>Professional Orientation to Youth Ministry</td>
</tr>
<tr>
<td>ALOM 499</td>
<td>Adventure Leadership and Outdoor Ministry Internship or Practicum</td>
</tr>
<tr>
<td>Free Electives (11 hrs)</td>
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<tr>
<td>CRST 290</td>
<td>History of Life*</td>
</tr>
</tbody>
</table>

* CRST 290 can be included in Elective hours

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

<table>
<thead>
<tr>
<th>Religion Major (B.S.)</th>
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<tbody>
<tr>
<td><strong>Intercultural Studies Concentration</strong></td>
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<tr>
<td>General Education Requirements (55 hrs)</td>
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<td>BIBL 425</td>
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<td>Hermeneutics</td>
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<td>CHHI 301</td>
<td>History of the Christian Church I – OR</td>
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<td>CHHI 302</td>
<td>History of the Christian Church II</td>
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<tr>
<td>GLST 200</td>
<td>Introduction to Global Studies</td>
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<td>THEO 350</td>
<td>Fundamental Theological Issues</td>
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<tr>
<td>CHMN 201</td>
<td>Introduction to Church Ministries</td>
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<td>YOUT 201</td>
<td>Survey of Youth Ministries</td>
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<td>Intercultural Studies Concentration Courses (30 hrs)</td>
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<tr>
<td>ICST 300</td>
<td>Cultural Anthropology</td>
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<tr>
<td>ICST 338</td>
<td>Contemporary Mission Problems and Issues – OR</td>
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<tr>
<td>ICST 341</td>
<td>Missionary Discipleship and Church Planning</td>
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<tr>
<td>ICST 350</td>
<td>World Religions – OR</td>
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<tr>
<td>ICST 421</td>
<td>Roman Catholicism – OR</td>
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<tr>
<td>ICST 431</td>
<td>Introduction to Islam</td>
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<tr>
<td>ICST 355</td>
<td>History and Survey of Missions – OR</td>
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<tr>
<td>ICST 420</td>
<td>Theology of Missions</td>
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<tr>
<td>ICST 373</td>
<td>Missionary Relationships</td>
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<tr>
<td>ICST 441</td>
<td>Career Missionary Preparation</td>
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<tr>
<td>ICST 499</td>
<td>Mission Internship</td>
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<tr>
<td>ICST OR</td>
<td>Electives</td>
</tr>
<tr>
<td>Free Electives (11 hrs)</td>
<td></td>
</tr>
<tr>
<td>CRST 290</td>
<td>History of Life*</td>
</tr>
</tbody>
</table>

**Total Hours:** 120 hours minimum required; at least 48 hours must be 300-400 level.
SCHOOL OF RELIGION

Religion Major (B.S.)

Pastoral Leadership Concentration

General Education Requirements (55 hrs)
Courses in the Major (24 hrs)
BIBL 324  Pastoral Epistles and Leadership Development 3
BIBL 350  Inductive Bible Study 3
BIBL 425  Romans 3
BIBL 480  Hermeneutics 3
CHHI 301  History of the Christian Church I – OR 3
CHHI 302  History of the Christian Church II 3
ICST 461  The Church in Mission 3
THEO 350  Fundamental Theological Issues 3
CHMN 201  Introduction to Church Ministries 3
Pastoral Leadership Concentration Courses (24-27 hrs)
GREG 301  Greek Grammar III 3
GREG 302  Greek Syntax and Reading 3
PLED 350  Pastoral Duties 3
PLED 421  Homiletics I – OR 3
CHMN 387  Methods of Teaching Bible and Religion (Women only) 3
PLED 422  Homiletics II – OR 3
CHMN/ WMIN 450  Ministry (Women) 3
PLED 450  Leadership and Management in the Local Church 3
PLED 499  Pastoral Ministries Internship 3-6
THEO 412  The Church: Its Mission and Hope – OR 3
BIBL 364  Acts

Directed Courses (Required) (0-6 hrs)*
GREG 201  Greek Grammar I 3
GREG 202  Greek Grammar II 3

Free Electives (0-17 hrs)
Graduation Requirements
CRST 290  History of Life** 2-3

* These courses may be counted in Foundational/Investigative Studies
** CRST 290 can be included in Elective hours

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

Religion Major (B.S.)

Women’s Ministries Concentration

General Education Requirements (55 hrs)
Courses in the Major (24 hrs)
BIBL 350  Inductive Bible Study 3
BIBL 425  Romans 3
BIBL 480  Hermeneutics 3
CHHI 301  History of the Christian Church I – OR 3
CHHI 302  History of the Christian Church II 3
GLST 200  Introduction to Global Studies 3
THEO 350  Fundamental Theological Issues 3
CHMN 201  Introduction to Church Ministries 3
YOUT 201  Survey of Youth Ministries 3

Women’s Ministries Concentration Courses (21 hrs)
CHMN/ WMIN 220  Survey of Women’s Ministries - 3
WMIN 320  The Christian Woman 3
CHMN/ WMIN 330  The Role of Christian Women in Ministry 3
CHMN 387  Methods of Teaching the Bible 3
CHMN/ WMIN 450  Ministry 3
FACS 330 (HLTH 330) FACS 350, 370 – OR 3
PSYC 361  Marriage and Family 3
CHMN 499  Internship 3

Free Electives (20 hrs)

Graduation Requirements
CRST 290  History of Life* 2-3

* CRST 290 can be included in Elective hours

TOTAL HOURS: 120 hours minimum required; at least 33 hours must be 300-400 level.

Religion Major (B.S.)

Youth Ministries Concentration

General Education Requirements (55 hrs)
Courses in the Major (27 hrs)
BIBL 350  Inductive Bible Study 3
BIBL 425  Romans 3
BIBL 480  Hermeneutics 3
BIBL 480  Upper Level Elective 3
CHHI 301  History of Christian Church I – OR 3
CHHI 302  History of Christian Church II 3
GREG 301  Greek Grammar III 3
GREG 302  Greek Syntax and Reading 3
THEO 412  The Church: Its Mission and Hope – OR 3
BIBL 364  Acts

Directed Courses (Required) (0-6 hrs)*
GREG 201  Greek Grammar I 3
GREG 202  Greek Grammar II 3

Free Electives (0-17 hrs)
Graduation Requirements
YOUT 201  Survey of Youth Ministries 3
YOUT 201  Survey of Youth Ministries 3

Youth Ministries Concentration Courses (24-27 hrs)
PLED 350  Pastoral Duties (Men) – OR 3
CHMN/ WMIN 320  The Christian Woman (Women) – OR 3
YOUT 370  Managing the Christian Youth Organization 3
CHMN 201  Introduction to Church Ministries 3
YOUT 370  Managing the Christian Youth Organization 3
YOUT 370  Managing the Christian Youth Organization 3
YOUT 447  Discipleship in Youth Ministry 3
YOUT 448  Contemporary Youth Communication 3
YOUT 460  Programs for Youth Ministry 3
YOUT 499  Youth Ministry Internship 3-6

Free Electives (14 hrs)

Graduation Requirements
CRST 290  History of Life* 2-3

* CRST 290 can be included in Elective hours

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

Cognate

Religion Major (B.S.)

BIBLICAL STUDIES COGNATE

General Education Requirements (55 hrs)
Courses in the Major (27 hrs)
BIBL 350  Inductive Bible Study 3
BIBL 425  Romans 3
BIBL 480  Hermeneutics 3
BIBL 480  Upper Level Elective 3

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CHHI 301  History of the Christian Church I - OR 3
CHHI 302  History of the Christian Church II 3
GLST 200  Introduction to Global Studies 3
THEO 350  Fundamental Theological Issues 3

Choose two courses (6 hrs) from the following:
CHMN 201  Introduction to Church Ministries 3
YOUT 201  Survey of Youth Ministries 3
YOUT 447  Discipleship in Youth Ministry 3

Biblical Studies Cognate Courses (15 hrs)
BIBL 364  Acts 3
BIBL 471  Biblical Archaeology– OR 3
BIBL 472  New Testament Backgrounds – OR 3
BIBL 473  Old Testament Backgrounds 3
BIBL 201  Old Testament Elective 3
BIBL 202  New Testament Elective 3
BIBL 203  Upper Level Elective 3

Free Electives (23 hrs)

Graduation Requirements
CRST 290  History of Life* 2-3

* YOUT prerequisites will be waived for Biblical Studies Cognate

TOTAL HOURS: 120 hours minimum required; at least 33 hours must be 300-400 level.

Associate of Arts in Religion
In an effort to meet the educational needs of students who want a university degree, but who do not have desire to complete a four-year bachelor’s program, the School of Religion offers the Associate of Arts Degree in Religion. Graduates of this program may transfer their courses into a bachelor’s degree program at Liberty if they desire to continue their education.

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate competence in the basic biblical and theological concepts of the Bible
2. Analyze theological issues of the present culture.
3. Communicate effectively using appropriate research style and methods.

Program of Study

<table>
<thead>
<tr>
<th>Associate of Arts in Religion (A.A.)</th>
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<td>General Education Requirements (34 hrs)</td>
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<td>Courses in the Major (24 hrs)</td>
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<tr>
<td>BIBL 105  Old Testament Survey 3</td>
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<tr>
<td>BIBL 110  New Testament Survey 3</td>
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<td>BIBL 350  Inductive Bible Study 3</td>
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<tr>
<td>THEO 201  Theology Survey I 3</td>
</tr>
<tr>
<td>THEO 202  Theology Survey II 3</td>
</tr>
<tr>
<td>THEO 350  Fundamental Theological Issues 3</td>
</tr>
<tr>
<td>BIBL/CHMN/ICST Elective 3</td>
</tr>
<tr>
<td>CHMN/YOUT/PLED Elective 3</td>
</tr>
<tr>
<td>Free Electives (2 hrs)</td>
</tr>
<tr>
<td>Graduation Requirements</td>
</tr>
<tr>
<td>CRST 290  History of Life* 2-3</td>
</tr>
<tr>
<td>* CRST 290 can be included in Elective hours</td>
</tr>
<tr>
<td>TOTAL HOURS: 60 hours minimum required</td>
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</tbody>
</table>

Biblical Greek Minor

PROGRAM LEARNING OUTCOMES
The student will be able to:
- Translate, parse, identify grammatical constructions, and properly exegete a given passage of the Greek New Testament.

Biblical Greek Minor (15 hrs)
GREK Electives 15

Biblical Studies Minor

Biblical Studies Minor (15 hrs)

Biblical Backgrounds 3
BIBL Electives 12

Intercultural Studies Minor

Intercultural Studies Minor (15 hrs)
GLST 200  Introduction to Global Studies – OR 3
ICST 300  Cultural Anthropology 3
Electives in ICST or related area (9 hours 300-400 level) 12

Theology Minor

Theology Minor (15 hrs)
Theo Electives (9 hours 300 – 400 level) 15

Women’s Ministries Minor

Women’s Ministries Minor (18 hrs)
CHMN/  Survey of Women’s Ministries 3
WMIN 220  The Christian Woman 3
WMIN 320  The Role of Christian Women in Ministry – OR 3
ICST 483  Women’s Roles in Missions 3
CHMN 387  Methods of Teaching the Bible 3
CHMN/  Professional Orientation of Women for Ministry 3
WMIN 450  Ministry 3
FACS 330/350/370/475 – OR 3
PSYC 361  Marriage and Family 3

Youth Ministries Minor

Youth Ministries Minor (15 hrs)
YOUT 201  Survey of Youth Ministries 3
YOUT Electives 12
Center for Worship and Music Studies

Director, Center for Worship
Chair, Department of Worship and Music Studies
Professor of Worship and Music Studies

Faculty
Professor
  Benham, Whaley
Associate Professor
  Gray, Hill, Marsh, Suzano
Assistant Professor
  Brennan, Campbell, Greenawalt, Hahn, Jupin, Kinchen,
  Lewis, R., Neto, Randlett, P., Rumrill, Spencer, Sutlles

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 Baptist 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 concentration. Students select one area of concentration from the following: Worship and Christian Music Artist and Songwriter; Worship Leadership; Worship and Pastoral Leadership; Worship Technology; and Worship and Youth Ministries. Cognates are available in Biblical Studies, Business Studies, Intercultural Studies, Theatre Ministries and Women’s Ministries.

Worship and Music Studies Major (B.S.)

Program Learning Outcomes

The student will be able to:
1. Build a personal philosophy of worship based on theological principles.
2. Develop worship strategies based on an evaluation of various ministry contexts.
3. Evaluate various scenarios within the diverse evangelical community and make application to the worship leader's roles.
4. Demonstrate professional-level musicianship in the primary applied performance concentration.

Christian Music Artist and Songwriter Concentration

The student will be able to:
1. Manage the processes involved in navigating within the Christian Music Industry. (Artist)
2. Demonstrate the process of writing, preparing and presenting a song for professional publication. (Songwriter)

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.

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 (13 hours); Worship Studies (18 hours); Practical Internships (5 hours); Applied Music (12 hours); Ensemble (6 hours); and a concentration. Students select one area of concentration from the following: Worship and Christian Music Artist and Songwriter; Worship Leadership; Worship and Pastoral Leadership; Worship Technology; and Worship and Youth Ministries. Cognates are available in Biblical Studies, Business Studies, Intercultural Studies, Theatre Ministries and Women’s Ministries.

Programs of Study

<table>
<thead>
<tr>
<th>Worship and Music Studies Major (B.S.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Requirements (55 hrs)</td>
</tr>
<tr>
<td>Harmonic Practices and Musicianship (13 hrs)</td>
</tr>
<tr>
<td>WRSP 103 Harmonic Practices I</td>
</tr>
<tr>
<td>WRSP 104 Harmonic Practices II</td>
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</tbody>
</table>
**Christian Music Artist and Songwriter Concentration**

General Education Requirements (55 hrs)
Harmonic Practices and Musicianship (13 hrs)
Worship Studies (18 hrs)
Practical Internships (5 hrs)
Applied Music Studies (12 hrs)

**Graduation Requirements (2 hrs minimum)**

**Concentrations:**

18-20

- **Christian Music Artist and Songwriter (20 hrs)**
  - Pastoral Leadership (18 hrs)
  - Worship Leadership (18 hrs)
  - Worship Technology (18 hrs)
  - Youth Ministry (18 hrs)

**WRSP 105** Musicianship I 1
**WRSP 106** Musicianship II 1
**WRSP 203** Harmonic Practices III 2
**WRSP 204** Harmonic Practices IV 2
**WRSP 205** Musicianship III 1
**WRSP 206** Musicianship IV 1

**Worship Studies (18 hrs)**
**WRSP 101** Introduction to Worship 3
**WRSP 202** Introduction to Creative Worship 3

**WRSP 201** Old and New Testament Principles of Worship 3

**WRSP 320** History and Philosophy of Worship 3
**WRSP 321** Principles of Worship Leadership 3
**WRSP 421** Congregational Worship 3

**Practical Internships (5 hrs)**
**WRSP 311** Worship Practicum I 1
**WRSP 312** Worship Practicum II 1
**WRSP 499** Worship Internship 3

**Ensemble (1 hr X 6 semesters) (6 hrs)**
**WRSP 180** Worship Chorale 1
**WRSP 189** TRBC Choir 1
**WRSP 289** Celebration Worship Choir 1
**WRSP 389** Celebration Worship Choir 1
**WRSP 389** Celebration Worship Choir 1

**Applied Music Studies (12 hrs)**
**WRSP 390** Junior Worship Program 1
**WRSP 490** Senior Worship Program 1
**WRSP++** Primary: choose either Voice, Piano, Guitar, or Approved Instrument 6
**WRSP++** Secondary: choose either Voice, Piano, or Guitar 4

**Graduation Requirements (2 hrs minimum)**
**CRST 290** History of Life 2-3

**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.

**Pastoral Leadership Concentration**

General Education Requirements (55 hrs)
Harmonic Practices and Musicianship (13 hrs)
Worship Studies (18 hrs)
Practical Internships (5 hrs)
Applied Music Studies (12 hrs)

**Graduation Requirements (2 hrs minimum)**

**Pastoral Leadership Concentration (18 hrs)**
**BIBL 324** Pastoral Epistles and Leadership Development 3
**CHMN 201** Introduction to Church Ministries 3
**PLED 350** Pastoral Duties 3
**PLED 421** Homiletics I 3
**PLED 422** Homiletics II – OR 3
**PLED 450** Leadership and Management in the Local Church 3

**TOTAL HOURS:** 129 hours minimum required; at least 37 hours must be 300-400 level.

**Worship Leadership Concentration**

General Education Requirements (55 hrs)
Harmonic Practices and Musicianship (13 hrs)
Worship Studies (18 hrs)
Practical Internships (5 hrs)
Applied Music Studies (12 hrs)

**Graduation Requirements (2 hrs minimum)**

**Pastoral Leadership Concentration (18 hrs)**
**WRSP 302** Dynamics of Instrumental Worship 3
**WRSP 303** Dynamics of Worship Leading 3
**WRSP 310** Arranging for Contemporary Worship 3
**WRSP 315** Basic Conducting for the Worship Leader 3
**WRSP 330** Worship Technology I 3
**WRSP 400** Music Literature for Worship 3

**TOTAL HOURS:** 129 hours minimum required; at least 40 hours must be 300-400 level.
### Worship Technology Concentration

**General Education Requirements (55 hrs)**
- Harmonic Practices and Musicianship (13 hrs)
- Worship Studies (18 hrs)
- Practical Internships (5 hrs)
- Ensemble (6 hrs)
- Applied Music Studies (12 hrs)
- Graduation Requirements (2 hrs minimum)

**Worship Technology Concentration (18 hrs)**
- COMS 220 Mass Communication Writing 3
- COMS 223 Audio and Video Basics 3
- ARTS 222 Desktop Publishing 3

*Select three courses from the following: (9 hrs)*
- COMS 333 Video Production
- COMS 334 Audio Production
- ARTS 340 Publication Design
- ARTS 341 Graphic Design
- ARTS 351 Digital Imaging

**TOTAL HOURS:** 129 hours minimum required; at least 31 hours must be 300-400 level.

### Youth Ministry Concentration

**General Education Requirements (55 hrs)**
- Harmonic Practices and Musicianship (13 hrs)
- Worship Studies (18 hrs)
- Practical Internships (5 hrs)
- Ensemble (6 hrs)
- Applied Music Studies (12 hrs)
- Graduation Requirements (2 hrs minimum)

**Youth Ministry Concentration (18 hrs)**
- BIBL 350* Inductive Bible Study 3
- YOUT 201 Principles of Youth Ministry 3
- YOUT 301 Foundations of Youth Ministry 3
- YOUT 340 Current Issues in Youth Ministry 3
- YOUT 447 Discipleship in Youth Ministry 3
- YOUT 448 Contemporary Youth Communication 3

*NOTE: BIBL 350 is a prerequisite for YOUT 447 and 448*

**TOTAL HOURS:** 129 hours minimum required; at least 31 hours must be 300-400 level.

### Cognates

**BIBLICAL STUDIES COGNATE (15 hrs)**
- BIBL 324 Pastoral Epistles and Leadership Development 3
- BIBL 350 Inductive Bible Study 3
- BIBL 364 Acts 3
- BIBL 410 Genesis 3
- BIBL 425 Romans 3

**TOTAL HOURS:** 126 hours minimum required; at least 37 hours must be 300-400 level.

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**BUSINESS STUDIES COGNATE (15 hrs)**

*The following courses may be added to the B.S. in Worship and Music Studies for a Cognate in Business Studies:*
- ACCT 211 Principles of Accounting 3
- BUSI 301 Business Law 3
- BUSI 310 Principles of Management 3
- BUSI 330 Business Marketing 3
- BUSI 300 Business Communications – OR 3
- BUSI 303 International Business 3

**TOTAL HOURS:** 126 hours minimum required; at least 34 hours must be 300-400 level.

**INTERCULTURAL STUDIES COGNATE (15 hrs)**

*The following courses may be added to the B.S. in Worship and Music Studies for a Cognate in Intercultural Studies:*
- GLST 200 Introduction to Global Studies 3
- ICST 300 Cultural Anthropology 3
- ICST 338 Contemporary Mission Problems and Issues 3
- ICST 373 Missionary Relationships 3
- ICST 497 Church and Missions – OR 3
- ICST 495 Directed Research in Missions 3

**TOTAL HOURS:** 126 hours minimum required; at least 34 hours must be 300-400 level.

**THEATRE MINISTRIES COGNATE (15 hrs)**

*The following courses may be added to the B.S. in Worship and Music Studies for a Cognate in Theatre Ministries:*
- THEA 200 Play Production – OR 3
- THEA 220 Basic Acting I 3
- THEA 212 Foundations of Theatre History II 3
- THEA 320 Directing 3
- THEA 352 Writing for Church Drama 3
- THEA 410 Drama in the Church 3

**TOTAL HOURS:** 126 hours minimum required; at least 31 hours must be 300-400 level.

**WOMEN’S MINISTRIES COGNATE (15 hrs)**

*The following courses may be added to the B.S. in Worship and Music Studies for a Cognate in Women’s Ministries:*
- CHMN/WMIN 220 Survey of Women’s Ministry 3
- CHMN/WMIN 320 The Christian Woman 3
- CHMN/WMIN 330 The Role of Women in Ministry 3
- CHMN/WMIN 387 Methods of Teaching the Bible and Religion 3
- CHMN/WMIN 450 Professional Orientation for Women in Ministry 3

**TOTAL HOURS:** 126 hours minimum required; at least 34 hours must be 300-400 level.
School of Religion – Online Programs

Religion Major (B.S.)
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.
4. Demonstrate competence in the use of sound principles of biblical interpretation.

Program of Study

Religion Major (B.S.)

<table>
<thead>
<tr>
<th>General Education Requirements (33 hrs)</th>
<th>Courses in the Major (36 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIBL 323 John</td>
<td>BIBL 105 Old Testament Survey</td>
</tr>
<tr>
<td>BIBL 350 Inductive Bible Study</td>
<td>BIBL 110 New Testament Survey</td>
</tr>
<tr>
<td>BIBL 364 Acts</td>
<td>BIBL 350 Inductive Bible Study</td>
</tr>
<tr>
<td>BIBL 410 Genesis</td>
<td>THEO 201 Theology Survey I</td>
</tr>
<tr>
<td>BIBL 425 Romans</td>
<td>THEO 202 Theology Survey II</td>
</tr>
<tr>
<td>BIBL 450 Daniel – Revelation</td>
<td>THEO 350 Fundamental Theological Issues</td>
</tr>
<tr>
<td>CHHI 301 History of the Christian Church I</td>
<td></td>
</tr>
<tr>
<td>CHHI 302 History of the Christian Church II – OR</td>
<td></td>
</tr>
<tr>
<td>BIBL Any BIBL Elective (except BIBL 104)</td>
<td>[\text{CHMN/ICST/PHIL Elective (except PHIL 104)}]</td>
</tr>
<tr>
<td>CHMN/ICST/PHIL Elective</td>
<td>[\text{CHMN/YOUT/PLED Elective}]</td>
</tr>
<tr>
<td>Electives (36 hrs)</td>
<td>[\text{Graduation Requirement (3 hrs)}]</td>
</tr>
<tr>
<td>CRST 290 History of Life</td>
<td>CRST 290 History of Life</td>
</tr>
</tbody>
</table>

Note: BIBL 104, THEO 104, and APOL 104 are not approved as directed electives.

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

Religion Major (A.A.)
PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Demonstrate competence in the basic biblical and theological concepts of the Bible
2. Analyze theological issues of the present culture.
3. Communicate effectively using appropriate research style and methods.

Program of Study

Religion Major (A.A.) (24 hrs)

General Education Requirements (33 hrs)
Courses in the Major (24 hrs)

| BIBL 105 Old Testament Survey |
| BIBL 110 New Testament Survey |
| BIBL 350 Inductive Bible Study |
| THEO 201 Theology Survey I    |
| THEO 202 Theology Survey II   |
| THEO 350 Fundamental Theological Issues |
| CHMN/YOUT/PLED Elective       |

Graduation Requirement (3 hrs)

TOTAL HOURS: 60 minimum

Liberty University en Español
The School of Religion also offers the Associate of Arts in Religion and an Advanced Certificate in Biblical Studies online through Liberty University en Español. Additional information is available at http://www.luonline.com/index.cfm?PID=21499.

Biblical Studies Minor

<table>
<thead>
<tr>
<th>Biblical Studies Minor (15 hrs)</th>
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</thead>
<tbody>
<tr>
<td>BIBL Biblical Backgrounds</td>
</tr>
<tr>
<td>Electives (300-400 Level)</td>
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</tbody>
</table>

Church Ministries Minor

<table>
<thead>
<tr>
<th>Church Ministries Minor (15 hrs)</th>
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</thead>
<tbody>
<tr>
<td>CHMN 201 Introduction to Church Ministries</td>
</tr>
<tr>
<td>YOUT 201 Survey of Youth Ministries</td>
</tr>
<tr>
<td>PLED 450 Leadership and Management of the Local Church</td>
</tr>
</tbody>
</table>

Choose two courses (6 hrs) from the following:

YOUT/CHILD/CHMN/PLED

Intercultural Studies Minor

<table>
<thead>
<tr>
<th>Intercultural Studies Minor (15 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICST 200 Introduction to Missions</td>
</tr>
<tr>
<td>ICST 300 Cultural Anthropology</td>
</tr>
<tr>
<td>Electives (300-400 Level)</td>
</tr>
</tbody>
</table>
Christian/Community Service

Lew Weider, B.S., M.A., Ed.D.
Director of Christian/Community Service
Professor of Contemporary Issues

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
Assistant Professor of Contemporary Issues

Robert Van Engen, B.S., M.A.
Assistant Director of Christian/Community Service
Associate Professor of Contemporary Issues

Darren C. Wu, B.S.M.E., M.A.R.
Assistant Professor of Contemporary Issues

PURPOSE
The Center for Christian/Community Service guides the Academic and Experiential Learning programs in planning, developing and maintaining quality programs. It also seeks to maintain efficient and cost effective measures in the administration and delivery of its programs.

OBJECTIVES
The Center for Christian/Community Service seeks to support the University in fulfilling its Mission and Aims by providing experiences for students that:
1. Promotes the development of the biblical/Christian worldview.
2. Develops a sense of responsibility to mankind which entails selfless service, and active and clear communication of the Christian faith.
3. Offers opportunities to explore and practice ways to glorify God and advance the cause of Christ through his/her chosen careers.
4. Provides avenues to explore ways of displaying Christian commitment and virtue through local churches, or social, civic, athletic, artistic, or scholastic organizations compatible with the University’s mission.

Academic Program
(GNED 101, 102, 301)

PURPOSE
The Academic program is designed to assist students in developing and demonstrating competency and proficiency in the biblical/Christian worldview. The curriculum is regularly reviewed for quality and for compliance with accreditation standards.

PROGRAM LEARNING OUTCOME
The student will be able to:
• Articulate and apply the biblical/Christian worldview to contemporary issues.

Experiential Program (CSER)

PURPOSE
The Experiential Learning program is designed to assist students in developing and demonstrating competency and proficiency in Christian/Community service. The curriculum is regularly reviewed for quality and for compliance with accreditation standards. The program is designed to provide opportunities for the students to develop and practice skills in citizenship and social responsibility.

PROGRAM LEARNING OUTCOME
The student will be able to:
1. Demonstrate the value of Christian/Community service.
2. Give evidence of skills learned through Christian/Community service.

CHRISTIAN SERVICE (CSER) REQUIREMENT
Christian/Community Service is required for each semester of full-time enrollment for all residential undergraduate students whether they are taking residential or Liberty University Online courses. Undergraduate students are considered full-time if they are taking twelve (12) or more credit hours in a given semester.

To graduate from Liberty University, all full-time, residential undergraduate students must successfully complete one CSER requirement for each full-time semester that they are a student, up to eight (8) semesters.

A student’s first two CSER requirements are GNED 101: Contemporary Issues I, and GNED 102: Contemporary Issues II. They must then successfully complete at least one CSER for each full-time semester that they are enrolled, up to six (6) more semesters.

To receive CSER credit students may not:
• Receive monetary compensation
• Receive academic credit
• Be awarded a scholarship

A CSER must fit within the framework of the purpose and goals of the department, which may include any, or all, of the following:
• Evangelism
• Discipleship
• Tutoring/mentoring
• Civic and community services (this does not include political campaigning)
• Community improvement
• Alleviation of human suffering
• Assisting the underprivileged and less fortunate
• Education and development of children/adults
• Educational assistance
• Stewardship of the earth (environmental projects, care for animals, etc.)

The Liberty University Christian/Community Service Official Policy Handbook and a list of service opportunities are available online at http://www.liberty.edu/index.cfm?pid=32.
Graduate of Theology Diploma (Th.G.)

PURPOSE
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.

GOALS
The Willmington School of the Bible exists to train Christ-exalting leaders for local church ministry with the following emphases:
1. To train men and women for church leadership;
2. To 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 of Study

<table>
<thead>
<tr>
<th>Biblical Studies Major (Th.G.) (60 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBST 103</td>
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<tr>
<td>GBST 104</td>
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<tr>
<td>GBST 105</td>
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<tr>
<td>GBST 163</td>
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<tr>
<td>GBST 164</td>
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<tr>
<td>GBST 165</td>
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<tr>
<td>PRTH 172</td>
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<tr>
<td>PRTH 173</td>
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<tr>
<td>THEO 107</td>
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<tr>
<td>THEO 108</td>
</tr>
<tr>
<td>THEO 109</td>
</tr>
<tr>
<td>General Electives</td>
</tr>
</tbody>
</table>

Courses of Instruction – Diploma Program

APOLOGETICS

APOL 120  Apologetics  3 hours
A survey of the evidences for the central truths of Christianity: the existence of God, the deity and resurrection of Christ, and the authority and truth of the Bible.

BIBLICAL STUDIES

BIBL 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 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 197  Special Topics in Biblical Studies  3 hours

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 110  History of the Christian Church II  3 hours
A study of historical Christianity from the fifteenth century to the present. Includes the major personalities, events, and results of the Protestant Reformation, the rise of modern denominationalism, modern Roman Catholicism, the ecumenical movement and current developments. Special attention is given to the development of American Christianity

GENERAL BIBLICAL STUDIES

GBST 103  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

GBST 164  Chronological Survey of the New Testament II  3 hours
GBST 165  *Chronological Survey of the New Testament III*  3 hours

**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 172  *Hermeneutics I*  3 hours
A study of the historical background, rules, principles, and methods of sound biblical interpretation. Course includes a review of English grammar.

PRTH 173  *Hermeneutics II*  3 hours
Prerequisite: PRTH 172
A continuation of PRTH 172, with emphasis on practical application of hermeneutical principles and methods. Practical application includes writing a personal commentary on a selected book of the Bible.

**THEOLOGY**

THEO 107  *Theological Survey I*  3 hours
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.
English Language Institute

William Wegert, B.S., M.S., M.Div., D.Min.
Dean of International Student Programs
Director, Graduate Resident Admissions

Christina Wade, B.A.
Director, English Language Institute

Lori Roach, B.A., M.A.
Instructor

Emily Loper, B.A.
Lecturer

Sui Ngun, B.A.
Events Coordinator, Lab Instructor

R. Logan Smith, B.A.
Auxiliary Programs Coordinator

PURPOSE
The English Language Institute (ELI) offers an intense four-level Academic English Program (AEP) for students with limited English language proficiency to prepare them for both undergraduate and graduate academic work at English-speaking academic institutions. Students may enter the AEP in the Fall, Spring or Summer term. In levels III and IV of the AEP (during the Fall and Spring terms), students have the option to begin undergraduate coursework alongside their AEP classes. Students completing level IV of the AEP are not required to submit a TOEFL score for acceptance into Liberty University’s undergraduate program.

The ELI also provides language support for local business, religious and other professionals whose native language is not English.

PROGRAM LEARNING OUTCOMES
The student will be able to:
1. Produce grammatical, comprehensible English in spoken and written form.
2. Demonstrate reading and listening proficiency in both academic and everyday contexts.
3. Synthesize an understanding of the language learning process and their own educational goals.

Courses of Instruction

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELIL 051</td>
<td>Grammar/Writing 1</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 052</td>
<td>Writing Lab 1</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 053</td>
<td>Grammar/Writing 2</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 054</td>
<td>Writing Lab 2</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 055</td>
<td>Grammar/Writing 3</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 056</td>
<td>Writing Lab 3</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 057</td>
<td>Grammar/Writing 4</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 058</td>
<td>Writing Lab 4</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 059</td>
<td>Reading Skills</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 060</td>
<td>Reading Skills 2</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 061</td>
<td>Reading Topic</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 062</td>
<td>Academic Reading</td>
<td>3 hours</td>
</tr>
<tr>
<td>ELIL 063</td>
<td>Vocabulary 1</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

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. It also addresses increasingly complex sentence structure patterns and principles of paragraph construction.

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.

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.

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.

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.

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.

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.

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.

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.

In this course, high-intermediate readers develop academic reading skills and vocabulary. Reading passages are read across academic disciplines.

In this course, students systematically study of vocabulary found in the Academic Word List. They study these words, their forms, uses, contexts, and synonyms.
ELIL 066  Vocabulary 2  3 hours
In this course, students continue study of vocabulary found in the Academic Word List. They study these words, their forms, uses, contexts, and synonyms.

ELIL 067  Short Stories/Novel  3 hours
A content course for Intermediate students in the English novel and short story. Students will read, discuss, listen to lectures, and write about the assigned literature.

ELIL 068  American Idioms  3 hours
A study of English idioms, exploring both meaning and use. Addresses idioms in all four skill areas; students will learn to recognize idioms and infer meaning from context in listening and speaking and to use idioms correctly in speaking and writing. This course is accessible to Intermediate to High level students.

ELIL 071  Introductory Listening and Speaking  3 hours
At the level of Novice Low to Novice Mid, this course will provide instruction in the spoken English language. It will focus on and provide directed practice the pronunciation of Standard American English, the vocabulary and the idioms of the English language, and conversational English and the topics of everyday life.

ELIL 072  Academic Listening and Speaking  3 hours
Students at the Novice Mid to Novice High practice listening and speaking skills needed in an academic setting. Students learn listen for academic content and participate in classroom discussion.

ELIL 073  Academic Listening and Speaking 2  3 hours
Students at the Intermediate Low to Intermediate Mid level develop note-taking and classroom participation skills.

ELIL 074  Presentation Skills  3 hours
This course prepares the student with both the language skills and public speaking skills needed in an academic environment. Students learn how to organize and deliver academic information. This course is available to High Intermediate students only.

ELIL 075  Pronunciation 1  3 hours
Students learn the mechanics of the American English spoken language. They learn to form their mouths to make American English sounds. They also learn common patterns or rhythm, intonation, reduction and linking in speech.

ELIL 076  Pronunciation 2  3 hours
Students learn the mechanics of the American English spoken language. They learn to form their mouths to make American English sounds. They also learn common patterns or rhythm, intonation, reduction and linking in speech. This course specifically focuses on the finer points of pronunciation, with a view toward accent reduction and fluidity of speech.

ELIL 077  Film Seminar  3 hours
A course in using movies for autonomous language learning practice. Explores ways to use movies for improvement in multiple language skill areas. Teaches scaffolding techniques to make movies and other language input more accessible and comprehensible. This course is available to Intermediate High students only.
Courses of Instruction – Resident Programs

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 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  3 hours
(Offered fall semester)
Prerequisite: ACCT 302
This is an intensive course in accounting theory and practice regarding partnerships, business combinations and consolidated financial statements. The course attempts to strike a balance between procedural explanations of currently applied accounting practices and the theoretical framework upon which those practices are based. Alternatives to current practice are also discussed.

ACCT 403  Governmental and Not-for-Profit Accounting  3 hours
(Offered spring semester)
Prerequisite: ACCT 402
Problems, concepts and reporting formats related to accounting for governmental and not-for-profit entities.

ACCT 404  Auditing  3 hours
(Offered fall semester)
Prerequisite: ACCT 302
A study of auditing standards and related auditing procedures. Topics include: evaluation of internal control and preparation of the audit program; examination of financial statements and preparation of working papers; and auditors’ reports and opinions.

ACCT 412  Taxation II  3 hours
(Offered spring semester)
Prerequisite: ACCT 401
The second course in a two-course sequence dealing with corporate income taxes, taxes on corporate distributions, other corporate tax levies; partnership information, operation and special issues; “S” corporations, gift and estate taxes; the income taxation of trusts and estates; and IRS administrative procedures.

ACCT 432  IT Audit  3 hours
Prerequisites: ACCT 332, 404
This course provides the theory and application of auditing through the use of information systems. Topics include: authoritative information technology control frameworks; computer security; continuous auditing; and audit approaches to new and emerging technologies.

ACCT 441  Capstone: Accounting  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
COURSES OF INSTRUCTION – RESIDENT PROGRAMS

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.

AIRS 210  The Evolution of Air and Space Power 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 220  The Evolution of Air and Space Power II  1 hour
A continuation of AIRS 210.

AIRS A  Leadership Laboratory  No Credit
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 310  Concepts of Air Force Leadership and Management I  3 hours
Focuses on the study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. The Leadership Laboratory (AIRS A) is mandatory each semester for AFROTC cadets and complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply the leadership and management principles presented in this course.

AIRS 320  Concepts of Air Force Leadership and Management II  3 hours
A continuation of AIRS 310.

AIRS 410  National Security Affairs I  3 hours
Examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Topics include the military as a profession, officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Emphasizes refining communication skills. AIRS A (Leadership Laboratory) is mandatory for AFROTC cadets and complements this course by giving students an opportunity to apply the leadership and management principles presented in this course.

AIRS 420  National Security Affairs II  3 hours
A continuation of AIRS 410.

ADVENTURE LEADERSHIP AND OUTDOOR MINISTRY

ALOM 310  Adventure Leadership Foundations  3 hours
Prerequisites: YOUT 201, 301
This course will provide the basis for adventure leadership and outdoor ministry and will allow students to think outside the realm of traditional ministry and how effective ministry can be when taken outside. Students will be provided with a comprehensive examination of the biblical foundations for outdoor ministry and how those principles can be applied today whether in local church or parachurch ministry. Students will be introduced to a variety of outdoor ministries, their history, leadership, and how they are being effectively utilized today.

ALOM 320  Adventure Leadership Programming  3 hours
Prerequisites: YOUT 201, 301; ALOM 310
This course will provide students the knowledge to effectively develop programs related to adventure leadership and outdoor ministry and then apply these programs within a local church, parachurch, or camping ministry. Students will draw upon previously learned information as it relates to adventure leadership and outdoor ministry goals and philosophy and apply it to this class and their required assignments.

ALOM 360  Camping Ministry  3 hours
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.

ALOM 370  Managing the Christian Youth  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.

ALOM 499  Internship/Practicum  3-6 hours
Prerequisites: Junior/Senior status, successful completion of ALOM 310, 320; YOUT 201, 301, 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.

**STUDIO AND DIGITAL ARTS**
(Formerly VCAR)

**ARTS 105  Art Appreciation** 3 hours
Development of the satisfying discourse between the student and the work of art, employing a selective survey of major achievements and movements in the visual art of Western civilization.

**ARTS 113/ FACS 113  Introduction to Design** 3 hours
An introduction to visual thinking as well as the elements and principles of design. Concentration of the elements of design through production of artwork using a variety of materials and methods. Emphasis placed on understanding the elements and principles of design and how they integrate to form fully realized works of art. Students will explore composition and selection of subject matter.

**ARTS 201  History of Art** 3 hours
An overview of a variety of references from ancient art through the present. Emphasis on vocabulary development with special emphasis on methods of critical analysis of works of art. Students are responsible for maintenance of portfolio of assignments. This portfolio will be used for class discussion periodically and turned in at the end of the semester.

**ARTS 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).

**ARTS 222  Desktop Publishing** 3 hours
The ability to type and knowledge of the computer keyboard is required. Desktop publishing skills and/or topics including a brief history of typography and printing; theory, principles, and procedures of typography; rudimentary design principles; page layout software features that specify type, format style sheets, design grid, tool palettes, permit modification of graphics and text files. Production of desktop publishing projects, including simple components generated either by replication or by creation. Acquisition of a working knowledge of a professional page layout program. Introductory use of a scanner.

**ARTS 223  Typography** 3 hours
Prerequisites: ARTS 222
The study of type as a tool and a design element. Type identification, text and display usage, and actual letterform design.

**ARTS 299  Internship** 0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Application procedures processed through the Career Center. Must apply semester prior to internship.

**ARTS 300  Art as Communication** 3 hours
This course will introduce students to the communicative function and proactive of visual imagery (traditional and digital) and exploration of the ways in which such images are constructed through various practices, technologies and knowledge. A critical approach is taken towards visual images focusing on the agency of the image, the social practices and effects of its viewing and the specificity of views taken by various audiences, such as consumers of teachers, across a range of contexts including the workplace and website.

**ARTS 301  Basic Photography** 3 hours
Introduction to the techniques of taking and processing black and white photographs with consideration of the composition of both still and moving photography. Techniques of taking color transparencies for use in slide and slide-tape presentations, including title boards, graphics, and other imaging techniques. Legal and ethical implications discussed. Portfolio preparation. 35mm camera with interchangeable lens required. (Formerly COMS 301).

**ARTS 303  History of Graphic Design** 3 hours
This course is designed to give students a broad overview of the diverse and rich history in the development of graphic design. The lectures will provide a survey of the major movements of the field from the perspective of the social and political realities from which they developed.

**ARTS 310  Drawing II** 3 hours
Prerequisites: ARTS 210
Intermediate level of study of compound subjects in pencil, charcoal, and ink, continued attention to problems of ARTS 210. (Formerly ARTS 210).

**ARTS 320  Painting I** 3 hours
Introduction to painting. Panel and canvas preparation, exercises exploring color properties, modeling of tone and illumination. (Formerly ARTS 220).

**ARTS 330  Sculpture I** 3 hours
Design and creation of three-dimensional sculptural objects in creative ways to solve specific assigned artistic and sculptural problems. Introduction to materials and tolls used to create sculpture. Instruction in design concepts, terminology, sculpture history, processes and techniques.

**ARTS 332  Digital Illustration** 3 hours
A professional drawing program and color theory to create drawings and illustrations for the printed page of the Internet. Production techniques. Training in a professional drawing software program and “paint-type” program. Portfolio preparation and presentation.

**ARTS 340  Publication Design** 3 hours
Prerequisite: ARTS 222
This design course is for the student who wants to work in the field of newspapers, magazines, advertising, or public relations. It is an introduction to the terminology for newspaper production and covers basic design principles: typography, copy fitting, cropping, layout, photo sizing, use of art, and printing processes. Design and production of a newspaper will be required. The students will work on other projects such as a brochure, a newspaper, and web pages. Students will use software to create final projects. Portfolio preparation.

**ARTS 341  Graphic Design** 3 hours
Prerequisites: ARTS 222, 332

**ARTS 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 11 targeting color corrections; rotating, scaling, and cropping photographs; retouching; selecting color models; making color separations; and trapping. Training in a professional image-editing program.

**ARTS 361  Digital Photography** 3 hours
Advanced imaging techniques utilizing photography and layout software. The course focuses on proficiency in working with equipment and software combined with creativity to produce quality portfolio pieces.
COURSES OF INSTRUCTION – RESIDENT PROGRAMS

ARTS 371  Advanced Graphics  3 hours
Prerequisites: ARTS 222, 332, 341, 351
Advanced study in graphic design, which integrates desktop publishing, digital illustration, digital imaging, page layout, and pre-press techniques with emphasis on the design process from visualization to production. Design and production of major projects for print including an extensive business identity package and a magazine project produced through both individual and group work. Critiquing designs. Portfolio preparation and presentation. (Formerly COMS 371).

ARTS 400  Travel Study  3 hours
Prerequisite: ARTS 201
Travel to various destinations for study of art, architecture and culture.

ARTS 401  Illustration/Cartooning  3 hours
This course explores a full range of current commercial illustration methods and techniques utilizing the following media: pencil, pen, and ink, watercolor, and collage.

ARTS 420  Painting II  3 hours
Prerequisite: ARTS 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.

ARTS 430  Sculpture II  3 hours
Prerequisite: ARTS 330
The creation of sculpture in a variety of media on a larger, more ambitious scale than Sculpture 1 and the exploration of more sophisticated sculptural techniques and processes.

ARTS 461  Advanced Digital Photography  3 hours
Prerequisite: ARTS 361
Advanced imaging techniques utilizing photography, and layout software. The course focuses upon proficiency in working with equipment and software combined with creativity to produce quality portfolio pieces.

ARTS 472  Interactive Multimedia  3 hours
Prerequisite: ARTS 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).

ARTS 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.

ARTS 474  Interactive Game Development  3 hours
Prerequisite: ARTS 473
The development of arcade, scrollers and strategy games. Familiarity with several typical game development tools that do not require programming and issues such as player controls, sounds, music, and basic animations will be covered.

ARTS 492  Professional Practices  3 hours
Prerequisites for Graphic Design students: ARTS 222, 223, 332, 341, 351, 371
Prerequisites for Studio Art students: ARTS 310, 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).

ARTS 495  Directed Research  1 to 3 hours
As determined by instructor.

ARTS 496  Workshop in Studio and Digital Arts  1 to 3 hours
As determined by instructor.

ARTS 497  Special Topics in Studio and Digital Arts  3 hours
Topics of special interest not included in the regular department offerings. May be taken more than once, but no topic can be repeated.

ARTS 499  Internship  1 to 6 hours
Completion of a minimum of 24 hours of Visual Communication Arts courses other than COMS 101 and written consent of the department chair; junior or senior status and required GPA. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

ATHLETICS

ATHL 001  Men’s Basketball  1 hour
Participation in intercollegiate competition in basketball.

ATHL 011  Baseball  1 hour
Participation in intercollegiate competition in baseball.

ATHL 022  Football  1 hour
Participation in intercollegiate competition in football.

ATHL 024  Women’s Soccer  1 hour
Participation in intercollegiate competition in soccer.

ATHL 034  Men’s Soccer  1 hour
Participation in intercollegiate competition in soccer.

ATHL 035  Men’s/Women’s Track  1 hour
Participation in intercollegiate competition in track.

ATHL 036  Men’s/Women’s Cross Country  1 hour
Participation in intercollegiate competition in cross country.

ATHL 041  Women’s Basketball  1 hour
Participation in intercollegiate competition in basketball.

ATHL 042  Women’s Volleyball  1 hour
Participation in intercollegiate competition in volleyball.

ATHL 043  Women’s Softball  1 hour
Participation in intercollegiate competition in softball.

ATHL 044  Golf  1 hour
Participation in intercollegiate competition in golf.

ATHL 045  Tennis  1 hour
Participation in intercollegiate competition in tennis.

ATHL 055  Wrestling  1 hour
Participation in intercollegiate competition in wrestling.

ATHL 056  Lacrosse  1 hour
Participation in intercollegiate competition in lacrosse.

ATHL 058  Women’s Field Hockey  1 hour
Participation in intercollegiate competition in field hockey.

ATHL 200  Cheerleading  1 hour
Membership in the University cheerleading squad.

ATHLETIC TRAINING

ATTR 200  Introduction to Athletic Training  3 hours
An introduction to the profession of athletic training. Topics also include basic methods of care, treatment, and rehabilitation of athletic injuries.

ATTR 210  Principles of Athletic Training  3 hours
Introduction of Basic Athletic Training. Topics include: pre-participation examination; modalities; and prevention. Laboratory experiences are provided.
ATTR 220  **Practicum I in Athletic Training**  2 hours
Prerequisites: ATTR 200, 210, and provisional 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 full 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 213/214
Methods of evaluation of athletic injuries are investigated, including history, inspection, palpation, and orthopedic and neurologic testing with focus on the lumbar area and lower extremities. Lab experiences included.

ATTR 302  **Evaluation of Athletic Injuries II**  3 hours
Prerequisites: ATTR 200, 300, BIOL 213/214 and acceptance into the Athletic Training Program; can be taken concurrently with BIOL 215/216.
Methods of evaluating injuries to the physically active are investigated including history, inspection, palpation, and orthopedic and neurological testing. Focus includes evaluation of injuries to the upper extremity, head, neck and thorax. Other topics include management of crisis situations and facial injuries related to athletic participation. Includes lecture and laboratory experiences.

ATTR 305  **First Responder for Athletic Training**  3 hours
Prerequisites: ATTR 200, 210, and BIOL 213/214 (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 213/214, 215/216; 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 213/214, 215/216
Lecture and laboratory experiences will include the application, instruction, progression and probable outcomes of the use of therapeutic exercises and rehabilitation techniques commonly used in athletic training.

ATTR 404  **Medical Aspects of Athletic Training**  3 hours
Prerequisites: ATTR 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. 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 LLC.

AVIA 210  
**Private Ground I**  
2 hours  
A solid foundation in aerodynamics, aircraft systems and servicing, airport operations and communication, regulations, meteorology, weight and balance, as well as description of primary flight maneuvers.

AVIA 215  
**Private Ground II**  
2 hours  
Prerequisite: AVIA 210  
A continuation of AVIA 210 to include cross country navigation methods, flight physiology and meteorology to prepare the student for the required FAA Private Pilot written exam.

AVIA 220  
**Private Flight I**  
3 hours  
Co-requisite: To be taken simultaneously with AVIA 210  
Primary flight training in fundamental pilot operations, including ground reference maneuvers, traffic patterns, emergency procedures and takeoffs and landings. Approximately 20 flight hours.

AVIA 221  
**Private Flight I – Helicopter**  
3 hours  
Prerequisite: AVIA 220  
Co-requisite: Taken simultaneously with AVIA 215  
Continuation of AVIA 220 to include basic flight maneuvers, maximum performance takeoffs and landings, cross-country flights and introduction to high density airport operations. This course will prepare the student for the required FAA Private Pilot Flight practical test. Approximately 25 flight hours.

AVIA 226  
**Private Flight II – Helicopter**  
3 hours  
Prerequisite: AVIA 220 and Private Pilot Certificate  
This course covers the Global Positioning System (GPS) theory, operations, hardware and usage. The student will become proficient in IFR and VFR usage of most available GPS receivers.

AVIA 240  
**GPS Navigation**  
1 hour  
Prerequisite: AVIA 220 and Private Pilot Certificate  
This course covers the Global Positioning System (GPS) theory, operations, hardware and usage. The student will become proficient in IFR and VFR usage of most available GPS receivers.

AVIA 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.
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 
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
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
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
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
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
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
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 airplane types and will acquire a more in-depth understanding of the Boeing 737 Aircraft.

AVIA 460 Interview and Etiquette Techniques
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

AVMN/AVMT – AVIATION MAINTENANCE TECHNICIAN

AVMN/AVMT 100 Aircraft Sciences I
Co-requisites: AVMT 102, 104, 106
This course will provide the student with a review of the fundamental operations in arithmetic as they are applied routinely in aircraft maintenance, including fractions, decimals, ratio, geometry, basic trigonometric functions, formulae, and proportions. Basic concepts of aviation applied physics will be presented, including: aerodynamic laws, theory of flight, fluid, heat, power, work, simple machines, and sound. The student will also learn aircraft weight and balance procedures, center of gravity computations, and how to identify and rectify adverse loading conditions.

AVMN/AVMT 102 Aircraft Sciences II
Co-requisites: AVMT 100, 104, 106
This course is designed to introduce the student to direct and alternating current electricity, electrical circuit design, measuring devices, transformers, magnetism, electromagnetism, electronic devices and applications; with emphasis on basic laws relating to voltage, current, resistance, inductance, and capacitance. The student will also learn how to read and interpret electrical diagrams and to inspect and service aircraft batteries. This course will also give the student an understanding of aircraft drawings, symbols, and schematic diagrams commonly used in aircraft maintenance and illustrated parts manuals; the knowledge an ability to create drawings and sketches of repairs or alterations, and the ability to interpret blueprints, graphs, and charts.

AVMN/AVMT 104 Maintenance Practices I
Co-requisites: AVMT 100, 102, 106
This course is designed to develop the student’s skills in the proper use of basic aircraft mechanic’s hand tools and measuring devices, aircraft hardware, safety methods, and materials used in aircraft maintenance and repair. Various methods of nondestructive testing will be learned and applied to practical situations, including liquid penetrant, magnetic particle, eddy current, ultrasound and radiography. The student will understand the privileges, limitations, and regulations provided by the FAA Code of Federal Regulations pertinent to aircraft maintenance technicians. Emphasis will be placed on the selection and use of FAA and manufacturers’ aircraft maintenance specifications, data sheets, manuals, and publications; as well as proper logbook and maintenance entries and record keeping.

AVMN/AVMT 106 Maintenance Practices II
Co-requisites: AVMT 100, 102, 104
This course will instruct the student in aircraft cleaning; corrosion identification, treatment, removal, and control practices. The student will learn how to fabricate and install flexible and rigid fluid lines and fittings. The student will also understand proper procedures for safely securing, moving, fueling, starting, servicing, and taxing aircraft.

AVMN/AVMT 200 Airframe Auxiliary Systems
Co-requisites: AVMT 202, 204, 206, 208, 210
This course will provide the student an understanding of operating principles and basic maintenance techniques for airframe auxiliary systems and their components, including: cabin atmosphere control, communication and navigation, instruments, static and pitot, fire detection and extinguishing, smoke and carbon monoxide detection, ice and rain control, speed and configuration, anti-skid brakes, as well as position and warning. The student will also learn the operations and maintenance of aircraft fuel systems and components, including fluid quantity indicating systems, fluid pressure and temperature warning systems, fuel dump systems, transfer and defueling, and pressure fueling systems.
AVMN/AVMT 202  Aircraft Electrical Systems  3 hours
Co-requisites: AVMT 200, 204, 206, 208, 210

This course is designed to provide the student with an advanced study of AC and DC electrical systems, electrical power generation and control; to include alternators, generators, motors, relays, switches, wiring installations, load analyses, and aircraft components. The student will gain principle knowledge and skills to inspect, check, service, and troubleshoot airframe electrical components.

AVMN/AVMT 204  Airframe Structures I  3 hours
Co-requisites: AVMT 200, 202, 206, 208, 210

This course will instruct the student in the basic construction and properties of materials typically used in aircraft applications, with emphasis on aluminum sheet metal applications and their manufacture, repair, and inspection. Student projects will focus on sheet metal lay-out, cutting, forming, bending and riveting, using solid and blind rivets, as well as identifying and using specialty fasteners.

AVMN/AVMT 206  Airframe Structures II  3 hours

In this course the student will learn the design, application, fabrication, repair, finishing, and safety practices relating to composite, laminated, honeycomb, bonded, plastic, wood and fabric materials found in structural applications on aircraft, including windows, doors, and interior panels and furnishings. The student will also gain understanding and skills in various welding methods, procedures, and techniques as applied to aircraft manufacturing and repair. Oxygen/acetylene, shielded metal arc, gas metal arc welding, soldering and brazing processes will be studied.

AVMN/AVMT 208  Airframe Assembly and Inspection  3 hours
Co-requisites: AVMT 200, 202, 204, 206, 210

This course will instruct the student in aircraft covering materials, construction, inspection, and repairs using natural and synthetic fabrics. The student will understand the identification, inspection, and application of finishing materials to both fabric and metal surfaces, including touch-up, trim, and lettering. The student will learn the fundamentals of airframe assembly, rigging, aerodynamics, and controls. This course will also introduce the student to conformity and airworthiness inspection requirements and procedures as they relate to the airframe, including knowledge and abilities needed to perform inspections and properly complete associated forms and paperwork.

AVMN/AVMT 210  Airframe Hydraulic, Pneumatic, and Landing Gear Systems  3 hours
Co-requisites: AVMT 200, 202, 204, 206, 208

This course is designed to introduce the student to basic fluid mechanics as it applies to practical applications in airframe systems. Construction and operation of hydraulic and pneumatic systems and components will be discussed, as well as identification and selection of hydraulic fluids and their related components. The student will learn landing gear designs, construction, and operations; as well as the inspection, servicing, and repair or replacement of various types of fixed and retractable landing gear systems, shock struts, brakes, wheels, tires, and steering systems.

AVMN/AVMT 212  Reciprocating Engines  3 hours
Co-requisites: AVMT 214, 216, 218, 220

This course will instruct the student in the principles of operation, construction, and design of reciprocating aircraft engines and components. The student will gain procedural knowledge and technical skills in reciprocating engine removal, disassembly, inspection, servicing, overhaul, reassembly, installation, and troubleshooting.

AVMN/AVMT 214  Engine Electrical Systems  3 hours
Co-requisites: AVMT 212, 216, 218, 220

This course will present the principles of operation and servicing procedures of electrical systems and electrical components found on reciprocating and turbine engine powered aircraft. Students will study and understand the operation, inspection, and servicing of ignition and starting systems, generation and control systems, auxiliary power units, and wiring installations.

AVMN/AVMT 216  Engine Auxiliary Systems I  3 hours
Co-requisites: AVMT 212, 214, 218, 220

In this course the student will learn the construction, operation, inspection, troubleshooting, servicing, repair and overhaul of reciprocating engine carburetion, injection, and fuel metering systems, as well as turbine engine fuel control systems. The student will also study fuel warning, pressure and rate of flow instruments, as well as reciprocating and turbine engine lubricants and lubrication systems.

AVMN/AVMT 218  Engine Auxiliary Systems II  3 hours
Co-requisites: AVMT 212, 214, 216, 220

In this course the student will study engine instrument systems, fire detection and extinguishing systems, induction systems, cooling systems, exhaust and thrust-reverser systems, with a focus on theory of operation, servicing, inspection, repair, and troubleshooting. The student will also learn the theory of operation and basic construction of fixed-pitch, constant-speed, and feathering propellers. The student will also be introduced to propeller synchronization systems, ice-control systems, and propeller governing systems. The student will gain knowledge & skills to inspect, check, service, remove, repair, and install propellers.

AVMN/AVMT 220  Turbine Engines  3 hours

This course provides the student with an understanding of gas turbine engine cycles, high speed gas flow, and the design and construction of turbojet, turboprop, and turbofan engines. The student will receive an introduction to ducted fans and turbine-driven auxiliary power units. The student will learn the fundamentals of turbine engine operation, removal and replacement, maintenance, servicing, troubleshooting, and inspection.

BIOCHEMISTRY

BCHM 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
   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

BIBL 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

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 expository 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
   Prerequisite: BIBL 350
   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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>Principles of Biology Laboratory</td>
<td>1 hour</td>
<td>Laboratory exercises selected to demonstrate basic biological concepts. Emphasis is on cell composition, structure and function, plant and animal organization, genetics, and biological diversity. (Meets 2 hours)</td>
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<td></td>
<td></td>
<td></td>
<td>Prerequisite: Concurrent or previous enrollment in BIOL 101</td>
</tr>
<tr>
<td>BIOL 104</td>
<td>Principles of Human Biology Laboratory</td>
<td>1 hour</td>
<td>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. (Meets 2 hours)</td>
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<tr>
<td></td>
<td></td>
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<td>Prerequisite: Concurrent or previous enrollment in BIOL 102</td>
</tr>
<tr>
<td>BIOL 200</td>
<td>Foundations of Biology</td>
<td>4 hours</td>
<td>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. (3 hours lecture; 3 hours lab)</td>
</tr>
<tr>
<td>BIOL 203</td>
<td>Introductory Microbiology</td>
<td>4 hours</td>
<td>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. (3 hours lecture; 2 hours lab)</td>
</tr>
<tr>
<td>BIOL 204</td>
<td>General Botany</td>
<td>4 hours</td>
<td>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. (3 hours lecture; 3 hours lab)</td>
</tr>
<tr>
<td>BIOL 207</td>
<td>General Zoology</td>
<td>4 hours</td>
<td>A systematic survey of the animal kingdom, including all of the major phyla. The emphasis is on taxonomy, physiology, morphology, and life histories. (3 hours lecture; 3 hours lab)</td>
</tr>
<tr>
<td>BIOL 208</td>
<td>General Zoology</td>
<td>4 hours</td>
<td>A high school-level biology course with lab; to be taken concurrently with BIOL 214. A study of the structure and function of the human body with emphasis on cells, tissues, skin, nerves and special senses, muscle bones, and coordination and control of body movements. Concepts in physiology, including the maintenance of homeostasis, will be discussed. May not be used for general education credit except in conjunction with BIOL 215. (Formerly BIOL 211 Lecture)</td>
</tr>
<tr>
<td>BIOL 213</td>
<td>Human Anatomy and Physiology I</td>
<td>3 hours</td>
<td>Prerequisite: A high school-level biology course with lab; to be taken concurrently with BIOL 214. A study of the structure and function of the human body with emphasis on cells, tissues, skin, nerves and special senses, muscle bones, and coordination and control of body movements. Concepts in physiology, including the maintenance of homeostasis, will be discussed. May not be used for general education credit except in conjunction with BIOL 215. (Formerly BIOL 211 Lecture)</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I Lab</td>
<td>1 hour</td>
<td>Prerequisite: A high school-level biology course with lab or permission of instructor; BIOL 213 is required as a Co-requisite or prerequisite. Laboratory exercises selected to demonstrate principles of human anatomy and physiology. Emphasis is placed on foundational concepts such as homeostasis, anatomical terminology, the chemistry of living things and the structure and function of cells and tissues. The integumentary, skeletal, muscular and nervous body systems are examined via hands-on exercises and dissection of preserved specimens. (Formerly BIOL 211 Lab)</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Anatomy and Physiology II</td>
<td>3 hours</td>
<td>Prerequisite: Successful completion of BIOL 213; to be taken concurrently with BIOL 216 A continuation of BIOL 213. A study of the structure and function of the human body with emphasis on the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. Concepts in physiology, including the maintenance of homeostasis, will be discussed. May not be used for general education credit except in conjunction with BIOL 213. (Formerly BIOL 212 Lecture)</td>
</tr>
<tr>
<td>BIOL 216</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>1 hour</td>
<td>Prerequisite: Successful completion of BIOL 214; BIOL 215 is required as a Co-requisite or prerequisite. Laboratory exercises selected to demonstrate principles of human anatomy and physiology. Emphasis is placed on the structure and function (including hands-on clinical analyses) of the cardiovascular, endocrine, lymphatic, respiratory, digestive, urinary and reproductive systems. Exercises include hand-on clinical analyses and dissection of preserved specimens. (Formerly BIOL 212 Lab)</td>
</tr>
<tr>
<td>BIOL 299</td>
<td>Internship</td>
<td>0 hours</td>
<td>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.</td>
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<tr>
<td>BIOL 301</td>
<td>Genetics</td>
<td>4 hours</td>
<td>(Offered every semester) (3 hours lecture; 3 hours lab) Prerequisites: BIOL 208 or BIOL 215/216; CHEM 122; CHEM 301 recommended A study of the principles of heredity with emphasis on inheritance in individuals and populations, chromosomal rearrangements, the chemistry of the gene in DNA structure and replication, transcription, translation, the control of gene expression, mutations and their repair, genetic engineering and extra-nuclear inheritance.</td>
</tr>
<tr>
<td>BIOL 303</td>
<td>Microbiology</td>
<td>4 hours</td>
<td>(3 hours lecture; 4 hours lab) Prerequisites: BIOL 207 or 208 or BIOL 215/216 An introduction to micro-organisms with emphasis on principles and techniques of culture and identification, life processes, and diversity of micro-organisms.</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>Parasitology</td>
<td>4 hours</td>
<td>(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.</td>
</tr>
<tr>
<td>BIOL 307</td>
<td>Plant Physiology</td>
<td>4 hours</td>
<td>(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.</td>
</tr>
</tbody>
</table>
| BIOL 310   | Ecology                                           | 4 hours | (Offered fall semester) (3 hours lecture; 4 hours lab) Prerequisites: BIOL 207, 208 and MATH 201 or 211; PSYC 355 recommended An examination of the interrelationships between organisms and biotic and abiotic factors in their environment. The emphasis of
the lab is the collection and statistical analysis of quantitative ecological data.

**Biol 320 Introduction to Entomology** 4 hours
(3 hours lecture; 3 hours lab)
Prerequisites: BIOL 208 or BIOL 215/216
An introduction to the study of insects including structure, physiology, life histories, ecology and taxonomy with a special emphasis on those insects of medical and economic importance.

**Biol 321 Comparative Anatomy of the Vertebrates** 4 hours
(3 hours lecture; 3 hours lab)
Prerequisites: BIOL 208 or BIOL 215/216
A comparative study of the structure and relationships of vertebrate animals.

**Biol 371 Vertebrate Paleontology** 3 hours
(3 hours lecture)
Prerequisite: BIOL 208 or BIOL 215/216
A study of vertebrate paleontology, including its methodology and a survey of major vertebrate fossil groups. Intended for upper-level Biology majors.

**Biol 400 Biology Seminar** 1 hour
Prerequisites: BIOL 310 or 415 and COMS 101
The preparation and presentation of a paper, discussion of presentations, and/or the discussion of articles in the scientific literature. This course can be repeated and up to 4 hours can be applied toward the major. Restricted to Biology majors and minors.

**Biol 403 Embryology** 4 hours
(3 hours lecture; 3 hours lab)
Prerequisites: BIOL 415
Fundamentals of early development and experimental analysis of development systems and a descriptive and comparative study of organogenesis with emphasis on vertebrates.

**Biol 408 Animal Behavior** 4 hours
(3 hour lecture; 3 hour lab)
Prerequisites: BIOL 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.

**Biol 410 Environmental Biology** 4 hours
(3 hour lecture; 3 hour lab)
Prerequisites: BIOL 208 or 207; BIOL 310 recommended
Field and lab methods used by government and industry to assess the impact of a pollutant upon an ecosystem including toxicity testing, in stream evaluations of macro invertebrates and fish, exposure and risk assessment modeling.

**Biol 415 Cell Biology** 4 hours
(3 hour lecture; 3 hour lab)
Prerequisites: BIOL 301 and CHEM 301 or CHEM 301 concurrently
A study of the organization and function of living matter at the cellular level. Special emphasis will be given to the integration of molecular and cellular interactions for the maintenance of life.

**Biol 416 Comparative Animal Physiology** 4 hours
(3 hour lecture; 3 hour 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.

**Biol 418 Vertebrate Natural History** 4 hours
(3 hour lecture; 3 hour lab)
Prerequisites: BIOL 208 or BIOL 215/216
A study of the life history of the vertebrates with special emphasis on their taxonomy, life cycles, and ecological relationships. Vertebrates native to central Virginia will receive special attention.

**Biol 419 Ornithology** 4 hours
(3 hour lecture; 3 hour 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.

**Biol 420 Immunology** 4 hours
(3 hour lecture; 3 hour 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
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 Management Information Systems**
(formerly CMIS & ISYS)

**BMIS 200 Enterprise Business Applications and Communications** 3 hours
Prerequisites: MATH 110 or approval of instructor
This course examines the design, selection, implementation and management of enterprise Business solutions. The focus is on identifying critical business processes and envisioning how technology can be developed to provide solutions which generate competitive advantage Students learn how applying frameworks and strategies around the Business Process and Organization Strategy provide a competitive advantage. Topics include MIS and IT fundamentals, Information Systems Management and Using Enterprise Business Applications for competitive advantage. The course also includes a component for Technical Writing for Information Systems. (Formerly ISYS and CMIS 110)

**BMIS 208 Application Programming** 3 hours
Prerequisite: (BMIS 200 or CSCI 110) and BUSI 201; minimum grade of “C”
Development of computer and programming skills, problem solving methods, and selected applications. This course provides a broad-based introduction to programming in Visual Basic. Students will learn how to build a program from the design phase all the way through to delivery. (Formerly CMIS 211)
BMIS 209  C# Programming  3 hours  Prerequisite: BMIS 208 or CSCI 111; minimum grade of “C” Development of computer and programming skills using the C# language. Students will learn how to use C# to develop stand-alone applications in an IDE. Advanced concepts, such as database connectivity and web applications will also be examined. (Formerly ISYS 211)

BMIS 212  Object-Oriented Programming  3 hours  Prerequisites: BMIS 208 or CSCI 111; minimum grade of “C”  A study of the general-purpose, secure, object-oriented, portable programs. This course prepares students to program stand-alone applications. It will cover features such as programming concepts, data types, operators, flow control statements, objects, classes, methods, arrays, and strings. The concept of object-oriented programming is emphasized. (Formerly ISYS and CMIS 212)

BMIS 299  Internship  0 hours  Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind. Application procedures processed through the Career Center. Must apply semester prior to internship. (Formerly ISYS 299)

BMIS 310  Web Architecture and Development  3 hours  Prerequisite: BMIS 208 or CSCI 112; minimum grade of "C" Provides students with thorough knowledge of the foundations of web architecture, current technologies utilized in the development of a web site, and criteria for assessing the usability of web sites. (Formerly ISYS and CMIS 310)

BMIS 312  Advanced Object-Oriented Programming  3 hours  Prerequisites: BMIS 212; minimum grade of “C”  In-depth study of the advanced features of Java, with an emphasis on the “why” as well as the “how to” of programming in the Java language. This course also prepares students for the Sun Certified Java Programmer exam. (Formerly ISYS and CMIS 312)

BMIS 320  IS Hardware and Software  3 hours  Prerequisites: BMIS 200 or CSCI 110; minimum grade of “C”  Emphasis is placed on the role of the computer in information processing, including the design of computer hardware and operating systems, application programming, data storage, network and client/server concepts, and systems development life cycle. (Formerly ISYS and CMIS 320)

BMIS 325  Database Management Systems  3 hours  Prerequisites: BMIS 208 with a minimum grade of “C” 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 and ER CASE tools currently popular in business and government settings. (Formerly ISYS 325 and CMIS 450)

BMIS 326  Introduction to Oracle  3 hours  Prerequisite: BMIS 325; minimum grade of “C”  This course introduces the fundamentals of database design using an Oracle platform. Database administration will be introduced as well as the basic concepts of data manipulation in an Oracle environment.

BMIS 327  Advanced Oracle  3 hours  Prerequisite: BMIS 326; minimum grade of “C”  This course introduces the advanced topics of database administration in Oracle. Multi-dimensional databases for Business Intelligence applications will be examined as well.

BMIS 330  Business Data Communication Systems  3 hours  Prerequisite: BMIS 200; minimum grade of “C”  Business Data Communications. The study of the movement of information (data) one device to another by means of electrical, optical, radio or satellite transmission systems. This course will introduce the architecture, concepts, terminology, design, and management issues related to the modern environment of networking and data communications. Various types of networks and communication systems, protocols, regulatory issues and policies will be explored. (Formerly ISYS and CMIS 330)

BMIS 331  Networks  3 hours  Prerequisite: BMIS 330; minimum grade of “C”  Building on the foundational knowledge of the 330 course, this is a study in corporate data networking. This course primarily focuses on switched networks (wired and wireless) with hands on work on setting up and operating a switched network. Routed networks fundamentals and concepts will be introduced to prepare students for careers in networks operations and the follow-on advanced networks class.

BMIS 335  Network Security  3 hours  Prerequisite: BMIS 330; minimum grade of “C”  A study of the control of unwanted intrusions into, use of, or damage to a business’ computer network. This course will cover elements that prevent unwanted activities in an efficient and cost effective manner. This study will start with a focus on the business challenges and threats network professionals face in their day to day operations. It explores the nature and intent of hackers and defines preventative measures such as Intrusion Detection Systems, firewalls, and virtual private networks.

BMIS 340/  Studies in Information Security  3 hours  CSCI 340  This course introduces the basic issues and principles of information system security such as security policies, their mechanisms of implementation, means attackers use to circumvent these protections, and defenses against these attackers. (Formerly ISYS 340)

BMIS 341  Information Security Planning  3 hours  Prerequisite: BMIS 335; minimum grade of “C”  A comprehensive, end-to-end view of information security policies and frameworks from the raw organizational mechanics of building to the psychology of implementation. It presents an effective balance between technical knowledge and soft skills, and introduces many different concepts of information security in clear simple terms such as governance, regulator mandates, business drivers, legal considerations, and much more. With step-by-step examples and real-world exercises, this course is a must-have resource for students, security officers, auditors, and risk leaders looking to fully understand the process of implementing successful sets of security policies and frameworks.

BMIS 342  Cyber Security  3 hours  Prerequisite: BMIS 341; minimum grade of “C”  A comprehensive overview of the essential concepts students must know as they pursue careers in information systems security. Topics include a discussion of the new risks, threats, and vulnerabilities associated with the transformation to a digital world, including a look at how business, government, and individuals operate today. Additionally, information is included from the Official (ISC) 2 SSCP Certified Body of Knowledge and presents a high-level overview of each of the seven domains within the System Security Certified Practitioner certification.

BMIS 351  System Analysis and Design  3 hours  Prerequisite: BMIS 325; minimum grade of “C” and senior status  This practical course in information systems development will cover the concepts, skills, methodologies (RAD as well as SDLC),
and tools essential for systems analysts to successfully develop information systems. The course will also introduce the student to the Oracle Designer CASE tools, which will be used to assist in the documentation of the analysis and design phases. The course will include a significant amount of team-based activities, therefore issues associated with team interactions and processes will be discussed. (Formerly ISYS and CMIS 351)

**BMIS 375/ ENGS 375**
**Introduction to Human-Computer Interaction**

Prerequisite: CSCI 215 or BMIS 312; minimum grade of “C”

Study and application of the design and evaluation of effective user interactive computer software, including user-centered design principles, guidelines and evaluation for designing a software product. Research-based project required.

**BMIS 405/ BUSI 405**
**Business and Economic Forecasting**

Prerequisites: MATH 201, ECON 214

Factors producing and study of cyclic movements, analysis of their causes and methods of forecasting as well as study of seasonal, erratic and other movements. (Formerly ISYS 220)

**BMIS 410**
**Web Enterprise Technologies**

Prerequisites: BMIS 310; BMIS 325 or CSCI 325; minimum grade of “C”

Provides students with thorough knowledge of current technologies and best practices for developing database driven dynamic websites including database and client side programming. (Formerly ISYS 410)

**BMIS 425**
**Advanced Database Concepts**

Prerequisites: BMIS 325; minimum grade of “C”

This course will present an in-depth study of Structured Query Language (SQL) and object manipulation in an RDBMS. New models of database organization will be explored as well as advanced features of traditional RDBMS engines (replication, jobs, stored procedures, etc.). Provides students with knowledge of software that connects applications with data and manages distributed database configurations. Provides optimization techniques for data storage and retrieval. The course introduces cloud computing and data storage in virtual environments. Database security will also be examined.

**BMIS 430**
**Advanced Networking and Communication Systems**

Prerequisite: BMIS 330 or CSCI 355; minimum grade of “C”

This course focuses on routed data networks and the implementation of previously learned business data communications and switched networks concepts, principles and strategies to build a complete data communications network. This course is an in-depth study of technologies and equipment in modern communication networks. The TCP/IP stack and Cisco (or comparable) networking equipment are used to explore methodologies for designing, configuring, and maintaining communication networks. (Formerly ISYS and CMIS 430)

**BMIS 440**
**Digital Forensics**

Prerequisite: BMIS 342; minimum grade of “C”

Students are introduced to the concept of computer crimes and the need for forensics specialists (people who know how to find and follow the evidence). System Forensics, Investigation, and Response begins by examining the fundamentals of system forensics, the role of computer forensics specialists, computer forensic evidence, and application of forensic analysis skills. It also gives an overview of computer crimes, forensic methods, and laboratories. It then addresses the tools, techniques, and methods used to perform computer forensics and investigation. Finally, it explores emerging technologies as well as future directions of this interesting and cutting-edge field.

**BMIS 450**
**IS Project Management**

Prerequisites: BMIS 351 and ECON 214 with a minimum grade of "C"

Capstone course for MIS majors. Develops skills in managing the project development cycle in an organization. Topics include systems engineering, cost analysis, risk management, and managing the socio-technological elements of a project. (Formerly ISYS and CMIS 460)

**BMIS 470**
**Executive Perspectives on E-Commerce Technology**

Prerequisites: BMIS 310, 351; minimum grade of “C”

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. (Formerly ISYS 470)

**BMIS 495/ BUSI 495**
**Directed Research**

Prerequisites: Senior status and permission of Department Chair

Individual study of advanced topics in management information systems. Includes periodic meetings with instructor. (Formerly ISYS 495)

**BMIS 497/ BUSI 497**
**Special Topics in Information Systems**

Prerequisite: Permission of instructor

Selected topics in various areas of management information systems. May be repeated for credit when the topic varies. (Formerly ISYS 497)

**BMIS 499/ BUSI 499**
**Internship**

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. (Formerly ISYS 499)

**BUSI 101**
**Introduction to Business**

The student will study all of the major aspects of operating a modern business. Emphasis is given to business practice for both small business and large corporate enterprises.

**BUSI 201**
**Intermediate Business Computer Applications**

Prerequisite: INF3 110 or equivalent

This laboratory experience offers the student a hands-on introduction to an electronic spreadsheet, a database program, and a presentation program. Upon this foundation, intermediate database and intermediate and advanced spreadsheet skills are taught. Throughout the course, there is an emphasis on the integration of the applications as they are applied to personal and organizational tasks. This course provides the IT foundations that are applicable for all curriculums. (Formerly ISYS/CMIS 201)

**BUSI 223**
**Personal Finance**

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

Introductory business course which is concerned with improving organizational communication. Focuses on interpersonal communication. This dynamic course presents the fundamentals of written, oral, and nonverbal communication.

BUSI 301 Business Law 3 hours
Prerequisite: Sophomore status

Design for business professionals is a sound understanding of the theories and practice of organizational communication. This dynamic course presents the fundamentals of written, oral, and nonverbal communication.

BUSI 303 International Business 3 hours
An introduction to the field of international business. Topics to be covered include: country differences in political economy and culture; cross-border trade and investment; the global monetary system; global strategy; global market; and product development; global operations management; and global human resources management.

BUSI 310 Principles of Management 3 hours
Management requires a balance between social (people) and technical (quantitative) perspectives, as well as between efficiency and effectiveness. This course emphasizes the application of these perspectives in each of the planning, organizing, leading and controlling functions.

BUSI 320 Corporate Finance 3 hours
Prerequisites: ACCT 212 and MATH 201; Junior status

A study of the financial forms of business organizations, with special attention to the corporation and its advantages and disadvantages; capital stocks and bonds; budgeting; dividend policy; failure and reorganization; financial accounting; and cash flows.

BUSI 321 Money and the Financial System 3 hours
Prerequisite: ECON 214

This course covers the structure and operation of the U.S. and international financial systems, functions of the Federal Reserve, monetary theory, and the impact of monetary policy on financial markets and the economy.

BUSI 322 Managerial Accounting 3 hours
Prerequisite: ACCT 212

Emphasis is upon utilization of cost data in planning and controlling activities. Internal and external data are woven into the planning models. Specific areas are: process job order, standing, functional relationships, and budgeting. Emphasis is placed upon the present value model for capital budgeting and decision making.

BUSI 330 Principles of Marketing 3 hours
Prerequisite: Sophomore status

The study of the system of activities that constitute marketing with emphasis on the principles, policies and strategies utilized to identify and satisfy the needs and wants of consumers. The universal application of marketing in all forms of organizations is stressed.

BUSI 331 Marketing Research 3 hours
Prerequisites: BUSI 330 and MATH 201

Theory and practice of marketing research will be covered with emphasis on development and evaluation of research projects.

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
Prerequisites: BUSI 303 or permission of professor

Introduction to human resource management principles, policies, and practices. Topics include: recruitment, assessment, selection, compensation, motivation, appraisal, development, legal environment, labor relations, employee relations, etc. Emphasis on how managers can deal with and utilize the human resources function.

BUSI 343 Collective Bargaining and Labor Relations 3 hours
Prerequisites: BUSI 303 or permission of professor

Introduction to 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 implications for public policy; and the problem of dealing with labor conflict.

BUSI 360 Contemporary Issues in International Business 3 hours
Prerequisites: BUSI 303 or permission of professor

An introduction to the organizational and operational dynamics of the various global industries and their rapidly growing importance to the world's national economics and governments. Various aspects of the industries will be explored.

BUSI 400 Strategic Planning/ Business Policy 3 hours
Prerequisites: Senior status (at least 90 credits) and completion of all 300-level Business courses

This capstone course for all business majors seeks to integrate the concepts, techniques, and knowledge of all areas of business administration. Its focus is strategic management which is studied in theory and then rigorously applied. This course is designed for final semester seniors.

BUSI 405 Business and Economic Forecasting 3 hours
Prerequisites: MATH 201

This course covers methods of collecting data, discovering data patterns, and selecting appropriate forecasting techniques. Time series and regression forecasting techniques are introduced.

BUSI 409 Non-Profit Management 3 hours
Prerequisites: MATH 201

Management principles and techniques for the administration of a non-profit organization, including churches, charities, hospitals, and government organizations.

BUSI 410 Managerial Economics 3 hours
(Offered on demand only)
Prerequisites: MATH 201, ECON 214

Use of economic theory and decision-making techniques in business management. Economic forecasting, profit management, capital budgeting, cost and demand and pricing theory are covered.

BUSI 411 Operations Management 3 hours
Prerequisites: BUSI 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 and various quantitative management tools are examined and applied.
BUSI 412  Moral Business Leadership: Origins and Outcomes  3 hours
Prerequisite: BUSI 310 or consent of the instructor
An examination of the general field of administration with emphasis given to the synthesis of management, business, and ethical/moral practices throughout history. This broad-ranging course reviews the historical development of administrative theory and how contemporaneous thinking on moral practice, especially Christianity, has shaped economic life in the past and how it can continue to do so in our emerging global society.

BUSI 413  Foundations of Project Management  3 hours
Prerequisite: BUSI 411
This course introduces the student to the field of modern project management and the fundamental processes of initiating, planning, executing, monitoring, controlling and closing projects. Students will learn the inputs and outputs and the tools and techniques of: defining the project, estimating project times and costs, developing project plans, managing risk, scheduling resources and their costs, reducing project duration, progress and performance measurement and evaluation and project closure.

BUSI 414  Project Management I  3 hours
Prerequisite: BUSI 413
This course provides focused instruction in the first five (of nine) project management competencies as delineated in the Project Management Institute’s Body of Knowledge (PMBOK): Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, and Project Quality Management. Students will apply processes to ensure project coordination, plan development processes, project plan execution processes and integrated change control processes.

BUSI 415  Project Management II  3 hours
Prerequisite: BUSI 414
This course provides focused instruction in the final four (of nine) project management competencies as delineated in the Project Management Institute’s Body of Knowledge (PMBOK): Project Human Resource Management, Project Communications Management, Project Risk Management, and Project Procurement Management. The course will provide students with processes to review organizational and human resource structures to develop and manage project teams; identify, analyze, plan for and respond to project risk; identify and acquire goods and services to implement and complete project plans; and, identify stakeholders, plan communications, and distribute information.

BUSI 416  Leading Global Projects  3 hours
Prerequisite: BUSI 415
This course provides instruction in global project management with emphasis on the integration of the interconnected themes of strategic project management, cross-cultural effectiveness, and project leadership.

BUSI 420  Investments  3 hours
Prerequisites: BUSI 320 or consent of instructor
A survey of corporate securities, financial securities, security markets, investment and portfolio analysis and administration. Investment companies, commodity markets and the stock exchange are also examined.

BUSI 421  Employee Benefits/Risk Management  3 hours
This course will enable the student to design an employee benefit plan that encompasses the client’s stated goals and objectives while keeping the plan in compliance with federal regulations.

BUSI 422  Real Estate  3 hours
Prerequisites: BUSI 301 and 320, or consent of instructor
An overview of real estate brokerage, property rights, transfer mechanisms and documents, property evaluation, finance, investments, and property management.

BUSI 430  Promotion Strategy  3 hours
Prerequisite: BUSI 331
This course is open to students who desire to understand the function of Promotion within a company’s Integrated Marketing Communications (IMC) plan. Emphasis is on planning, creating, and evaluating advertising, sales promotion, and publicity strategies to communicate most effectively across the optimum blend of media channels.

BUSI 431  Sales Management and Professional Selling  3 hours
Prerequisites: BUSI 331 and senior status
This course presents each component of the sales cycle in a business-to-business selling environment. Students will master models for initiating sales contacts, identifying and defining prospect’s needs, and presenting and gaining commitment for a proposed solution.

BUSI 433  Marketing Management  3 hours
Prerequisites: BUSI 331 and senior status
Advanced study of the role and responsibilities of marketing executives. Emphasis will include: analysis of marketing opportunities and problems; planning of objectives and strategies; development of organizational structure, policies, implementation, and control; and evaluation of marketing programs.

BUSI 435  Small Business Entrepreneurship  3 hours
Prerequisites: Junior/Senior Status
A practical study in the dynamics of establishing, funding, and managing a small new enterprise, or acquiring an existing business using case studies, practical exercises, and class instruction.

BUSI 436  Marketing in a Virtual World  3 hours
Prerequisite: BUSI 330
Students explore the principles required to successfully practice marketing in the virtual world of social media and electronic commerce between and among businesses and consumers.

BUSI 437  Global Marketing  3 hours
Prerequisite: BUSI 330
This course focuses on the basic theories, concepts, and practices of Marketing in a practical and unique way. This course will delve into: 1) The Culture Environment of Global Markets; 2) Assessing Global Opportunities; 3) Developing Global Marketing Strategies; and 4) Implementing Global Marketing 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.

BUSI 441  Organizational Behavior II  3 hours
Prerequisite: BUSI 340
This course focuses on the study of national, business, and personal productivity from a socio-technical perspective.

BUSI 443  Workforce Planning and Employment  3 hours
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.

BUSI 460 Advanced Financial Management 3 hours
(Offered spring semester)
Prerequisites: Senior status and BUSI 320, 322, and 420. Instructor’s permission required.
Advanced financial management course for those concentrating in the field of finance. The coursework will provide the student a framework for analyzing the financial structure of various organizations, identifying problem or opportunity areas, investigating alternative solutions to such problems or opportunities, and recommending carefully reasoned solutions.

BUSI 464 International Market Integration and Trade Agreements 3 hours
Prerequisite: BUSI 303 or permission of professor
This course examines market and economic integration among countries, including the European Union, the North American Free Trade Agreement, Asia-Pacific Economic Cooperation, Association of Southeast Asian Nations and others. Major emerging market economies will also be surveyed, along with the challenges and opportunities these present to the international business firm.

BUSI 465 Export Management Strategy 3 hours
Prerequisite: BUSI 303 or permission of professor
An overview of international trade theories, policies, instruments and documents that affect the success of U.S. exports. Students are introduced to various resources, private organizations, and government agencies designed to facilitate American export businesses. The tools and methods for establishing a small export business model are examined.

BUSI 472 Organizational Ethics 3 hours
An analysis of the foundation of ethical behavior in business, including an introduction to social graces and the importance of professional image. Emphasis is placed on a comparison between Judeo-Christian and secular ethical paradigms.

BUSI 490 Capstone: Human Resource and Marketing 3 hours
Prerequisite: Senior status; should be taken in the last semester of coursework
This course serves as the capstone for all business administration majors. Students integrate the concepts, techniques, and knowledge of the common professional components (CPC) of business administration with the more advanced Human Resource Management and Marketing concentrations area of study. Course topics include a review of the CPC, strategic management theory/practices, and business analysis tools.

BUSI 491 Capstone: Economics and Finance 3 hours
Prerequisite: Senior status; should be taken in the last semester of coursework
This course serves as the capstone for all business administration majors. Students integrate the concepts, techniques, and knowledge of the common professional components (CPC) of business administration with the more advanced Economics and Finance concentrations area of study. Course topics include a review of the CPC, strategic management theory/practices, and business analysis tools.

BUSI 492 Capstone: International Business and Project Management 3 hours
Prerequisite: Senior status; should be taken in the last semester of coursework
This course serves as the capstone for all business administration majors. Students integrate the concepts, techniques, and knowledge of the common professional components (CPC) of business administration with the more advanced International Business and Project Management concentrations area of study. Course topics include a review of the CPC, strategic management theory/practices, and business analysis tools.

BUSI 495 Directed Research 1 to 3 hours
Prerequisites: Written permission of the chairman of the department in area of concentration and consent of instructor
Designed to encourage students to broaden their understanding of contemporary business and to give them an opportunity to propose, conduct and report a major piece of individual research in his area of specialization.

BUSI 497 Special Topics in Business 1 to 3 hours
Topics will vary and are offered on demand. Course may be repeated for credit when topics differ.

BUSI 499 Business Internship 1 to 6 hours
Prerequisites: Junior or Senior status and required GPA
A selected directed practical work experience under the supervision of the Director of the Business Internship program and a business manager/professional in the student’s area of career interest. Application procedures processed through the Career Center. Must apply semester prior to completing internship.

CARPENTRY

CARP 101 Foundations in Carpentry 4 hours
Prerequisites: CRFT 101
Foundations in Carpentry is a practical course combining lecture and hands-on instruction. Topics addressed include: Orientation to the Trade; Building Materials, Fasteners, and Adhesives; Hand and Power Tools; Reading Plans and Elevations; Floor Systems; Wall and Ceiling Framing; Roof Framing; Introduction to Concrete, Reinforcing Materials and Forms; Windows and Exterior Doors; Basic Stair Layout.

CARP 201 Intermediate Carpentry 4 hours
Prerequisites: CARP 101
Intermediate Carpentry is a practical course combining lecture and hands-on instruction. Topics include: Commercial Drawings; Roofing Applications; Thermal and Moisture Protection; Exterior Finishing; Cold-Formed Steel Framing; Drywall Installation; Drywall Finishing; Doors and Door Hardware; Suspended Ceilings; Window, Door, Floor and Ceiling Trim; Cabinet Installation; Cabinet Fabrication.

CARP 301 Advanced Carpentry 4 hours
Prerequisites: CARP 201
Advanced Carpentry is a practical course combining lecture and hands-on instruction. Topics include: Rigging Equipment; Rigging Practices; Properties of Concrete; Reinforcing Concrete; Handling and Placing Concrete; Trenching and Excavating; Foundations and Slab-on-Grade; Vertical Framework; Horizontal Framework; Tilt-Up Wall Panels.

CARP 401 Special Topics in Carpentry 4 hours
Prerequisites: CARP 301
Special Topics in Carpentry is a practical course combining lecture and hands-on instruction. Topics include: Site Layout One-Distance Measurement and Leveling; Site Layout Two-Angular Measurement; Advanced Roof Systems; Advanced Wall Systems; Advanced Stair Systems; Introduction to Light Equipment; Welding; Commercial Finish Work; Site Preparation; Introductory Skills for the Crew Leader.
CHEM 121  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  
dissent 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

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

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

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

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 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 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 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 WMIN 220, CHMN 387, and WMIN 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 woman’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.

**CINEMATIC ARTS**

CINE 202  *Introduction to Motion Picture Directing*  3 hours  
This is a methods course intended to provide instruction in the fundamentals of motion picture directing. Analyzing scripts, adjusting actor performance and director responsibility in the workplace will be discussed.

CINE 203  *Introduction to Cinematography*  3 hours  
This is a methods course intended to provide instruction in the fundamentals of visual storytelling.

CINE 204  *Guerilla Filmmaking*  3 hours  
Students will learn the concepts of producing low-budget professional independent films from license and rights to distribution.

CINE 305  *Editing*  3 hours  
Prerequisites: COMS 323, CINE 202, 203; Program Director waiver, if needed  
Study techniques and aesthetics of storytelling through Post-production. These techniques will address both the visual and audio process, as well as the tools that make it possible.

CINE 306  *Acting Fundamentals for Camera*  3 hours  
The study of the profession of film acting and the film industry’s expectations of the actor and director.

CINE 350  *Thesis Film Production*  6 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 352, THEA 320, COMS 333, HUMN 301  
Study techniques to translate written scripts into visual storytelling by making a short film using High Definition equipment. Storytelling techniques employed will encompass the fundamental technical understanding of working with digital camera, lenses, lighting, sound, hair/make up, wardrobe, and production design.

CINE 352  *Alternative Distribution Analysis*  3 hours  
Prerequisites: COMS 323, CINE 202, 203; Program Director waiver, if needed  
This course is designed to teach students how the full scope of the entertainment industry: film, animation, television, and games converge to bring products to market within a broad scope of diverse delivery platforms. Emerging industry trends will also be addressed.

CINE 353  *Feature Screenwriting*  3 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 352, THEA 320, COMS 333, HUMN 301  
Write character-driven plots, while insuring that what is written translates to the screen as intended. Students will understand the business of writing while learning to write, edit, develop characters, and pitch the resulting screenplay.

CINE 400  *Feature Pre-Production*  6 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 352, 353, 354, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301  
Students will produce a long-format movie as a class by first gaining the understanding about how departments interface within their respective duties in order to bring the project to the production phase of moviemaking.

CINE 402  *Feature Production*  6 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353, 354, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301  
Through the production of a long-format film, students, working on a class project will be immersed in the understanding of leading and crewing narratives and documentaries, as these films incorporate increasingly advanced technical demands, and sophisticated production.

CINE 451  *Post-Production*  4 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301, 435  
Retell the story in the post-production process by evaluating the potential of an entertainment property of a film within a market in order to ensure maximum exposure.

CINE 452  *Post Visual Effects*  3 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301, 435  
Visual Effects (VFX) are any effects digitally created or enhanced for a movie, TV, or video game production. Learn how to keep the audience focused on the story through well executed VFX making the impossible appear real.

CINE 453  *Feature Distribution and Marketing*  3 hours  
Prerequisites: COMS 323, CINE 202, 203, 305, 350, 352, 353, 400, 402, THEA 320, COMS 333, 345, HUMN 301, BUSI 301, 435  
Study all major facets of the entertainment industry, from core business strategies to the artistic principles that drive the creation of new intellectual properties. Also studied are the economic models that determine whether projects get launched and the technology used to bring projects to fruition.

CINE 497  *Special Topics Workshops in Cinema*  1 to 3 hours  
Workshops in digital film production processes and techniques. Analysis of successful and unsuccessful production methods. Professional relationships and networking.

CINE 499  *Cinema Internship*  3 to 9 hours  
Prerequisites: Student must have a GPA of 3.00; have completed specific degree requirements as required by the program, have completed the internship application process and have prior approval from the Program Executive Director.  
Supervised field experience within the Film Industry, corporations, government agencies, schools and community organizations to expand career interests and apply subject knowledge relevant to the workplace. Individualized internship placements to develop personal and professional skills, including professional ethics, leadership, and civic responsibility.  
Application procedures processed through the Career Center. Must apply semester prior to completing internship.

**CRIMINAL JUSTICE**

CJUS 200  *Introduction to Criminal Justice*  3 hours  
Prerequisite for all other CJUS courses  
An introductory course covering an overview of the whole criminal justice system in America, including discussion of law enforcement generally, the court systems, correctional organizations, the history of law enforcement in the U.S. and some other nations, and the ethics and philosophy of criminal justice generally.

CJUS 230  *Criminal Justice Research and Writing*  3 hours  
Prerequisite for all other CJUS courses; recommended to be taken concurrently with CJUS 200  
This course is an introductory course to research in the social sciences, both in traditional and online venues. It covers plagiarism,
APA formatting, case briefing, academic writing, formal reporting, and memoranda. A major research paper is required.

**CJUS 299 Internship**
0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Application procedures processed through the Career Center.
Must apply semester prior to internship.

**CJUS 300 Administration of Justice Organizations**
3 hours
This course is designed to familiarize the student with the theoretical and practical management perspectives embraced by the America criminal justice system. This will include nature of criminal justice organizations, individual and group behavior within those organizations, processes inherent in those organizations, and areas of criminal justice reform from a Christian perspective.

**CJUS 310 Juvenile Justice**
3 hours
This course is designed to provide an in-depth study of the juvenile justice system in the United States. The student will study the general principles of juvenile delinquency, overview of the juvenile criminal justice system, theories of delinquency, and other issues dealing with juveniles in the justice system.

**CJUS 320 Corrections**
3 hours
This course is designed to familiarize the student with the criminal correctional system in the United States. The student will review the history of corrections and procedural, statutory, and case law of American correction.

**CJUS 330 Judicial Process**
3 hours
This course is designed to increase the understanding of the criminal judicial process in the United States. It includes a study of the functioning of courts, judges, lawyers and law enforcement agencies, including judicial decision-making and the impact of court decisions on the American Republic.

**CJUS 340 Criminology**
3 hours
This course is designed to examine theories regarding the nature and cause of criminal behavior and society’s response. It approaches crime from a philosophical, psychological, and sociological perspective. Most importantly, this course strives to integrate a theological, perspective to crime and punishment. (Formerly CJUS 210).

**CJUS 350 Criminal Justice Ethics**
3 hours
This course is designed to build upon the biblical foundations students should have developed from other courses (such as BIBL 105/110 and THEO 200/201) and enhance foundational ethical considerations into more developed and practical notions of right behavior within the realm of criminal justice praxis.

**CJUS 400 Criminal Law**
3 hours
Prerequisites: CJUS 200 and 230 or GOVT 200 and 346
This course is designed provide an overview of the legal elements that apply to criminal law, procedure, and evidence, including proof, intent, conspiracy, classifications of crimes and related punishments, culpable mental states, defenses, rules of evidence (including the exclusionary rule), and rights and procedures in the gathering of evidence.

**CJUS 410 Constitutional Criminal Procedure**
3 hours
This course is designed to study the constitutional provisions and Supreme Court decisions affecting law enforcement procedure, including due process of law generally, arrest, charges, right to counsel, search and seizure, identification, bail, trial and post-trial proceedings, and post-conviction appeals. The course also investigates civil liability for acts of law enforcement personnel.

**CJUS 420 Criminal Investigations I**
3 hours
(Offers 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.

**CLST 100 Foundations for Academic Success**
3 hours
This course is designed to assist students in their academic adjustment to college. There is a focus on learning and application of study strategies and self-management skills. In addition, emphasis is placed on community and accountability which provide the foundation for academic success.

**CLST 101 College Learning Strategies**
1 hour
This course is designed to equip students with the study strategies necessary for success at the college level. It teaches self-management skills such as organization and time management, as well as learning strategies including memory and test-taking. Students are also encouraged to discover their individual learning styles, while incorporating practical application techniques.

**CLST 102 College Reading Improvement**
1 hour
This course is designed to teach students the essential reading skills necessary to improve their ability to comprehend the material contained in college textbooks. Topics include analytical reading, critical reading, and vocabulary development.

**CLST 103 Individualized Laboratory Reading and Study Strategies**
1 hour
This course is an individualized program in reading and study strategies based on students’ goals and assessed needs. The varied curriculum focuses on academic, personal, and/or spiritual domains. It is delivered in a lab format with faculty/student interaction.

**CLST 104 College Transition and Study**
3 hours
This summer program is designed to equip students with the knowledge and study skills necessary for successful transition to a Christian university setting, while facilitating academic, spiritual, and social development. Interaction between faculty and students establishes high academic expectation and encourages connection to community and university life. Neither CLST 100 nor 101 may be taken for credit if a student has already completed CLST 104.
CLST 105 Strategies for the Application of College Learning Skills 1 hour

No Prerequisite for this course

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

CLST 301 Advanced Reading/Vocabulary Development 1 hour

This course focuses on building personal/professional vocabularies and accelerating reading speed/comprehension. Higher level critical reading skills are developed for upper-level and graduate courses.

COMMUNICATION STUDIES

COMS 101 Speech Communication 3 hours

Study and practice in communicating ideas competently in public speaking. Students are also given a foundation for development of communication skills in other human communication contexts, including dyadic and small group communication.

COMS 110 Introduction to Mass Communication 3 hours

An overview of the role of print and electronic media in the dissemination of information to a mass audience.

COMS 210 Communication Perspectives 3 hours

Prerequisite: COMS 101

As a broad-based introduction to communication theory, this course surveys scientific and interpretative approaches to the study, analysis, and explanation of communication within a variety of contexts.

COMS 220 Mass Communication Writing 3 hours

Prerequisites: COMS 110 and a grade of “C” or better in ENGL 101 or advanced standing on the English placement test.

This course provides a survey of mass communication media formats and writing techniques from news for print and broadcast, to advertising and public relations. The course is designed to enhance the appreciation of the mass communication professional as well as provide an understanding of the basic techniques used by the professional to inform and/or persuade audiences. Students will write news stories, produce copy for broadcast news, create an advertising package, and develop a public service announcement.

COMS 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 224 Fundamentals of Audio Production 3 hours

Prerequisites: COMS 110, 220

This course will introduce the fundamentals of training in digital production, audio console operation, use of digital recorders and microphones, DAW editing and program formats.

COMS 225 Fundamentals of Video Production 3 hours

Prerequisites: COMS 110, 220

This course will introduce the fundamentals of training in digital video production, editing, software operation, use of cameras, lighting, and microphones.

COMS 234 Copy Editing 3 hours

Prerequisites: COMS 110 and completion of COMS 220 with a grade of “C” or better

A writing course that emphasizes advanced grammar skills, copy editing, and proofreading, as well as reporting and headline writing, tease and tag writing, legal and ethical considerations, and minimal attention to layout and design.

COMS 226 Argumentation 3 hours

Prerequisite: COMS 101

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

(Offers 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 pronounciation 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

(Offers 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

(Offers 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

(Offers fall semester)

Prerequisites: COMS 110, 220, and 223

Intensive, practical experience in planning, coordinating, directing and producing various audio productions for broadcast.

COMS 335 Argumentation 3 hours

Prerequisite: COMS 101

Study and practice of principles of analysis, reasoning, evidence, organization and speaking needed to logically demonstrate and defend a position before an audience.
COMS 345  **Persuasion**  3 hours  
Prerequisite: COMS 101  
(Offered spring semester)  
Analysis and practice of techniques used to change attitudes, beliefs, and behavior in various communication contexts.  

COMS 346  **Advertising Copywriting and Design**  3 hours  
Prerequisites: COMS 110, 220, 307, ARTS 222  
An introduction to advertising writing techniques for commercial, public service and direct marketing organizations with experience in various types of electronic and print media. Portfolio preparation.  

COMS 354  **News Writing**  3 hours  
(Offered fall semester)  
Prerequisites: COMS 110, 220, and 234  
The study and practice of news story preparation, including a step-by-step breakdown of each stage of story development for both print and electronic media. The student will concentrate on learning to write reporting style, which is different from expository writing. The student will develop responsibility for the accuracy and clarity of the work from gathering the information to assembling it into an article intended to inform and perhaps persuade.  

COMS 355  **Organizational Communication**  3 hours  
(Offered spring semester)  
Prerequisite: COMS 101  
A theoretical overview of communication functions and issues in a variety of contexts within organizations. Study and development of effective communication skills within the challenging, diverse workplace, and other organizational settings.  

COMS 356  **Direct Marketing Communication**  3 hours  
(Offered spring semester)  
Prerequisites: COMS 110, 220, and 307  
A study of the principles and strategies of direct and interactive marketing communication, including the writing and design of direct mail, telemarketing scripts, direct-response advertising, and digital media.  

COMS 357  **Public Relations Writing**  3 hours  
Prerequisites: COMS 110, 220, 234, 307; ARTS 222, 340  
This course builds upon the news writing techniques taught in COMS 220 and COMS 234 and the principles of advertising and public relations taught in COMS 307, while orienting the student toward the types of written products generated by public relations professionals. This advanced course will refine a student’s writing skills while playing close attention to the various formats such as press releases, media advisories, crisis plans, press kits, etc.  

COMS 360  **Professional Communication**  3 hours  
Prerequisite: COMS 101  
This course will integrate principles of persuasive and informative speaking into professional contexts and will integrate written and oral communication through the preparation and delivery of formal presentation, both individually and corporately. The course emphasizes various types of presentations, and organizational communication functioning.  

COMS 365  **Worship Leadership as an Art of Communication**  3 hours  
(Offered spring semester)  
The contemporary worship leader occupies a unique role in the local church and faces several challenges requiring successful communication. This course prepares the leader to meet such challenges through training in the practical arts and theories of communication. Students learn how relevant areas within interpersonal, interpersonal, small group, organizational, and public communication theory ought to be combined into a comprehensive art of worship leadership as they serve and guide others who aspire to worship God in spirit and truth. A special emphasis is placed upon connecting issues of tradition and innovation to the communication practices of today’s worship leader.  

COMS 367  **Public Relations Strategies**  3 hours  
Prerequisites: COMS 110, 220, 234, 307, 357; ARTS 222, 340  
A comprehensive study of public relations strategy, decision-making and program planning featuring a case-study approach to learning.  

COMS 369  **Chronicle of Motion Pictures and Television**  3 hours  
Prerequisites: Senior status and permission of instructor  
The historical development and convergence of motion pictures and television, from their simultaneous origins in the 1890s through the new millennium.  

COMS 373  **Editorial and Opinion Writing**  3 hours  
(Offered fall semester)  
Prerequisites: COMS 110, 220 and completion of COMS 234 with a grade of C or better  
A study in presenting opinions in a persuasive manner through research and writing. Students will develop skills to produce a commentary on contemporary issues that inform, persuade and change attitudes and actions.  

COMS 374  **Magazine Writing and Editing**  3 hours  
(Offered spring semester)  
Prerequisites: COMS 110, 220, and 234  
An advanced magazine writing course focusing on writing and selling full-length magazine articles with additional emphasis on magazine article editing and knowledge of the marketplace.  

**NOTE:** Although 1 credit per semester, students need 3 hours of a COMS practicum.  

COMS 385  **Avid Editing Practicum**  1 hour  
This course provides practical hands-on experience in the area of editing, specifically Avid editing. Students will gain experience in various styles and types of editing and production skills, as well as practical experiences in editing various types of projects.  

COMS 386  **Video Production Practicum**  1 hour  
(As part of the Liberty University digital media program)  
Prerequisite: COMS 110, 220, 473  
Implemented to accommodate the Chancellor’s desire that students be produced by Liberty University digital media students in the COMS 473 TV News Production course. An opportunity for students to gain practical experience in using the theoretical knowledge gained in other Communication Studies classes.  

COMS 387  **Forensic Practicum**  1 hour  
Introduction, theory, training, and instruction necessary to develop speech performance skills required for success on a competitive forensic speaking team. Students participate in multiple intercollegiate speaking events on campus and at other schools. Emphasis is on individual speaking events including platform, limited preparation, and oral interpretation events. Students must attend weekly coaching sessions and travel or present their work on a regular basis to receive credit. These credits may be repeated.  

COMS 388  **King’s Players Practicum**  1 hour  
Prerequisite: ARTS 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.
COURSES OF INSTRUCTION – RESIDENT PROGRAMS

COMS 390  Champion Practicum  1 hour
Prerequisites: COMS 110 and 220
This course provides opportunities to apply what has been explored in the classroom through the operation of The Liberty Champion, our Liberty University student-run newspaper. Practicum is designed to enhance those acquired skills and knowledge and provide the student with the opportunity to build a portfolio for employment. (Ad/PR students should request a sales assignment.)

COMS 391  Champion Advertising Design Practicum  1 hour
Prerequisites: ARTS 222, either ARTS 332, 340 or 341, and ARTS 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 Practicum  1 hour
One hour of credit is available each semester to members competing on the extracurricular forensics team. Competition may be in debate or individual events. Students must attend weekly practice sessions and travel on a regular basis to receive credit. These credits may be repeated, but will not count toward a Speech concentration or minor.

COMS 396  Radio (90.9 The Light) and TV (Channel 19)  1 hour
Advertising Sales Practicum
Prerequisite: COMS 220
A practical hands-on experience in raising support for noncommercial radio and TV through sales.

COMS 397  Advertising/PR Agency Practicum  1 hour
Prerequisites: COMS 110, 220, 307, ARTS 222 and either 340 or the set of ARTS 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 Administration with the Marketing Cognate or to Sport Management majors. Students will work in support of the Advertising and Public Relations agency operated in the Department of Communication Studies under the wing of the Advertising/PR concentration. Students must enroll in this class if they plan to compete in Ad Team or Public Relations Student Society of America (PRSSA) contests. This practicum gives students the experience needed prior to getting an internship or a job in advertising or public relations or marketing or management.

COMS 398  Scriptwriting for Visual Media Practicum  1 hour
Prerequisites: COMS 110, 220 and 323
Practicum in writing for visual media. Different genres will be addressed from semester to semester.

COMS 399  Ad Team  1 hour
Prerequisite: Permission of the instructor

COMS 454  Radio News Production  3 hours
Prerequisites: COMS 101, 110, 220, and 324
A study of the theory and practice of writing and preparing news copy and packages for radio broadcast. Students will write and produce regular newscasts for 90.9 FM.

COMS 455  Communication Theory  3 hours
(Offered fall semester)
Prerequisites: COMS 101 and 210
A study of modern theories of communication with application to various contexts of speech communication.

COMS 464  Media Applications  3 hours
This integrated studies course is for non-COMS majors or for Communication Studies majors who are not going to take COMS 472. This course is a practical study of the preparation of visual media: basic digital presentation tools, basic web design, and/or interactive multi-media. Students will develop the ability to research, analyze, and evaluate visual communication methods and to integrate technology within traditional disciplines.

COMS 465  Rhetorical Theory  3 hours
(Offered spring semester)
Prerequisites: COMS 101 and 210
A historical survey and study of rhetorical theory in the past and present. Attention is given to Greek and Roman rhetorical theory, theories prevalent in the Middle Ages and Renaissance, and modern rhetorical theory.

COMS 473  TV News Production  3 hours
Prerequisites: 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.

COMS 474  Advanced Audio Production  3 hours
(Offered spring semester)
Prerequisites: COMS 101, 110, 220, 324 and 334
Writing and production of dramatic and documentary programs for radio and Internet distribution. Portfolio development.

COMS 475  Criticism of Public Address  3 hours
(Offered fall semester)
Prerequisites: COMS 101 and 210
The investigation of public address through historical and rhetorical critical methods. Focus on the development of competent critics through oral and written presentations.

COMS 482  Specialized Publications  3 hours
(Offered spring semester)
Prerequisites: COMS 110, 220, 234, 354; ARTS 222, 340
A hands-on approach that allows students to experience the print publication process from the development of an idea through distribution. Students will be responsible for creating the content and design of a publication. Publication management principles will be studied including the costs of publishing, employee relations, logistics of deadlines and distribution, advertising and subscriptions. Portfolio preparation.

COMS 483  Advanced Video Production  3 hours
(Offered spring semester)
Prerequisites: COMS 110, 220, 223, 322, and 333
Writing and production of dramatic and documentary programs for television and Internet distribution. Portfolio development.
COMS 484 Communication Law and Ethics 3 hours
Prerequisites: Junior status and ENGL 101
A study of the historical development and present status of U.S. Communication law and FCC regulations as well as contemporary codes of media ethics.

COMS 485 Investigative Reporting 3 hours
(Offered spring semester)
Prerequisites: COMS 110, 220, 234, and 354
An in-depth study of research, story development, interview techniques and writing for investigative stories in mass media. Critical thinking and analysis will be developed as students review court documents and interview witnesses of cases and seek to evaluate the evidence. Research will be developed into a news story.

COMS 486 Media Bias 3 hours
An examination of manipulation and bias in mainstream American media. This course provides students with the New Media exposure necessary to combat the social engineering of mainstream journalism, thereby contributing to a more vibrant and balance national dialogue.

COMS 488 Survey of Media Business Practices 3 hours
(Offered spring semester)
Prerequisite: Senior status
This course is designed to give the student an understanding of the many tasks and duties involved in a media production or delivery business. This will be accomplished via lectures, discussion, individual case study assignments, and, if possible, guest lecturers.

COMS 489 Communication Campaigns 3 hours
Prerequisites: COMS 110, 220, 234, 307, and either 346 and 356, or 357 and 367; ARTS 222, 340, or permission from the instructor.
An in-depth study of the research, planning, development and message creation for complete multi-media communications campaigns, integrating all marketing promotion techniques including advertising, public relations, direct marketing and sales promotions.

COMS 490 Crisis Communication 3 hours
Prerequisite: Senior status
This course will examine modern crisis communication, and provide the students with exposure to and practice in organizational communication, gathering information and providing analysis, and oral and written communication skills, essential for handling crisis situations.

COMS 495 Directed Research 1-3 hours
Prerequisite: As determined by the instructor

COMS 496 Workshop in Communication 1-3 hours
Prerequisite: As determined by the instructor

COMS 497 Special Topics in Communication Studies 3 hours
Topics of special interest not included in the regular department offerings. May be taken more than once, but no topic may be repeated.

COMS 498 Senior Portfolio 3 hours
Prerequisites: Senior status and permission of instructor
An intensive individual research or production project in which the graduating senior can best showcase his or her competence in the field of electronic media.

COMS 499 Internship 1-6 hours
Prerequisites: Junior or Senior status and required GPA. 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.

CRAFT SKILLS
CRFT 101 Introduction to Craft Skills 3 hours
Introduction to Craft Skills serves as the orientation and foundation for each technical studies specialization. Topics addressed include introductions to: Safety, Construction Math, Hand Tools, Power Tools, Construction Drawings, Communication Skills, Employability Skills and Materials Handling. This course serves as a prerequisite and can be taken concurrently with all technical studies foundation courses.

CREATION STUDIES
CRST 290 History of Life 2 or 3 hours
Prerequisite: A college science course
An interdisciplinary study of the origin and history of life in the universe. Faculty of the Center for Creation Studies will draw from science, religion, history, and philosophy in presenting the evidence and arguments for creation and evolution. This course is required for all Liberty students. The online course is 3 semester hours credit.

CRST 390 Origins 3 hours
Prerequisite: BIOL 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
Prerequisite: MATH 121 or higher, or placement via SAT/ACT/Math Assessment II score
A breadth-first introduction to the computing disciplines, with an emphasis on computer ethics and how computing technology impacts the world. Topics include: computing history; discrete mathematics; computer architecture and organization; algorithm design; languages; compilers; operating systems; applications; networks; databases; intellectual property; privacy; free speech; social consequences; computer crime; and codes of conduct.

CSCI 111 Introduction to Programming 3 hours
Prerequisite: CSCI 110/ENGR 110, minimum grade of “C”; CSCI 110/ENGR 110 can be taken concurrently with CSCI 111
Introduction to structured programming and algorithms with an object-oriented language. Topics include input/output, flow of control, functions, and an introduction to software engineering. Programming assignments are required.

CSCI 112 Advanced Programming 3 hours
Prerequisite: CSCI 111 with a minimum grade of “C”
Continuation of CSCI 111. Further development of discipline in program design, especially for larger programs. Introduction of pointers, simple data structures, recursion, internal sort/search methods. Programming assignments are required.

CSCI 215 Algorithms and Data Structures 3 hours
Prerequisite: CSCI 112 with a minimum grade of “C”
Study of data structures such as linked lists, stacks, queues, trees, and graphs. Algorithms for manipulating such structures will be introduced and analyzed. Static and dynamic memory allocation. Access methods for sorting/searching, such as hashing and tree searching.

CSCI 244 Assembly Language 3 hours
Prerequisite: Knowledge of one high-level language or CSCI 111 with a minimum grade of “C”
A detailed development of the tools and techniques of assembly language on a particular computing system. Several programming assignments are required.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 299</td>
<td>Internship</td>
<td>0 hours</td>
<td>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.</td>
</tr>
<tr>
<td>CSCI 325</td>
<td>Database Management Systems</td>
<td>3 hours</td>
<td>CSCI 215 with a minimum grade of “C”; MATH 250 and MATH 211 (can be concurrent)</td>
</tr>
<tr>
<td>CSCI 340</td>
<td>Studies in Information Security</td>
<td>3 hours</td>
<td>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.</td>
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<tr>
<td>BMIS 340</td>
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<tr>
<td>CSCI 342</td>
<td>Computer Architecture and Organization</td>
<td>3 hours</td>
<td>CSCI 215 with minimum grade of “C” and MATH 250</td>
</tr>
<tr>
<td>CSCI 345</td>
<td>Intro to Unix</td>
<td>3 hours</td>
<td>CSCI 112 or BMIS 212 with a minimum grade of “C”</td>
</tr>
<tr>
<td>CSCI 355</td>
<td>Computer Network Architecture and Programming</td>
<td>3 hours</td>
<td>CSCI 215 with a minimum grade of “C”</td>
</tr>
<tr>
<td>CSCI 434</td>
<td>Theory of Programming Languages</td>
<td>3 hours</td>
<td>CSCI 215 with a minimum grade of “C”</td>
</tr>
<tr>
<td>CSCI 443</td>
<td>Operating Systems</td>
<td>3 hours</td>
<td>CSCI 342 with a minimum grade of “C”</td>
</tr>
<tr>
<td>CSCI 465</td>
<td>Technical Aspects of Information Security</td>
<td>3 hours</td>
<td>CSCI 355 and 443 with minimum grades of “C”</td>
</tr>
<tr>
<td>CSCI 466</td>
<td>Modern Cryptography</td>
<td>3 hours</td>
<td>CSCI 215 with a minimum grade of “C” and one upper-level MATH or approval of instructor</td>
</tr>
<tr>
<td>CSCI 481</td>
<td>Software Engineering</td>
<td>3 hours</td>
<td>CSCI 215 with a minimum grade of “C” and Senior Status</td>
</tr>
<tr>
<td>CSCI 495</td>
<td>Directed Research</td>
<td>1 to 3 hours</td>
<td>CSCI 215 with a minimum grade of “C” and permission of instructor</td>
</tr>
<tr>
<td>CSCI 497</td>
<td>Special Topics in Computer Science</td>
<td>3 hours</td>
<td>CSCI 215 with a minimum grade of “C” and permission of instructor</td>
</tr>
<tr>
<td>CSCI 499</td>
<td>Computer Science Internship</td>
<td>1 to 6 hours</td>
<td>CSCI 215 with a minimum grade of “C” and permission of Faculty Intern Advisor. Application procedures processed through the Career Center. Must apply semester prior to completing internship.</td>
</tr>
<tr>
<td>CSPA 101</td>
<td>Conversational Spanish I</td>
<td>3 hours</td>
<td>implemented in Fall 2012)</td>
</tr>
<tr>
<td>CSPA 102</td>
<td>Conversational Spanish II</td>
<td>3 hours</td>
<td>CSPA 101</td>
</tr>
<tr>
<td>CSPA 103</td>
<td>Conversational Spanish III</td>
<td>3 hours</td>
<td>CSPA 102</td>
</tr>
<tr>
<td>CSPA 104</td>
<td>Conversational Spanish IV</td>
<td>3 hours</td>
<td>CSPA 103</td>
</tr>
<tr>
<td>CSPA 105</td>
<td>Conversational Spanish V</td>
<td>3 hours</td>
<td>CSPA 104</td>
</tr>
<tr>
<td>ECON 110</td>
<td>Survey of Economics</td>
<td>3 hours</td>
<td>A survey of general economic principles and concepts for non-business majors. Presents an overview of theories and applications in microeconomics and macroeconomics. Market economic system is introduced and comparison with other economic systems are provided.</td>
</tr>
<tr>
<td>ECON 213</td>
<td>Principles of Microeconomics</td>
<td>3 hours</td>
<td>Free market thought will be evaluated from the Christian perspective. The supply and demand model is used to analyze</td>
</tr>
</tbody>
</table>
microeconomic issues including market structures, government regulations, labor market, financial market, and international trade.

ECON 214  Principles of Macroeconomics  3 hours
The aggregate supply and demand model is used to analyze macroeconomic problems including business cycles, unemployment, and inflation. Government fiscal and monetary policies that may stabilize the economy are introduced and evaluated. The U.S. financial system and the value of U.S. dollar in the foreign exchange market are covered.

ECON 495  Directed Research  1 to 3 hours
ECON 497  Special Topics in Economics  1 to 3 hours

SPECIAL EDUCATION

EDSP 323  Current Trends in Special Education  2 hours
Prerequisites: EDUC 220 or PSYC 345; to be taken concurrently with EDSP 324 or 325
This course is designed to expose teacher candidates to a variety of special education related topics including: legal/ethical issues, documentation procedures, development of Individual Education Plan (IEP), models of service delivery, and collaboration. (Formerly EDSP 423)

EDSP 324  Current Trends in Special Education Practicum  1 hour
Prerequisites: EDUC 220 or PSYC 345; to be taken concurrently with EDSP 323
Field experience to be completed in special education classroom setting. (Formerly EDSP 424)

EDSP 325  Current Trends; Community Practicum  1 hour
Prerequisites: EDUC 220 or PSYC 345; to be taken concurrently with EDSP 323
Field experience to be completed in special education community setting. (Formerly EDSP 425)

EDSP 363  Collaboration in Special Education  2 hours
Prerequisites: EDUC 220 or PSYC 345; EDSP 323 (can be taken concurrently) to be taken concurrently with EDSP 364 or 365
This course will prepare special educators for planning with general educators for determining strategies that promote successful integration of children with disabilities into the general classroom.

EDSP 364  Collaboration in Special Education Practicum  1 hour
Prerequisites: EDUC 220 or PSYC 345; EDSP 323 (can be taken concurrently) to be taken concurrently with EDSP 363
Field experience to be completed in classroom setting of students with learning disabilities and emotional disorders.

EDSP 365  Collaboration in Special Education Community Practicum  1 hour
Prerequisites: EDUC 220 or PSYC 345; EDSP 323 (can be taken concurrently); to be taken concurrently with EDSP 363
Field experience to be completed in special education community setting of individuals with learning disabilities and emotional disorders.

EDSP 413  Inclusive Classrooms  2 hours
Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 414 or 415
Teacher candidates will apply intervention strategies for adapting curriculum materials and methods to fit individual needs in various school settings. Focus will be on differentiating instruction for students with mild and moderate disabilities.

EDSP 414  Inclusive Classrooms Practicum  1 hour
Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 413
Field experience to be completed in special education classroom setting.

EDSP 415  Inclusive Classrooms Community Practicum  1 hour
Prerequisites: PSYC 345; EDUC 225; EDSP 323; to be taken concurrently with EDSP 413
Field experience to be completed in a special education community setting.

EDSP 473  Transition Planning  2 hours
Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 474 or 475
This course prepares special educators to work with families to provide successful student transitions throughout the educational experience focusing on educational issues, independent living preparation, community living skills and vocational preparation. Current methods and tools will be covered. (Formerly EDSP 373)

EDSP 474  Transition Planning Practicum  1 hour
Prerequisites: PSYC 345 or EDUC 225; EDSP 323; to be taken concurrently with EDSP 473
Field experience to be completed in classroom setting of students with mental retardation (MR). There will be an examination of IEP development for individuals who are MR. (Formerly EDSP 374)

EDSP 475  Transition Planning Community Practicum  1 hour
Prerequisites: PSYC 345; EDUC 225; EDSP 323; to be taken concurrently with EDSP 473
Field experience to be completed in a special education community setting. (Formerly EDSP 375)

EDSP 495  Directed Research in Special Education  1 to 3 hours
EDSP 497  Topics in Special Education  1 to 3 hours

EDUCATION

EDUC 125  Introduction to Education  1 hour
The teacher candidate will be acquainted with the role of public and private education and the nature of the teaching profession. Attention will be given to current developments in the field of education and the terminology basic to those in the profession. Each teacher candidate will be required to prepare for structured observations in the school setting. Students will apply to the Teacher Licensure Program.

EDUC 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
COURSES OF INSTRUCTION – RESIDENT PROGRAMS

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: 2 hours
Elementary
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: 2 hours
Secondary
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, phonic, 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
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 425  Secondary Measurement and Evaluation  3 hours
Prerequisite: Admission to Teacher Licensure Program; EDUC 235/236
This course is designed to acquaint teacher candidates with the basic principles and practices of student assessment through the use of standardized tests and teacher-made tests. Simple statistical treatments of both types of tests are included. Evaluation of instructional objectives is also stressed.

EDUC 435  Secondary Curriculum Fundamentals  2 hours
Prerequisite: Admission to Teacher Licensure Program; EDUC 235/236; to be taken concurrently with EDUC 436
Curriculum defines the motivation for programs and instruction used in teaching. Secondary curriculum focuses on those trends and principles which span academic areas and which cross grade levels. Attention will be given to special and alternative education to federal, state and local guidelines; and to the influence of educational philosophies on programs and instruction.

EDUC 436  Secondary Curriculum Fundamentals Practicum  1 hour
Prerequisite: Admission to Teacher Licensure Program; EDUC 235/236; to be taken concurrently with EDUC 435
Experiences in demonstrating and evaluating teaching episodes including the use of appropriate materials and classroom management. Field experience required.

EDUC 475  Seminar in Classroom Management  2 hours
Prerequisite: Admission to Student Teaching
Student teachers will apply principles of classroom management from reading assignments and group discussion to actual practice in a preK-12 classroom setting appropriate to the endorsement area of the teacher candidate.

EDUC 476  Student Teaching I  5 hours
Prerequisite: Admission to Student Teaching
Student teaching offers practice in all phases of teacher responsibility including teaching activities in a preK-12 classroom setting appropriate to the endorsement area of the teacher candidate.

EDUC 477  Student Teaching II  5 hours
Prerequisite: Admission to Student Teaching
A continuation of student teaching in a preK-12 classroom setting appropriate to the endorsement area of the teacher candidate.

EDUC 495  Directed Research  1 to 3 hours
To be planned (with the instructor) on an individual basis to include research, special activities, and conferences. May be repeated for credit to a maximum of 3 semester hours.

EDUC 497  Special Topics in Education  1 to 3 hours

ELECTRICAL

ELTC 101  Foundations of Electricity  4 hours
Prerequisite: Co-/CRFT 101
Foundations of Electricity is a practical course combining lecture and hands-on instruction. Topics include: Orientation to the Electrical Trade; Electrical Safety; Introduction to Electrical Circuits; Electrical Theory; Introduction to the National Electric Code; Device Boxes; Hand Bending; Raceways and Fittings; Conductors and Cables; Basic Electrical Construction Drawings; Residential Electrical Services; Electrical Test Equipment.

ELTC 201  Intermediate Electricity  4 hours
Prerequisite: ELTC 101
Intermediate Electricity is a practical course combining lecture and hands-on instruction. Topics include: Alternating Current; Motors: Theory and Application; Electric Lighting; Conduit Bending; Pull and Junction Boxes; Conductor Installations; Cable Tray; Conductor Terminations and Splices; Grounding and Bonding; Circuit Breakers and Fuses; Control Systems and Fundamental Concepts.

ELTC 301  Advanced Electricity  4 hours
Prerequisite: ELTC 201
Advanced Electricity is a practical course combining lecture and hands-on instruction. Topics include: Load Calculations-Branch and Feeder Circuits; Conductor Selection and Calculations; Practical Applications of Lighting; Hazardous Locations; Overcurrent Protection; Distribution Equipment; Transformers; Commercial Electrical Services; Motor Calculations; Voice, Data, and Video; Motor Controls. Prerequisite: ELTC 201.
ELTC 401  **Special Topics in Electricity**  4 hours  
Prerequisite: ELTC 301  
Special Topics in Electricity is a practical course combining lecture and hands-on instruction. Topics include: Load Calculations-Feeder and Services; Health Care Facilities; Standby and Emergency Systems; Basic Electronic Theory; Fire Alarm Systems; Speciality Transformers; Advanced Controls; HVAC Controls; Heat Tracing and Freeze Protection; Motor Operations and Maintenance; Medium-Voltage Terminations/Splices; Special Locations; Introductory Skills for the Crew Leader.

### COMPUTER ENGINEERING

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td><strong>ENGC 299 Internship</strong></td>
<td>0 hours</td>
<td>Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind</td>
</tr>
</tbody>
</table>
| **ENGC 301**            | 3 hours | ENGE 201 and *MATH 350 (*can be taken concurrently with ENGC 301); minimum grade of “C”  
Application of the principles introduced in ENGE 201. Topics include digital and logic application to microcontroller function and use, assembly language programming and hardware interface design. |
| **ENGC 401**            | 3 hours | ENGC 301 with a minimum grade of “C” |
| **ENGC 495 Directed Research** | 1-6 hours | 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 | Permission of instructor. Selected topics in various areas of Computer Engineering. May be repeated for credit when topic varies. |
| **ENGC 499 Computer Engineering Internship** | 3 hours | 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

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
</table>
| **ENGE 201**            | 3 hours | MATH 121 or MATH 128 (may be taken concurrently); minimum grade of “C”  
Introduction to combinational logic design, boolean algebra, logic minimization, and Karnaugh maps with an emphasis on applying topics presented to design of registers, counters and finite state machines using CPLD’s. |
| **ENGE 211**            | 4 hours | ENGR 110 and MATH 131; minimum grade of “C”  
Introduction to circuit elements. Topics include resistors, independent sources, capacitors, inductors, equivalent networks, and an introduction to basic techniques used in DC circuit analysis. Laboratory exercises will focus on building, measuring and calculating the response of DC circuits and transient analysis of R, L, and C components. |
| **ENGE 212**            | 4 hours | ENGE 211 and MATH 132; minimum grade of “C”  
Introduction to AC analysis and phasors and the application of techniques from ENGE 211 to AC circuits. Topics include analysis of AC steady state circuits, magnetically coupled circuits, power, equivalent circuits, controlled sources and advanced circuit analysis. |
| **ENGE 299 Internship** | 0 hours | 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 | ENGE 212 and MATH 321 *(can be taken concurrently); minimum grade of “C”  
Analysis techniques for system and signal modeling using numerical analysis software. Topics include introduction to convolution, Fourier series, Fourier transforms, LaPlace transforms with application to determine system response, filters, sampling, linearity, time invariance and stability. |
| **ENGE 321 Electronics** | 4 hours | ENGE 212; minimum grade of “C”  
Introduction to electronic devices including diodes, transistors and operational amplifiers and their applications in electrical circuits. |
| **ENGE 331 Electromagnetic Fields** | 4 hours | ENGE 212 and MATH 334; minimum grade of “C”  
Fundamentals of electromagnetic theory and modern transmission systems. Maxwell’s equations are formulated and applied to electromagnetic problems including plane-wave propagation, reflection and transmission at discontinuous boundaries and basic transmission line theory. |
| **ENGE 341 Communications Systems** | 3 hours | ENGE 321, ENGR 210 and MATH 231; minimum grade of “C”  
Analysis and design of communication systems and transmission of information over various medium. Topics include modulation, sampled signals, conversion (ADC and DAC), random processes and noise. |
| **ENGE 351 Power Systems** | 3 hours | ENGE 321; minimum grade of “C”  
Basic concepts of AC systems. Topics include single-phase and three-phase networks, electric power generation, transformers, transmission lines, electric machinery and the use of power. |
| **ENGE 361 Computer Architecture** | 3 hours | ENGE 321 and ENGE 201 and CSCI 111; minimum grade of “C”  
Introduction to architecture and organization of computer systems. Topics include data and instruction representation, arithmetic and logical operations, processor and memory implementations, memory hierarchy (cache, main memory and secondary memory), simple pipelines and hardware applications of OS functions. |
| **ENGE 421 Advanced Electronics** | 3 hours | ENGE 321; minimum grade of “C”  
Application of advanced design methods used to achieve gain and bandwidth specifications in amplifiers. Topics include use of feedback techniques, and design specifications of operational amplifiers. |
| **ENGE 431 Electromagnetic Compatibility** | 3 hours | ENGE 331; minimum grade of “C”  
Introduction to the Electromagnetic fields of passive components and Electromagnetic compatibility regulations and
measurements. Topics include radiated signals, electromagnetic waves, transmission lines, conducted emissions, radiated emissions, electromagnetic shielding and grounding, and Electrostatic discharge. (Elective)

ENGE 465 Introduction to Computer Networks 3 hours
Prerequisite: ENGE 341; minimum grade of “C”
Emphasis is placed on network transport services and key protocols to include TCP, IP, and UDP. Topics include application of network design and implementation of robust performance based computer networks, and an introduction to wireless and mobile networks. (Elective)

ENGE 495 Directed Research 1-6 hours
Prerequisites: 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 Electrical Engineering Internship 3 hours
Prerequisites: Major in electrical engineering, permission of the instructor.
Placement in an electrical engineering or related organization for a controlled learning experience within the student’s career specialization area. Application procedures processed through the Career Center.

INDUSTRIAL AND SYSTEMS ENGINEERING

ENGI 220 Engineering Economy 3 hours
Prerequisite: MATH 126 or 131; minimum grade of “C”
Introduction to the principles of time value of money, analysis of investments, break-even concepts, risk analysis, alternatives analysis, tax implications, certainty and uncertainty.

ENGI 230 Production Systems 3 hours
Prerequisite: MATH 131; minimum grade of “C”
Introduction to manufacturing and production processes. Topics include production process as a human/machine system, planning, organizing, designing, and operating production systems.

ENGI 299 Internship 0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Placement in a manufacturing plant, hospital, library, police department, or similar location, or related organization for a controlled learning experience within the student’s career specialization area. Application procedures processed through the Career Center. Must apply semester prior to internship.

ENGI 300 Enterprise Forecasting 3 hours
Prerequisites: MATH 121 and 201 or ENGR 210; minimum grade of “C”
Advanced forecasting and data modeling methods and techniques.

ENGI 305 Data Analysis Methods and Modeling 3 hours
Prerequisite: ENGI 300 or ENGR 210; minimum grade of “C”
Revealing business and economic patterns and information hidden in data by transforming data using algebraic and statistical methods.

ENGI 330 Facilities Design 3 hours
Prerequisite: ENGI 230; minimum grade of “C”
Introduction to the design, analysis and selection of manufacturing facilities and material handling equipment. Topics include integration of computer systems, material flow and storage, and economic implications.

ENGI 340 Introduction to Operations Research: Deterministic Models 3 hours
Prerequisites: ENGR 210 and *MATH 321; (*can be taken concurrently with Instructor approval)
Introduction to basic principles and application of deterministic analytical methods. Topics include linear programming, integer programming, dynamic programming and nonlinear optimization.

ENGI 350 Introduction to Operations Research: Probabilistic Models 3 hours
Prerequisite: ENGI 340; minimum grade of “C”
Introduction to decision-making modeling and analysis subject to randomness, uncertainty, and risk. Topics include stochastic dynamic programming, Markov chains, and queuing theory.

ENGI 360 Engineering Information Systems 3 hours
Prerequisite: ENGR 110 or CSCI 110; minimum grade of “C”
Introduction to information systems used in the analysis, design, and management of complex engineering projects. Topics include identifying potential data anomalies and methods for ameliorating these problems.

ENGI 420 Advanced Data Analysis Methods and Modeling 3 hours
Prerequisite: ENGI 305; minimum grade of “C”
The methods studied in the prerequisite courses are combined into hybrid models of business and enterprise that not only yield operational efficiencies but provide the information necessary for an enterprise to become and remain the leader in its field.

ENGI 430 Decision Analysis 3 hours
Prerequisite: ENGI 350; minimum grade of “C”
A first course in decision analysis that extends the domain of decision-making problems from those considered in traditional statistical hypothesis testing scenarios: modeling decisions, where the emphasis is on structuring decision problems using techniques such as influence diagrams and decision trees, modeling uncertainty, which covers subjective probability assessment, use of classical probability models, Bayesian analysis, and value of information, and modeling preferences, which introduces concepts of risk preference, expected utility, and multi-attribute value and utility models.

ENGI 450 Human Factors and Ergonomics 3 hours
Prerequisite: 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: ENGI 340, minimum grade of “C” and computer programming skills
Introduction to the structure, logic and methodologies of systems simulation. Topics include the generation of random numbers, simulation languages, and simulation models and analysis.

ENGI 495 Directed Research 1-6 hours
Prerequisite: 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.
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 (minimum grade of “C”) or SAT Writing score of 480 or ACT English score of 19
Through the critical engagement of a variety of texts, including written, oral, and visual, this course prepares students to become careful readers, critical thinkers, and skilled writers. Drawing upon rhetorical theory, it emphasizes the practices of analytical reading, informed reasoning, effective writing, and sound argumentation. The course requires 4,000 words of writing in no fewer than five writing projects, three of which are argumentative essays incorporating external sources.

ENGL 102  **Composition and Literature**  3 hours
Prerequisite: ENGL 101
Continues the emphasis on writing. Two analytical papers—based upon studies of the short story, poetry and drama—and a literary research paper, sequentially developed, are required.

ENGL 103  **Technical and Business Writing**  3 hours
Prerequisite: ENGL 101
Technical and business writing focuses on principles, techniques, and skills needed to complete practical writing tasks suitable to a career in technical studies. The emphasis for this course will be on clarity, conciseness, correctness, and accuracy. Three substantial writing projects are required.

ENGL 201  **American Literature I**  3 hours
Prerequisite: ENGL 102 or equivalent
A survey from the early Colonial period through the American Renaissance. Two critical papers are required.

ENGL 202  **American Literature II**  3 hours
Prerequisite: ENGL 102 or equivalent
A survey of American literature following the American Renaissance. Two critical papers are required.

ENGL 215  **English Literature I**  3 hours
Prerequisite: ENGL 102 or equivalent
A survey of English literature from its beginning to 1660. Two critical papers are required.

ENGL 216  **English Literature II**  3 hours
Prerequisite: ENGL 102 or equivalent
A survey of English Literature from 1660 to the present. Two critical papers are required.

ENGL 221  **World Literature I**  3 hours
Prerequisite: ENGL 102 or equivalent
A survey of Western Literature from the beginnings through the Renaissance period. Two critical papers are required.

ENGL 222  **World Literature II**  3 hours
Prerequisite: ENGL 102 or equivalent
A survey of Western literature from the Neo-classical period through the present. Two critical papers are required.

ENGL 299  **Internship**  0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Professional-supervised experience in first-hand internship opportunities. Application procedures processed through the Career Center. Must apply semester prior to internship.

**NOTE:** Prerequisites for all further English courses include ENGL 101, 102 and the general education course in literature.

ENGL 303  **English Romanticism**  3 hours
A history of the romantic movement in England; a study of some prose and a particular emphasis upon the major poetry. Research paper required.

ENGL 310  **Children’s Literature**  3 hours
A critical interpretation of literature for children and young adults. Research paper required.

ENGL 311  **The English Novel**  3 hours
A study of the technique and historical development of the novel of England from its beginning to the close of the 19th century. Research paper required.

ENGL 320  **Adolescent Literature**  3 hours
This course examines a broad range of young adult literature, both classical and contemporary, with an appeal to a diverse audience, including most adolescents and many adults. The focus is on analyzing works of adolescent literature and acquainting students with critical resources important to the scholar. Research paper required.

ENGL 321  **Victorian Period**  3 hours
A study of the poetry and non-fictional prose published between 1830 and 1900. Research paper required.

ENGL 322  **Shakespeare**  3 hours
A study of the principal plays of Shakespeare read in the light of the dramatic and literary background of his time. Research paper required.

ENGL 333  **Modern Grammar**  3 hours
A course emphasizing the nature, structure and modifications of the English language with emphasis upon traditional, structural and generative-transformational grammars.

ENGL 339  **Early American Literature**  3 hours
A study of the major writers in the period 1620-1800, such as: Bradstreet, Edwards, Taylor, Franklin, Jefferson and others. Research paper required.

ENGL 340  **The American Renaissance**  3 hours
A study of the major writers of the American Renaissance: Hawthorne, Melville, Emerson, Thoreau and others. Research paper required.

ENGL 341  **American Realism and Naturalism**  3 hours
A study of the major writers of American Realism and Naturalism (1865-1930): Twain, James, Chopin, Crane, Dreiser and others. Research paper required.

ENGL 342  **The American Novel**  3 hours
A study of the major trends in the novel in America from its beginnings to the close of the 19th century. Research paper required.

ENGL 344  **American Modernism**  3 hours
This course will focus on American literature during the period between the World Wars (1914-1945) with a special emphasis on the Modernism movement. Research paper required.

ENGL 347  **Southern Renascence**  3 hours
This course will be a study of the works of the period of American Literature which has been labeled the Southern
ENGL 350 Advanced Expository Writing 3 hours
Instruction in the principles of expository and persuasive writing with emphasis on logic and style. Research paper required.

ENGL 351 Creative Writing: Poetry 3 hours
Instruction in the fundamentals of writing the modern poem with emphasis on theme, imagery, figurative language and other devices. Weekly writing assignments and individual analyses are assigned.

ENGL 352 Creative Writing: Fiction 3 hours
Instruction in the fundamentals of writing the modern short story with emphasis on plot, characterization, scene setting and dialogue. Weekly writing assignments and individual analyses are required.

ENGL 360 Christian Fantasy Literature 3 hours
This course provides a critical interpretation of Christian fantasy literature. Students will read selected texts by Christian writers from the 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
The pronunciation, grammar and vocabulary of the English language in terms of its historical development are emphasized.

ENGL 382 Eighteenth Century English Literature 3 hours
A study of the major poets and prose of the 18th century in the context of pertinent biographical and historical details. Research paper required.

ENGL 400 Seminar in Literature 3 hours
A study of selected works or authors, providing the student an opportunity to enrich his knowledge and appreciation of literature and to study its relationship to the ideas and problems of life. Research paper required.

ENGL 401 Seminar in Writing 3 hours
A study of selected masterful styles of writing as background for the development of one’s own style.

ENGL 402 Modern Novel 3 hours
A study of major trends in the American, English and continental novel from 1900, with special emphasis upon the novel as a literary and artistic form. Research paper required.

ENGL 403 Milton 3 hours
A study of Milton’s poetry and major prose with attention also given to the relevant historical and biographical contexts and to the major 20th century critical statements. Research paper required.

ENGL 405 Literature of the Bible 3 hours
An examination of the literature and literary theory of the English Bible, based upon analysis and explication of selected passages. Special consideration is given to such topics as literal meaning, metaphor as meaning, and the rhetorical dimensions of various modes of discourse as they occur in Scripture. Research paper required.

ENGL 406 Literature of the Civil War 3 hours
This seminar focuses on a survey of newspapers, novels, poems, religious tracts, and short stories, which were written either during or about the time of the Civil War. Research paper required.

ENGL 410 Classical Epic 3 hours
A study of The Iliad and The Odyssey of Homer and The Aeneid of Virgil.

ENGL 419 Methods and Materials in the Teaching of English 2 hours
Prerequisite: Admission to Teacher Licensure Program
A study of methods, theories, and activities for teaching language, composition and literature in middle and secondary school English. Must be taken before student teaching. May not be counted toward the English major.

ENGL 420 Secondary Methods Teaching Practicum 1 hour
Prerequisite: To be taken concurrently with ENGL 419
At least 20 hours of reflective classroom observation at the middle or secondary school level and the teaching of two to three consecutive lessons.

ENGL 422 Modern Drama 3 hours
Extensive reading in modern drama beginning with the works of Ibsen. Research paper required.

ENGL 423 Modern Poetry 3 hours
A survey of contemporary American and British poetry with particular emphasis upon the various aspects of the poetic movement of the present. Research paper required.

ENGL 432 Literary Criticism 3 hours
A study of the major philosophies and theories, both historical and contemporary, with attention also given to understanding the various views of literary theory and to the student’s development of his own defensible literary theory. Research paper required.

ENGL 437 African-American Literature 3 hours
The course is a study of selected works of African-American literature, including prose, poetry, and drama, from the 17th century through the present (including the vernacular tradition) introducing students to the cultural, historical, and literary contexts of African-American literature. Research paper required.

ENGL 438 Women’s Literature 3 hours
This course is a survey of works written by women from the medieval period through the present, with an emphasis on women writers of Western civilization. The literary genres covered include a broad range of literary forms: devotional literature, essay, epistle, public address, poetry, non-fiction narrative, short story, and the novel. Research paper required.

ENGL 442 Musical Theatre 3 hours
This course is a survey of the history of musical theatre, beginning with Vaudeville and continuing through to the contemporary stage, with special emphasis given not only to the text but to the performance aspect of the libretto as well.

ENGL 443 Elizabethan Literature 3 hours
A study of the representative writers of the English Renaissance from More to Jonson with special emphasis on the English humanists. Research paper required.

ENGL 452 Chaucer 3 hours
A study of the Canterbury Tales and some of the shorter poems of Chaucer. Research paper required.

ENGL 456 Advanced Studies in World Literature 3 hours
The course provides an examination of some of the world’s literary masterpieces from antiquity to the modern day with particular emphasis on those with superb English versions. The course encourages interdisciplinary research in historical, sociological, anthropological, psychological, religious, and literary studies in the scrutiny of these diverse literary works. Research paper required.

ENGL 460 Christian Literature 3 hours
This is a survey of literary works representing 2,000 years of Christian history. The course covers a broadly defined range of literature that either serves or is shaped by the Christian worldview. The survey begins with the patristic writers of the early church, then turns to the medieval mystics, the reformers, neoclassicists, romantics and moderns, and ends with the dawn of the postmodern period. In addition, the course will include supplemental reading that will assist students in developing a distinctly Christian poetic and aesthetic: a biblical approach to reading, writing, and appreciating literature and all forms of art. Research paper required.

ENGL 462 Religious Issues in Dramatic Literature 3 hours
This course examines dramatic literature from the classical Greek plays to contemporary dramas, with special attention given to religious criticism. Research paper required.
ENGL 463  Seventeenth Century English Literature  3 hours
A study of the principal writers of the 17th century, other than Milton. Research paper required.

ENGR 495  Directed Research  1 to 3 hours
Prerequisite: Junior or senior status; students who qualify will pursue studies of a particular interest as approved and supervised by the instructor.

ENGL 497  Special Topics in English  1 to 3 hours
Prerequisite: Junior or Senior status
Professor-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); minimum grade of “C”
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; minimum grade of “C”
Introduction to applied probability and the principles and methodologies of statistical inference. Topics include methods of data analysis, point and interval estimation; test of hypotheses, correlation, regression and an introduction to analysis of variance methods.

ENGR 270  Technical Writing for Engineers  3 hours
Prerequisite: ENGL 201, 202, 215, 216, 221 or 222; minimum grade of “C”
This course will teach students how to write documents representing the three main types of technical writing: operational (instructional), promotional (argumentative and analytical), and reportorial (expository, informational and analytical). Students will also evaluate and edit documents belonging to these categories by examining how well these documents serve their purpose for particular audiences in different cultural and social contexts. (Formerly ENGR 101)

ENGR 370  Quality Assurance  3 hours
Prerequisite: ENGR 210; minimum grade of “C”
Introduction to the principles involved in designing statistical quality control systems. Topics include probability concepts, density and distribution functions, control chart concepts and sampling inspection plans.

ENGR 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; minimum grade of “C”
Introduction to the design process. Topics include system engineering, team dynamics, design specifications, conceptual design, scheduling, developing a business plan, market survey, and budgeting.

ENGR 481  Engineering Design I  3 hours
Prerequisite: ENGR 381; minimum grade of “C”
The second course in the design sequence of formal design courses that emphasizes the design process. Student teams carry a project from inception to completion to satisfy the need of a client. In addition to technical design, factors such as safety, economics, and ethical and societal implications are considered.

ENGR 482  Engineering Design II  3 hours
Prerequisite: ENGR 481; minimum grade of “C”
The third course in the design sequence where the student is exposed to engineering design and development. Design process culminates in prototype development, gathering performance data and presenting a final design briefing to peers and department faculty.

SOFTWARE ENGINEERING

ENGS 205  Professionalism in the Software Life Cycle  3 hours
Prerequisite: CSCI 112; minimum grade of “C”
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; minimum grade of “C”
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; minimum grade of “C”. *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; minimum grade of “C”. *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 BMIS 312; minimum grade of “C”
Study and application of the design and evaluation of effective user interactive computer software, including user-centered design principles, guidelines and evaluation for designing a software product. Research-based project required. (Formerly CSCI 375).

ENGS 405  Secure Software Engineering  3 hours
Prerequisite: ENGS 361, 362, or 363; minimum grade of “C”
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; minimum grade of “C”

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; minimum grade of “C”

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.

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**ENGLISH AS A SECOND LANGUAGE**

**ESOL 080  English as a Second Language for High Beginners**  3 hours  
A course for learners of ESL who place as high beginners 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 Writing**  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.

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**ETHNOMUSICOLOGY**

**ETHM 411  Music and World Cultures**  3 hours  
A comprehensive overview of cultural traditions, belief systems, and practices of world cultures as approached through the study and analysis of the music of ethnic groups.

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**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.

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**EXERCISE SCIENCE**

**EXSC 101  Introduction to Exercise Science**  1 hour  
This course is an overview of the professions in the field of exercise science. Career opportunities within exercise science and allied health will be investigated. Various aspects of careers, determining requirements for advanced study and learning what coursework would be appropriate for the different career paths.

**EXSC 310  Physiology of Exercise**  3 hours  
Prerequisites: BIOL 213/214, 215/216

A study of the effects of exercise on the major systems of the human body including the cardiorespiratory, neuro-muscular, glandular and digestive. Other effects influencing human exercise will be examined, including climate, altitude and ergogenic aids. (Formerly KINE 310)

**EXSC 311  Analysis of Human Movement**  3 hours  
Prerequisites: BIOL 213/214, 215/216

This course is a scientific study of the musculoskeletal anatomy and neuromuscular physiology involved in voluntary movement. The physiological principles applicable to the anatomical structures that produce human movement will be examined. (Formerly KINE 311)

**EXSC 320  Measurement and Evaluation in Health and Kinesiology**  3 hours  
This course will consider the basic principles related to measurement and evaluation including the selection, administration and use of tests unique to the field of health and physical education. Special emphasis will be placed on testing procedure. Computer software for statistics will be introduced. (Formerly KINE 320)

**EXSC 340  Essentials of Strength Training and Conditioning**  3 hours  
Prerequisites: KINE 225 and Junior status

This course includes the theories, organization, methods, and techniques involved in the teaching and coaching of strength training, physical conditioning, and personal training. (Formerly KINE 340)

**EXSC 350  Biomechanics**  3 hours  
Prerequisite: 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. (Formerly KINE 350)

**EXSC 351  Biomechanics Lab**  1 hour  
Prerequisites: Junior status; must be currently enrolled in EXSC 350

This lab course provides students with the application of basic mechanical principles in analyzing movements of the human body. The course uses an integrated balance of qualitative and...
quantitative applications to illustrate the mechanical principles discussed in EXSC 350, Biomechanics.

**EXSC 410 Applied Exercise Physiology** 3 hours
Prerequisites: EXSC 310 and Junior status  
Co-requisite: EXSC 411  
This course provides the students with practical experience in implementing different methodologies in the measurement of physiological responses to acute and chronic exercise. Emphasis is placed on the application of the ACSM guidelines and appropriate experimental techniques. The usage of equipment in evaluating changes in body composition and various metabolic, cardiovascular, and respiratory adjustments during exercise in different populations will be included. (Formerly KINE 410)

**EXSC 411 Applied Exercise Physiology Lab** 1 hour  
Prerequisites: EXSC 310 and Junior status  
Co-requisite: EXSC 410  
This course is designed for students in the Exercise Science major to gain proficiency in exercise testing and interpretation as it relates to the various physiological systems and components. (Formerly KINE 411)

**EXSC 421 Practicum** 1 hour  
Prerequisites: EXSC 310, 410, 411 and Senior status  
This course is designed for students in the Exercise Science major to gain exposure to various fitness/health settings. The student must choose two of the following areas: strength and conditioning, personal training, or clinical rehabilitation. The student must complete 15 observational hours in each of the two chosen areas, for a total of 30 hours. (Formerly KINE 421)

**EXSC 433 Exercise Prescription for Special Populations** 3 hours  
Prerequisite: EXSC 310  
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 pathophysiology and exercise responses in populations afflicted with these diseases. (Formerly KINE 433)

**EXSC 460 Exercise Testing, Evaluation, and Prescription** 3 hours  
Prerequisites: EXSC 310, 320, and Junior status  
This course will consider the use of health and fitness field and laboratory instruments, techniques, procedures and equipment. Special emphasis will be placed on the ability to administer test protocols for evaluating the health-related components of physical fitness. (Formerly KINE 460)

**EXSC 461 Exercise Leadership** 3 hours  
Prerequisite: Junior status  
This course will emphasize the necessary leadership qualities and skills expected for leading exercise activities. The student will develop professional competencies through classroom instruction as well as observational and practical experiences. (Formerly KINE 461)

**EXSC 485 Health Fitness Specialist Workshop and Certification** 1 hour  
Prerequisites: Exercise Science major; Senior status  
This course will provide structured experiences in the classroom, laboratory and exercise arenas to improve the knowledge, skills, and abilities in health-related physical fitness assessment and exercise programming as outlined by the American College of Sports Medicine guidelines. This experience will culminate with the student taking the Health Fitness Specialist certification exam, which requires the student to demonstrate the knowledge, skills, and abilities that are needed by an entry-level health/fitness practitioner.

**EXSC 499 Internship in Exercise Science** 3 to 6 hours  
Prerequisites: Senior status; have completed all EXSC coursework and FACS 333, with a grade of “C” or better; have a minimum overall GPA of 2.25 or better; have achieved a minimum score of 480 on the American College of Sports Medicine’s Health Fitness Specialist exam, and turned in the exam scoring sheet to the program director; or consent of the Exercise Science Program Director.

This course involves practical work experience in an approved exercise or fitness-related agency, physical or occupational therapy clinic, chiropractic office, or similar setting/facility supervised by a qualified professional. Selection of the internship site should coincide with academic track selected and intended career path. Application procedures processed through the Career Center. Must apply semester prior to completing internship. (Formerly KINE 499)

**FAMILY AND CONSUMER SCIENCES**

**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/ ARTS 113 Introduction to Design** 3 hours  
An introduction to visual thinking as well as the elements and principles of design. Concentration of the elements of design through production of artwork using a variety of materials and methods. Emphasis placed on understanding the elements and principles of design and how they integrate to form fully realized works of art. Students will explore composition and selection of subject matter.

**FACS 130 Introduction to Hospitality, Foods, and Food Safety** 3 hours  
This course provides knowledge of ingredients for food preparation and presentation while emphasizing the preservation of nutrients in foods needed for good health and providing a strong foundation for the food service and hospitality career.

**FACS 205 Development of Contemporary Families** 3 hours  
Origin and description of contemporary American patterns in response to changes in society and technology.

**FACS 221 Design and Construction I for Interiors** 3 hours  
Aesthetic basic principles and aspects of interior design selection and construction.

**FACS 222 Design and Construction I for Apparel** 3 hours  
Aesthetic basic principles of design and construction in wardrobe.

**FACS 225 Introduction to the Fashion Industry** 3 hours  
An introduction to the industry segments involved in the design, production, and distribution of women’s men’s, and children’s apparel and their accessories. Historical overview and career opportunities in fashion are included.

**FACS 230 Food Science and Management** 3 hours  
(4 hours lecture; 2 hours lab)  
Principles of food science, including nutrition, function of ingredients, and preparation methods. Managerial and aesthetic guidelines related to the selection, planning, preparation, and service of meals.

**FACS 240 Concepts in Interior Design** 3 hours  
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.
<table>
<thead>
<tr>
<th>COURSES OF INSTRUCTION – RESIDENT PROGRAMS</th>
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<tbody>
<tr>
<td>FACS 260 Early Childhood Education 3 hours</td>
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<tr>
<td>Prerequisite: PSYC 210 or permission of the instructor</td>
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<tr>
<td>Theories, principles, and strategies of working with young children. Developmentally appropriate curriculum will be emphasized.</td>
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<tr>
<td>FACS 299 Internship 0 hours</td>
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<tr>
<td>Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.</td>
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<tr>
<td>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.</td>
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<tr>
<td>FACS 320 Textiles: Fibers and Fabrics 3 hours</td>
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<tr>
<td>Prerequisite: CHEM 107</td>
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<tr>
<td>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.</td>
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<tr>
<td>FACS 325 Psycho-Social Aspects of Clothing 3 hours</td>
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<tr>
<td>Study of the cultural, social, economic, psychological and physical factors which influence clothing decisions.</td>
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<tr>
<td>FACS 330 Human Nutrition 3 hours</td>
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<tr>
<td>Prerequisites: Biology or chemistry course</td>
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<tr>
<td>Chemical structure, function, digestion, metabolism and biochemical interrelationships of nutrients relating to life cycle, current issues and diet selection.</td>
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<tr>
<td>FACS 335 Food and Culture 3 hours</td>
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<tr>
<td>Influence of cultural patterns on food habits evident in acceptable food sources, service, preparation, and preservation in societies around the world.</td>
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<tr>
<td>FACS 340 Housing: Consumer and Community 3 hours</td>
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<tr>
<td>Sociological, psychological, economical and technological aspects of shelter are explored from both historical and contemporary perspectives.</td>
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<tr>
<td>FACS 345 Interior Architecture 3 hours</td>
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<tr>
<td>Prerequisite: FACS 240</td>
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<tr>
<td>A survey of materials and structural components for interiors with an emphasis on both aesthetic and performance characteristics.</td>
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<tr>
<td>FACS 350 Family Economic Decisions 3 hours</td>
</tr>
<tr>
<td>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.</td>
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<tr>
<td>FACS 365 Daycare Administration 3 hours</td>
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<tr>
<td>Prerequisite: FACS 260</td>
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<tr>
<td>Functions and responsibilities involved in developing and implementing daycare programs for children and adults.</td>
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<tr>
<td>FACS 370 Parenting 3 hours</td>
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<tr>
<td>Explores the theories, trends, concepts, strategies and realities of effective parenting beginning with conception and continuing throughout the life cycle.</td>
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<tr>
<td>FACS 375/PSYC 300 The Psychology of Relationship/Development 3 hours</td>
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<td>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.</td>
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<tr>
<td>FACS 380 Program Planning and Evaluation 3 hours</td>
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<tr>
<td>Prerequisite: Junior status</td>
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<tr>
<td>Theories and procedures for program planning, implementation and evaluation of educational programs. Examination of issues and trends is covered.</td>
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<tr>
<td>FACS 403 Professional Development 2 hours</td>
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<tr>
<td>Prerequisites: Senior status and FACS 103</td>
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<tr>
<td>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.</td>
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<tr>
<td>FACS 405 Special Projects in Family and Consumer Sciences 3 hours</td>
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<td>An independent, creative project which is student-initiated, with approval of a supervising faculty member.</td>
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<tr>
<td>FACS 420 Apparel Illustration and Design 3 hours</td>
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<tr>
<td>Prerequisite: FACS 220</td>
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<tr>
<td>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.</td>
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<tr>
<td>FACS 423 Fashion Promotion and Visual Merchandising 3 hours</td>
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<tr>
<td>Prerequisites: Junior or Senior status</td>
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<tr>
<td>The study of promotional strategies unique to the fashion industry. History and principles of visual presentation of merchandise, store design, and special events are emphasized.</td>
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<tr>
<td>FACS 425 Design and Construction II 3 hours</td>
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<tr>
<td>(4 hours lecture; 2 hours lab)</td>
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<tr>
<td>Prerequisite: FACS 220</td>
</tr>
<tr>
<td>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.</td>
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<tr>
<td>FACS 427 Fashion Industry 3 hours</td>
</tr>
<tr>
<td>Investigation and analysis of concepts in fashion merchandising with special emphasis on problem-solving in promotion, management, and displaying fashion.</td>
</tr>
<tr>
<td>FACS 429 History of Costume 3 hours</td>
</tr>
<tr>
<td>Prerequisite: Junior or Senior status</td>
</tr>
<tr>
<td>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.</td>
</tr>
<tr>
<td>FACS 430 Gourmet Foods 3 hours</td>
</tr>
<tr>
<td>(3 hours lecture; 3 hours lab)</td>
</tr>
<tr>
<td>Prerequisite: FACS 230 or permission of instructor</td>
</tr>
<tr>
<td>Study of classic cuisine and current epicurean trends. Experimentation with product recipes, development of culinary skills and fine dining experiences are included.</td>
</tr>
<tr>
<td>FACS 435 Event Catering 3 hours</td>
</tr>
<tr>
<td>(3 hours; lectures; 3 hours lab)</td>
</tr>
<tr>
<td>Prerequisite: FACS 230</td>
</tr>
<tr>
<td>Examination and application of principles of quantity food production. Participation in student-run catering business.</td>
</tr>
<tr>
<td>FACS 445 History of Interiors 3 hours</td>
</tr>
<tr>
<td>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.</td>
</tr>
<tr>
<td>FACS 450 Consumer Issues 3 hours</td>
</tr>
<tr>
<td>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.</td>
</tr>
<tr>
<td>FACS 455 Balancing Work and Family 3 hours</td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>
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  1 hour Practicum
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
An independent study in a selected area mutually agreed upon by instructor and student.

FACS 495  Directed Research  1 to 3 hours
Prerequisite: Must be taken concurrently with FACS 480
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.

FACS 499  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.

FREN 101  Elementary French I  3 hours
This is an introductory course designed to place emphasis on functional grammar, practical vocabulary, listening skills and conversation in French. This course will serve as a basis for further development of fluency in reading, writing, understanding, and speaking the language.

FREN 102  Elementary French II  3 hours
Prerequisite: FREN 101 or placement score
This is a continuation of the beginning course, French 101, emphasizing the development of functional grammar, practical vocabulary, listening, reading and writing skills in French. This course is designed to further develop fluency in reading, writing, listening comprehension and speaking in the language.

FREN 201  Intermediate French I  3 hours
Prerequisite: FREN 102 or equivalent, or placement score
This is an intermediate course designed to place continued emphasis on functional grammar, practical vocabulary, listening exercises and conversation in French. This course expands the basic proficiencies in speaking, listening, reading and writing the language acquired in French 101 and 102. This course is conducted primarily in French.

FREN 202  Intermediate French II  3 hours
Prerequisite: FREN 201 or placement score
This course will expand the student’s acquisition of practical vocabulary and refine the student’s knowledge of French grammar, while stressing the development of oral skills.

FREN 299  Internship  0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Professional-supervised experience in a first-hand internship opportunity. Application procedures processed through the Career Center. Must apply semester prior to internship.

FREN 301  Advanced Conversation  3 hours
Prerequisite: FREN 202 or placement score
This course will refine the student’s oral-aural knowledge of the French language. It will include composition, readings and oral presentations. The class will be conducted in French.

FREN 304  Francophone Civilizations/ Cultures  3 hours
Prerequisite: FREN 202 or placement score
This course will provide an overview of francophone geography, culture, civilization, socio-economic problems and some modern francophone literature exclusive of France. The class will be conducted in French and a project will be required.

FREN 310  Translation  3 hours
Prerequisites: FREN 202 with a grade of “B” or higher, or equivalent and ENGL 102 which may be taken as a co-requisite.
This course will examine modern translation theory and include a comparison of various linguistic traits of both languages. The course will enable students to apply grammatical rules, perform textual analyses, and use various translation procedures to translate a variety of documents from French to English.

FREN 311  Evolution of the French Short Story  3 hours
Prerequisites: FREN 202 with a grade of “B” or higher, or equivalent.
This course will trace the evolution of the French short story from the Moyen Âge to the present while highlighting various literary periods, movements and artists.

FREN 312  French Classics in Film  3 hours
Prerequisites: FREN 202 with a grade of “B” or higher, or satisfactory equivalent.
This course will use film as the medium of instruction to study various literary masterpieces of French romanticism, realism and naturalism.

FREN 321  Modern French Drama  3 hours
Prerequisite: FREN 202
This course will provide a survey of French drama from the 20th century. The class will be conducted in French.

FREN 495  Directed Research  1 to 3 hours
Prerequisite: Junior or Senior status
This is a self-directed course of study intended to further the student’s understanding of the French language, literatures and cultures of French-speaking countries by means of special research projects. This work is conducted in French.

FREN 497  Special Topics in French  1 to 3 hours
Prerequisite: Junior or Senior status
This is an introductory course designed to place emphasis on functional grammar, practical vocabulary, listening exercises and conversation in French. This course is conducted primarily in French.

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.

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
(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

GLOBAL STUDIES

GLST 200  Introduction to Global Studies  3 hours
This course is an introduction to understanding the history, principles and foundations of global engagement. Additionally, this course lays the groundwork for an intercultural career and provides principles for engaging the current global environment. (Available Spring 2012)

GENERAL EDUCATION – CONTEMPORARY ISSUES

GNED 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.

GNED 102  Contemporary Issues II  1 hour
(Prerequisite: GNED 101)
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.

GNED 301  Contemporary Issues Seminar  3 hours
(Prerequisite: GNED 101, 102)
This course is an in-depth analysis of some of the predominant contemporary issues facing culture and the church. This course will focus upon the application of the biblical worldview to these select issues. Students will consider and discuss potential culturally-engaging solutions to solve various social problems arising from these issues. This focus will also be carried out in a required experiential “service learning” community project.

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.

GOVT 301  Ancient 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  3 hours
Institutions
(Offered fall semester)
The office and legal powers of government executives, especially the President, including trends in the Presidency during periods of conservative and liberal dominance.

GOVT 322  American Legislative System  3 hours
(Offered spring semester)
The U.S. Congress and state legislatures, their powers and organization, and how liberal and conservative forces exert influence through lobbying and elections.

GOVT 327  State and Local Government  3 hours
(Offered fall semester)
Issues, interest and institutions of American state and local government in the framework of federalism.

GOVT 328  American Political Processes  3 hours
A study of the electoral process in American and the organizations such as political parties and interest groups that influence it. Topics included are political campaigns, electoral laws, voting behavior, and the development of political parties and interest groups. In election years, students are encouraged to participate in the campaign of the party of their choice.

GOVT 330  Introduction to Comparative Politics  3 hours
(Offered fall semester)
An introduction to a variety of concepts and approaches to the study of the domestic politics of other countries.

GOVT 332  Politics of Europe  3 hours
A survey of the political systems of Britain, France, Germany and Russia, comparing how various forms of government provide for the requirements of their citizens and the tasks of governing.

GOVT 333  Post-Communist Politics  3 hours
An examination of key issues of the transformation of the former Soviet Union and its East European allies. The impact of the communist system on current regimes is evaluated with an
emphasize on the role of the party structure, religion, and the security apparatus.

**GOVT 334**  
Politics of Latin America  
3 hours  
A study of the political systems of Latin America and the Caribbean basin in view of the geographical, historical, religious, cultural, economic, and international factors that shape them.

**GOVT 335**  
Politics of Asia  
3 hours  
A study of the major political, economic, and cultural systems of East and South Asia, particularly China, India, and Japan, with special attention given to the rapid emergence of a robust international trade area along the Pacific Rim.

**GOVT 337**  
Politics of the Middle East  
3 hours  
A study of the geographical, historical, religious, cultural, economic, and international factors that broke up the Islamic empires and that shape the politics of the Middle East, Central Asia, and North Africa.

**GOVT 340**  
International Relations  
3 hours  
(Offered fall semester)  
Techniques for managing and resolving conflict in international relations. Emphasis is on current international issues like U.S. Arms policy and U.S. policy in the Middle East.

**GOVT 345**  
Jurisprudence  
3 hours  
(Offered spring semester)  
An introduction to law and philosophy of law, including categories of law, some legal terminology, justice, liberty, crime and punishment.

**GOVT 346**  
Legal Research and Writing  
3 hours  
An overview for the pre-law student of legal research methods and legal writing. Attention will be given to online and traditional avenues of legal research, as well as standard formats for case briefs, IRAC, Bluebooking, formal legal memoranda, synthesizes cases, and the principles of statutory construction. The course requires a major legal research paper.

**GOVT 350**  
Political Economy and Public Policy  
3 hours  
Application of social ethics and economic theory to government, politics, social institutions, law and public policy questions. Topics include the role of a worldview in public policy, the role of civil government versus the role of the market, constitutional and legal decision-making, the morality of capitalism, the problems of special interest groups and public bureaucracies, the theory of regulation and specific public policy issues.

**GOVT 360**  
Introduction to Public Administration  
3 hours  
An introduction to the history and theory of public administration. These ideas will be applied within a variety of public institutional contexts.

**GOVT 380**  
Introduction to Intelligence  
3 hours  
(Offered fall semester)  
An upper-division introduction to the field of intelligence and the Intelligence Community, and how it all works within the framework of the Department of Homeland Security.

**GOVT 381**  
Intelligence Analysis  
3 hours  
(Offered spring semester)  
An upper-division course studying field of intelligence analysis to give students a basic understanding of what it takes to be an analyst within the Intelligence Community. The course looks at some classic intelligence failures as well as some of the unpublished successes.

**GOVT 382**  
History of Intelligence  
3 hours  
(Offered fall semester)  
An upper-division study of intelligence from the earliest biblical times up through the modern period. The development of American intelligence is covered in detail.

**GOVT 385**  
NUD/NIS Symposia I  
3 hours  

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**GOVT 386**  
NUD/NIS Symposia II  
3 hours  
(Offered fall and spring semesters, when available)  
(NOTE: Extra costs above tuition and fees apply)  
Prerequisite: GOVT 480 or an upper division intelligence course.

Five-day seminars in Washington, D.C. during which students attend the relevant symposium hosted by the National Defense University or attend the National Intelligence Symposium hosted by the Association of Former Intelligence Officers. Academic requirements include a major paper on one of the topics covered during the symposium. Each symposium counts as one course.

**GOVT 400**  
Government Colloquium  
1 hour  
This experience includes all government faculty members. Government majors should enroll for a minimum of three semesters. Students and faculty will participate in a series of events in which they will be exposed to current policy issues, politicians, graduates of the department and the research interests of faculty members and students through paper presentations, speeches, debates and films.

**GOVT 402**  
American Political Ideas: The Founders  
3 hours  
The political thought of the Pilgrims, the Puritans, and the Founding Fathers, emphasizing the impact of Christianity upon American political ideas.

**GOVT 403**  
International Economics  
3 hours  
Principles of foreign trade and its impact on the domestic economy, means of restricting trade, the influence of the military systems and exchange and role of U.S. in underdeveloped areas.

**GOVT 405**  
Political and Economic Development  
3 hours  
(Offered fall semester odd numbered years)  
An analysis of the common problems of less developed countries in Africa, Asia, and Latin America with a survey of theories of development.

**GOVT 421**  
American Constitutional History  
3 hours  
A survey of American constitutional development from British and colonial origins to the present, emphasizing the history of the Supreme Court and the development of the constitutional framework.

**GOVT 422**  
American Constitutional Law  
3 hours  
(Offered spring semester)  
Prerequisite: GOVT 421  
An in-depth historical analysis of American constitutional law, emphasizing landmark Supreme Court decisions, especially in the field of civil liberties.

**GOVT 425**  
American Foreign Policy  
3 hours  
A course on U.S. Foreign policy since 1945. Emphasis is not on a detailed examination of events but rather on the practical use of history for public policy-making and management.

**GOVT 430**  
Comparative Economic and Political Ideas  
3 hours  
A comparison of capitalism, socialism and communism, emphasizing the ideas and ideologies that are struggling today across the world.

**GOVT 440**  
Political Geography  
3 hours  
(Offered spring semester)  
A study of the political, cultural, and economic dynamics of the international system with special attention given to its geo-strategic dimensions.

**GOVT 445**  
International Law  
3 hours  
(Offered spring semester)  
An examination of international organizations, their nature, political processes, and impact in different issue areas, including peacekeeping and security, international development, human rights, international monetary policy, and control of the seas.

**GOVT 451**  
Social Policy  
3 hours  
A survey of American social policy development with an emphasis on religion, education, information, civil rights and
health/reproduction policies. The social policy development process will be examined within the context of contemporary political institutions.

**GOVT 458 Public Policy Development in the Political Environment**  
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**  
Fiscal and military policy, taxation and the budget process in government.

**GOVT 470 Government Regulation of Business**  
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**  
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**  
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**  
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**  
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**  
Prerequisite: GOVT 480  
(Offered spring semester)  
This course will evaluate the main aspects of the war on terror. The course will focus on dilemmas relating to intelligence gathering, offensive and defensive actions taken against terrorist organizations, civil liberties and media coverage, and the strategies and approaches for combating terrorism.

**GOVT 483 Military Intelligence**  
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**  
(Offered spring semester, even number years)  
An upper-division course studying the concept of Strategic Intelligence, including the concept of fourth generation warfare, from the standpoint of the various intelligence agencies, the Department of State, and the Department of Defense.

**GOVT 485 NDU/NIS Symposia III**  
**GOVT 486 NDU/NIS Symposia IV**  
(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  
A critical examination of a variety of philosophical and social science methods that seek to explain and evaluate: political systems, behavior, ideologies, and collective decision-making. Special attention will be given to the political heritage of western/American civilization and the internal and external challenges it faces.

**GOVT 492 Senior Seminar**  
3 hours  
Prerequisite: Senior Standing or at least 21 upper division hours in Government  
The capstone course in Government provides – in the context of a biblical Christian worldview – an overview, discussion, and evaluation of leading figures, theories, subfields, and schools of thought within the broad field of political science.

**GOVT 495 Directed Research**  
1 to 3 hours  
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.

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**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**  
Prerequisite: GREK 201  
Continuation of GREK 201.

**Grek 301 Greek Grammar III**  
Prerequisite: GREK 202  
Continuation of GREK 202.

**Grek 302 Greek Syntax and Reading**  
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**  
Prerequisite: GREK 301  

**Grek 495 Directed Research in Greek**  
3 hours

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**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**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HBRW 201</td>
<td>Hebrew Grammar I</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HBRW 202</td>
<td>Hebrew Grammar II</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>An expansion of the foundation of Hebrew Grammar I, emphasizing mastery of the weak verb, introductory syntax, translation from various genre and additional vocabulary.</td>
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<tr>
<td>HBRW 495</td>
<td>Directed Research in Hebrew</td>
<td>3 hours</td>
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**HISTORY – EUROPEAN**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HIEU 201</td>
<td>History of Western Civilization I</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>A survey of the major currents in Western civilization from its beginnings in the ancient Near East to 1648.</td>
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<tr>
<td>HIEU 202</td>
<td>History of Western Civilization II</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>A survey of the major currents in Western civilization since 1648.</td>
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</tr>
<tr>
<td>HIEU 321</td>
<td>Greek Civilization</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: HIEU 201</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIEU 322</td>
<td>Roman Civilization</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: HIEU 201</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIEU 355</td>
<td>World War II</td>
<td>3 hours</td>
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<td></td>
<td>An examination of the causes, course, and consequences of World War II.</td>
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<tr>
<td>HIEU 360</td>
<td>The Medieval Experience</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: HIEU 201</td>
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<tr>
<td></td>
<td>An introduction to the main events and achievements of the period 300-1500 in the Latin, Byzantine and Muslim worlds.</td>
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<tr>
<td>HIEU 366</td>
<td>Foundations of the Modern Western World</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: HIEU 201</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIEU 370</td>
<td>Eighteenth Century Europe</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>Prerequisite: HIEU 201 or 202</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIEU 380</td>
<td>Nineteenth Century Europe</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>Prerequisite: HIEU 202 or 370</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIEU 390</td>
<td>Twentieth Century Europe</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>Prerequisite: HIEU 202 or 380</td>
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</tr>
<tr>
<td></td>
<td>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.</td>
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**HISTORY – RESEARCH AND METHODS**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>HIEU 450</td>
<td>Twentieth Century Germany</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>Prerequisite: HIEU 202 or 390</td>
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<tr>
<td></td>
<td>A 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.</td>
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</tr>
<tr>
<td>HIEU 460</td>
<td>Modern England</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>Offered as needed</td>
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<tr>
<td></td>
<td>The political, social and economic developments in England with emphasis on the era of English political, economic and diplomatic supremacy since the Industrial Revolution.</td>
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<tr>
<td>HIEU 485</td>
<td>History of Russia</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: HIEU 202 or consent of instructor</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIEU 495</td>
<td>Directed Research</td>
<td>1 to 3 hours</td>
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<tr>
<td>HIEU 497</td>
<td>Special Topics in European History</td>
<td>1 to 3 hours</td>
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</tbody>
</table>

**HISTORY – RESIDENT PROGRAMS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 299</td>
<td>Internship</td>
<td>0 hours</td>
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<tr>
<td></td>
<td>Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.</td>
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<td></td>
<td>Application procedures processed through the Career Center. Must apply semester prior to internship.</td>
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<tr>
<td>HIST 300</td>
<td>Historical Methodology</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: HIEU 201, 202, HIUS 221, or 222</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIST 419</td>
<td>Secondary Social Studies Teaching Methods</td>
<td>2 hours</td>
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<tr>
<td></td>
<td>Prerequisites: Approval for teacher training; have completed 50% of academic major</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>HIST 420</td>
<td>Secondary Teaching Methods Practicum</td>
<td>1 hour</td>
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<tr>
<td></td>
<td>Prerequisite: To be taken concurrently with HIST 419</td>
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<tr>
<td></td>
<td>Students will be required to prepare a unit, teach in a secondary classroom setting, and evaluate the experience.</td>
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<tr>
<td>HIST 490</td>
<td>Senior Seminar</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisites: HIST 300 and six hours of upper-level history courses</td>
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<td></td>
<td>Required capstone history seminar in a special field, emphasizing historiography and historical interpretation and requiring a major research paper.</td>
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<tr>
<td>HIST 497</td>
<td>Special Topics in History</td>
<td>3 hours</td>
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<tr>
<td></td>
<td>An in-depth study offered by members of the faculty on a selected topic of historical interest.</td>
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<tr>
<td>HIST 499</td>
<td>Field Research (Internship)</td>
<td>1 to 6 hours</td>
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<td></td>
<td>Prerequisites: Junior or Senior status and required GPA</td>
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<td></td>
<td>Application procedures processed through the Career Center. Must apply semester prior to completing internship.</td>
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<tr>
<td>COURSES OF INSTRUCTION – RESIDENT PROGRAMS</td>
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<tr>
<td><strong>HISTORY – UNITED STATES</strong></td>
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</tbody>
</table>
| 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, Ethnicity, 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  |

| **HISTORY – WORLD**                         |
| HIWD 320  History of Africa                3 hours  
Prerequisite: HIEU 201, 202, HIUS 221 or 222  
A comprehensive survey of African history. |
| HIWD 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. |
| HIWD 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. |
| HIWD 460  Atlantic World                   3 hours  
This course examines the social, cultural, political, and economic interactions of the Atlantic World from circa. 1492 – circa. 1825. |
| HIWD 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. |
| HIWD 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. |
| HIWD 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. |
| HIWD 495  Directed Research                1 to 3 hours  |
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 201  Applied Human Anatomy and Physiology I  3 hours
(Offered fall semester)
Prerequisite: Students must be enrolled in the Health Promotion (CHES) major

An examination of the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to the human body; the chemistry of life; the cells, tissues, and organization of the body; the blood; the cardiovascular system; the lymphatic system; the nervous system; the special senses; the endocrine system; and the respiratory system.

HLTH 202  Applied Human Anatomy and Physiology II  3 hours
(Offered spring semester)
Prerequisite: HLTH 201; students must be enrolled in the Health Promotion (CHES) major

A continuation of HLTH 201 that examines the structure, function, and pathology of the various body systems and their roles, relevance, and applications in health and illness. The course will employ virtual interactive cadaver dissection technology. The following topics are covered: introduction to nutrition; the digestive system; the urinary system; the skin; resistance and immunity; the musculoskeletal system; introduction to genetics; and the reproductive systems.

HLTH 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 301  Principles of Health Education  2 hours

Prerequisites: Sophomore status; students must be enrolled in the Health Promotion (CHES) program

This course provides core information about the Health Education discipline. Professional topics such as the history of the profession, scope of practice, ethics, advocacy, membership in professional organizations, community responsibilities, preparation for job interviews, and preparation for the CHES exam, are presented.

HLTH 330  Human Nutrition  3 hours
Prerequisites: Biology or chemistry course
Chemical structure, function, digestion, metabolism and biochemical interrelationships of nutrients relating to life cycle, current issues and diet selection.

HLTH 333  Exercise and Sports Nutrition  3 hours
Prerequisites: BIOL 213/214, 215/216
This course focuses on nutrition with an emphasis on its role in exercise and sport performance. Topics include: macro/micronutrient metabolism in relation to exercise, hydration, body composition, ergogenic aids, disordered eating, and current nutritional recommendations.

HLTH 350  Introduction to Public and Community Health  3 hours

An introduction to public and community health issues or problems at the local, state and national levels.

HLTH 380  Health Promotion for Aging Populations  3 hours
Prerequisite: Junior/Senior status or consent of instructor
The study of the process of aging and the interrelationships among the five dimensions of health as they relate to aging. Emphasis is placed on health promotion and disease prevention at all ages as the path to living a full life in later years.

HLTH 400  Contemporary Health Issues  3 hours
Prerequisite: Junior or Senior status
As an integrative study course, classes examine health trends in America. The focus is on personal health / medical decisions relevant to Christians. Topics include but are not limited to: marital choices, addictions, common infectious and chronic diseases, mental illness, aging, dying and death, and predictions of future health events of the next 50 years.

HLTH 402  The School Health Program  3 hours
Prerequisite: Junior status
School health program philosophy and K-12 curriculum are discussed with an emphasis on policies, procedures and methods for the teaching of health education.

HLTH 420  Principles of Behavior Change and Health Counseling  3 hours
(Offered spring semester)
Prerequisite: Junior status
A study of theory and practice of behavioral change or verification that leads to a healthy lifestyle. Group and individual intervention techniques with follow-up health counseling theory and application will be emphasized.

HLTH 440  Methods and Resources in Teaching Applied Sciences in Schools (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 (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 Program Planning and Evaluation in Health Education 3 hours
(Offered fall semester)
A study of the theories, models, and processes that reflect best practice in assessment, planning, implementation, and evaluation of health education programming.

HLTH 488 Infectious Disease 3 hours
Prerequisite: BIOL 203 or 303
Infection is the invasion and multiplication of micro-organisms in or on body tissue that produce signs and symptoms, as well as, an immune response. This course will examine the epidemiology of various bacterial, viral, fungal, protozoal, and helminthic infections, with application for students interested in health promotion and disease prevention at home, overseas, and on the mission field.

HLTH 491 Grantsmanship 3 hours
An introduction to the world of public, corporate and private foundations. Topic research, organizational communications, protocol, budget development and grant writing are emphasized skill areas.

HLTH 495 Directed Research 1 to 3 hours
HLTH 497 Special Topics in Health 1 to 3 hours
A comprehensive study of health promotion principles and problems in selected areas of health science which may include: stress management, weight control, environment, smoking cessation, family life education, human diseases, etc. (May be repeated to a total of six hours in different content areas.)

HLTH 499 Professional 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.

HUMN 301 Film as Art 3 hours
An intensive study of film theory, focusing both on international cinema and classic Hollywood films. This course emphasizes the unique aesthetic qualities of film as an expression of culture. The course covers such topics as auteur theory, genre criticism, montage, and the development of visual and narrative techniques.

HUMN 495 Directed Research 1 to 3 hours
HUMN 497 Special Topics in Humanities 1 to 3 hours

HEATING, VENTILATION, AIR CONDITIONING

HVAC 101 Foundations of HVAC 4 hours
Prerequisite: Co-requisite: CRFT 101
Foundations of HVAC is a practical course combining lecture and hands-on instruction. Topics include: Introduction to HVAC; Trade Math; Copper and Plastic Piping Practices; Soldering and Brazing; Ferrous Metal Pipe Practices; Basic Electricity; Introduction to Cooling; Introduction to Heating; Air Distribution Systems.

HVAC 201 Intermediate HVAC 4 hours
Prerequisite: HVAC 101
Intermediate HVAC is a practical course combining lecture and hands-on instruction. Topics include: Commercial Airside Systems; Chinnneys, Vents and Flues; Introduction to Hydraulic Systems; Air Quality Equipment; Leak Detection, Evacuation, Recovery and Charging; Alternating Current; Basic Electronics; Introduction to Control Circuit Troubleshooting; Troubleshooting Gas Heating; Troubleshooting Cooling; Heat Pumps; Basic Installation and Maintenance Practices; Sheet Metal Duct Systems; Fiberglass and Flexible Duct Systems.

HVAC 301 Advanced HVAC 4 hours
Prerequisite: HVAC 201
Advanced HVAC is a practical course combining lecture and hands-on instruction. Topics include: Refrigerants and Oils; Compressors; Metering Devices; Retail Refrigeration Systems; Commercial Hydraulic Systems; Steam Systems; Planned Maintenance; Water Treatment; Troubleshooting Electronic Controls; Troubleshooting Oil Heating; Troubleshooting Heat Pumps; Troubleshooting Accessories.

HVAC 401 Special Topics in HVAC 4 hours
Prerequisite: HVAC 301
Special Topics in HVAC is a practical course combining lecture and hands-on instruction. Topics include: Construction Drawings and Specifications; System Balancing; Indoor Air Quality; Energy Conservation Equipment; Building Management Systems; System Startup and Shutdown; Heating and Cooling System Design; Commercial and Industrial Refrigeration Systems; Alternative Heating and Cooling Systems; Introduction to Supervisory Skills.

INTERCULTURAL STUDIES

ICST 280/ Language Learning for Field Workers 3 hours
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/ LING 300  
Cultural Anthropology  
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  
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  
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  
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  
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  
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  
Intercultural Exposure Seminar  
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  
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)  
A supervised training practicum for the purpose of preparing student volunteers for team involvement in mission outreach.

ICST 415  
Church-Based Leadership Training  
Consideration is given to the historical development of Theological Education by Extension (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  
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  
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  
Small Groups/House Churches  
(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  
Introduction to Islam  
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  
An advanced 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  
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  
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)  
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  
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  
Experience in leading, planning and coordinating Liberty University 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.
<table>
<thead>
<tr>
<th>COURSES OF INSTRUCTION –RESIDENT PROGRAMS</th>
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<tr>
<td><strong>ICST 497</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>ICST 499</strong></td>
</tr>
<tr>
<td>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 for the internship have been completed with an approved rating. Application procedures processed through the Career Center. Must apply semester prior to completing internship.</td>
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<tr>
<td><strong>INFT 105</strong></td>
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<tr>
<td>An introduction to the information literacy skills and resources needed for academic research and lifelong learning. Students will learn to identify, assess, organize, and report resources needed for academic research and lifelong learning. An introduction to the information literacy skills and processes underlying skilled performance and the application of human motor/sport skills. Instructional emphases focuses on the historical development, philosophical perspectives, curricular programs, and current problems and issues of physical education.</td>
</tr>
<tr>
<td><strong>INFT 110</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>INFT 105</strong></td>
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<tr>
<td><strong>INTL 460</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>INTL 495</strong></td>
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<tr>
<td><strong>INTL 497</strong></td>
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<tr>
<td><strong>KINESIOLOGY</strong></td>
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<td><strong>KINE 101</strong></td>
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<tr>
<td>A basic course in fundamentals of personal physical fitness. Emphasis is given to concepts of aerobic exercise, strength and flexibility development.</td>
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<tr>
<td><strong>KINE 207</strong></td>
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<tr>
<td>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.</td>
</tr>
<tr>
<td><strong>KINE 208</strong></td>
</tr>
<tr>
<td>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.</td>
</tr>
<tr>
<td><strong>KINE 209</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>KINE 210</strong></td>
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<tr>
<td><strong>KINE 215</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>KINE 211</strong></td>
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<td><strong>KINE 212</strong></td>
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<td><strong>KINE 213</strong></td>
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<td><strong>KINE 214</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>KINE 215</strong></td>
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<td><strong>KINE 216</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>KINE 217</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>KINE 218</strong></td>
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<td>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.</td>
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<tr>
<td><strong>KINE 219</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>KINE 220</strong></td>
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<td>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.</td>
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<tr>
<td><strong>KINE 221</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>KINE 223</strong></td>
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<td>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.</td>
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<tr>
<td><strong>KINE 224</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td>COURSES OF INSTRUCTION – RESIDENT PROGRAMS</td>
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<td><strong>KINE 225</strong></td>
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| **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** | 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** | 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 322**  | **PE Student Aide: Elementary** | 1 hour (Offered spring semester) |
|              | Prerequisites: KINE 245; must be taken with KINE 450 |
|              | A sequence of selected practicum experiences designed to involve the student with actual assisting and teaching physical education to elementary school. The student is assigned a minimum of 20 hours of practicum work under the supervision of physical educators in a local elementary school. |

| **KINE 326**  | **PE Student Aide: Secondary** | 1 hour (Offered fall semester) |
|              | Prerequisites: KINE 245; must be taken with KINE 451 |
|              | An assigned practicum experience designed to involve the student actual assisting in teaching physical education classes in a middle or secondary school setting. The student must complete 20 hours of practicum work under the supervision of a physical educator in one of the local schools. |

| **KINE 333**  | **Adapted Physical Activity** | 2 hours |
|              | Prerequisite: Junior status |
|              | Methods of classification of exceptional students, program planning and teaching of activities appropriate to needs of the handicapped are examined. |

| **KINE 334**  | **Adapted Physical Activity Lab** | 1 hour |
|              | Prerequisite: Junior status |
|              | Teaching methods of activities appropriate to the needs of exceptional students are examined. Addresses the importance of adapting physical education programs to meet the unique needs of exceptional students. |

| **KINE 352**  | **Teaching Physical Education in the Elementary School** | 2 hours |
|              | Prerequisite: Junior status |
|              | An introduction to games and play activities which are suitable for elementary-aged students. Activity selection, planning and teaching methods are stressed. This course is designed for the elementary physical education concentration. |

| **KINE 404**  | **Administration and Organization of Physical Education, Exercise and Fitness** | 3 hours |
|              | Prerequisite: Junior status |
|              | A study of the problems and considerations involved in the successful management of physical education programs. Areas considered include program planning, budgeting, facility design and organization, and current organizational trends. |

| **KINE 435**  | **Seminar for Student Teachers** | 2 hours |
|              | Prerequisites: Admission to Student Teaching; taken concurrently with EDUC 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 495  **Independent Study**  1 to 3 hours  
Prerequisites: Permission of the Department Chairman, Junior status and a minimum cumulative GPA of 2.50  
A research-oriented project in an approved topical area or an independently-completed course of study in a specially designed area. Generally available only for Physical Education majors who have unusual and specific program needs.

KINE 497  **Special Topics in Kinesiology**  1 to 3 hours  

**LINGUISTICS**

LING 213  **Introduction to Linguistics**  3 hours  
Introductory, descriptive study of language, including syntactic, morphological, phonological, semantic, and pragmatic analysis of language. Students will choose one other area of the discipline of study, such as psycholinguistics, sociolinguistics, or language acquisition. (Formerly MLAN 213)

LING 280  **Field Language Learning**  3 hours  
A course for learning how to learn a foreign language without a teacher; especially designed for international workers.

LING 300  **Introduction to Cultural Anthropology**  3 hours  
A course designed to heighten awareness and understanding of our culturally diverse world, via the study of systems of human behavior for the purpose of improving understanding of, and relations between, people. Several case studies will be used to illustrate these systems. (Formerly MLAN 300)

LING 305  **Linguistic Analysis**  3 hours  
Prerequisites: LING 213  
In this course, students will learn how to analyze linguistic data in the fields of phonology, morphology, and syntax, through problem sets drawn from a wide variety of world languages.

LING 451  **Phonetics and Phonology**  3 hours  
Prerequisites: LING 213, 305  
This course concerns the analysis and voice production of sound systems that compose individual human languages. The purpose is to equip students to analyze and describe in phonological terms the inherent sound patterns and systematic variations that make up comprehensible speech.

LING 452  **Morphology and Syntax**  3 hours  
Prerequisite: LING 305  
This course provides a comprehensive introduction to morphological/syntactic theory and analysis. It requires students to formulate hypotheses and test them against data from English and other languages.

LING 453  **World Languages**  3 hours  
Prerequisites: LING 213, 305  
This course is a study of the phonology, morphology, and syntax of a selection of world languages which illustrate both the similarities and the differences among languages. Syntactic and morphological features will be observed in terms of their typological implications and the question of language universals.

LING 495  **Directed Research**  1 to 3 hours  
Prerequisite: Junior or senior status  
Students who qualify will pursue studies of a particular interest as approved and supervised by the instructor. Must apply semester prior to completing internship.

LING 499  **Internship in Linguistics**  3 hours  
Prerequisites: Junior or senior status, 3:00 GPA, two courses in minor above 200 level.  
Professional-supervised experience in first-hand internship opportunities in Linguistics. Application procedures processed through the Career Center. Must apply semester prior to internship.

**MASONRY**

MASN 101  **Foundations in Masonry**  4 hours  
Co-/Prerequisite: CRFT 101  
Foundations of Masonry is a practical course combining lecture and hands-on instruction. Topics include: Introduction to Masonry; Masonry Tools and Equipment; Measurements, Drawings and Specifications; Mortar; Masonry Units and Installation Techniques.

MASN 201  **Intermediate Masonry**  4 hours  
Prerequisite: MASN 101  
Intermediate Masonry is a practical course combining lecture and hands-on instruction. Topics include: Residential Plans and Drawing Interpretation; Residential Masonry; Grout and Other Reinforcement; Metal Work in Masonry; Advance Laying Techniques; Construction Techniques and Moisture Control; Construction Inspection and Quality Control.

MASN 301  **Advanced Masonry**  4 hours  
Prerequisite: MASN 201  
Advanced Masonry is a practical course combining lecture and hands-on instruction. Topics include: Masonry in High Rise Construction; Specialized Materials and Techniques; Repair and Restoration.

MASN 401  **Special Topics in Masonry**  4 hours  
Prerequisite: MASN 301  
Special Topics in Masonry is a practical course combining lecture and hands-on instruction. Topics include: Commercial Drawings; Estimating; Site Layout-Distance Measurement and Leveling; Introductory Skills for the Crew Leader.

**MATHMATICS**

**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 higher-numbered mathematics course. This course may not be used in meeting General Education requirements in mathematics. (Developmental Math is a component of the Bruckner Learning Center.)

MATH 108  **Elementary and Intermediate Algebra**  3 hours  
This course is a self-paced computer-based review of rational numbers, exponents, polynomials, factoring, roots and radicals, graphing, rational expressions, equations and inequalities, systems of linear equations, and problem solving. It meets the prerequisite requirements for MATH 115, 117, 121, 125, 201, 217. Credit may not be earned for both MATH 108 and 110. This course may not be used to meet the General Education Requirements. (Developmental Math is a component of the Bruckner Learning Center.)
### COURSES OF INSTRUCTION – RESIDENT PROGRAMS

**MATH 110 Intermediate Algebra** 3 hours  
Prerequisite: MATH 100  
Review of exponents, polynomials, factoring, roots and radicals, graphing, rational expressions, equations and inequalities, systems of linear equations and problem solving. This course may not be used to meet the General Education requirement. (Developmental Math is a component of the Bruckner Learning Center.)

**MATH 112 Technical Mathematics** 3 hours  
Prerequisite: MATH 110, 480+ on SAT Math, or 19+ on ACT Math.  
Technical Mathematics presents a review of arithmetic, elements of algebra, geometry, trigonometry, and vectors. Direct applications are made to technical study areas. Only fulfills General Education requirements for AAS degrees.

**MATH 115 Mathematics for Liberal Arts** 3 hours  
Prerequisite: MATH 110, minimum grade of “C”  
A survey course for liberal arts majors including a review of algebra and an introduction to logic, probability and statistics, mathematical structure, problem solving, number theory, geometry and consumer applications.

**MATH 117 Elements of Mathematics** 3 hours  
Prerequisite: MATH 110, minimum grade of “C”  
A development of basic concepts of elementary mathematics, including problem solving, logic, sets and binary operations, the natural numbers and their properties, deductive reasoning and the nature of proof, the integers, rational numbers, real numbers and their properties, relations, functions, and graphs.

**MATH 121 College Algebra** 3 hours  
Prerequisite: MATH 110, minimum grade of “C”  
Fundamental concepts of college algebra including sets, equations and inequalities, functions and graphs, polynomials, rational functions, exponential and logarithmic functions, linear inequalities, and linear programming.

**MATH 122 Trigonometry** 3 hours  
Prerequisite: MATH 121, minimum grade of “C”  
Emphasizes the circular functions, their graphs and their inverses. A study of the trigonometric functions and their applications is included.

**MATH 125 Finite Mathematics** 3 hours  
Prerequisite: MATH 110, minimum grade of “C”  
An introduction to symbolic logic, principles of counting, elementary probability, matrices, vector spaces, and linear programming.

**MATH 126 Elementary Calculus for Business and Science** 3 hours  
Prerequisite: MATH 121, minimum grade of “C”  
An introduction to differential and integral calculus with emphasis on applications in the areas of business and science. For non-mathematics majors only.

**MATH 128 Elementary Functions and Coordinate Geometry** 4 hours  
Prerequisite: MATH 121, minimum grade of “C”  
A pre-calculus course that includes the study of elementary functions, their graphs and applications including polynomial, rational, algebraic functions, exponential, logarithmic and circular or trigonometric functions. For students with strong high school preparation in mathematics but who are not ready for calculus.

**MATH 131 Calculus and Analytic Geometry I** 4 hours  
Prerequisites: MATH 128, minimum grade of “C”  
Functions and graphs, exponential, logarithmic, inverse trigonometric, limits, the derivative, techniques of differentiation, continuity, applications of differentiation, L’Hospital’s Rule, the integral. (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.

**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”  
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  
Prerequisite: MATH 211, minimum grade of “C”  
Optimization (linear programming, Lagrange multipliers, etc.), transportation problems, applied probability (queuing theory, Markov chains, elementary theory of simulations), theory of games, decisions under uncertainty.
MATH 302 Introduction to Experimental Design in Statistics 3 hours
Prerequisite: MATH 211, minimum grade of “C”
Analysis of variance and block designs; simple linear regression, correlation and multiple regression; nonparametric statistics, chi-square tests.

MATH 305 Modern Geometry 3 hours
Prerequisite: MATH 200 or 250, minimum grade of “C”
A treatment of the foundations of modern Euclidean geometry and an introduction to non-Euclidean geometry with emphasis on hyperbolic geometry. Especially recommended for prospective high school mathematics teachers. Required for Virginia Licensure.

MATH 307 Introductory Number Theory 3 hours
Prerequisite: MATH 200 or 250, minimum grade of “C”
Divisibility, the Euclidean algorithm, greatest common divisor, primes and unique factorization, congruences, 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
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
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
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
Prerequisite: At least one upper-level mathematics course with a minimum grade of “C”
The development of mathematics from ancient to modern times (19th century BC-19th century AD). Special emphasis is given to the period of the Greeks (600 BC - 200 AD), the development of the calculus (17th century), and the “modern” period (19th century).

MATH 401 Introduction to Mathematical Statistics 3 hours
Prerequisites: MATH 211 and 231, minimum grades of “C”
Probability concepts, 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
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.

MATH 420 Teaching Mathematics in Secondary Schools Practicum 1 hour
As the students are developing proficiency in planning for mathematics instruction, evaluating and learning, they will also gain practical experiences by delivering instruction in a peer setting and/or regular school setting with videotaping. Each presentation is to be critiqued by the “teacher,” the course instructor and the student peers.

MATH 421 Elementary Abstract Algebra I 3 hours
Prerequisite: MATH 321, minimum grade of “C”
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
Prerequisite: MATH 421, minimum grade of “C”
A continuation of MATH 421. The theory of rings and fields, integral domains, and the theory of polynomials.

MATH 431 Real Analysis 3 hours
Prerequisite: MATH 231 and 321, minimum grades of “C”
The real number system, 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 a 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 151</td>
<td>Strings, Brass, Woodwinds, Percussion (Freshman)</td>
<td>1 or 2 hours</td>
</tr>
<tr>
<td>MUSC 179</td>
<td>Guitar Ensemble I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 180</td>
<td>University Chorale I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 181</td>
<td>Concert Choir I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 182</td>
<td>Chamber Singers I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 183</td>
<td>Jazz Ensemble I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 184</td>
<td>Marching Band I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 185</td>
<td>Symphony Orchestra I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 186</td>
<td>Brass Choir I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 188</td>
<td>Woodwind Choir I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 192</td>
<td>Percussion Ensemble</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 194</td>
<td>Wind Ensemble I</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 205</td>
<td>Music Theory III</td>
<td>3 hours</td>
</tr>
<tr>
<td>MUSC 206</td>
<td>Music Theory IV</td>
<td>3 hours</td>
</tr>
<tr>
<td>MUSC 207</td>
<td>Aural Skills III</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 208</td>
<td>Aural Skills IV</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 211</td>
<td>Voice (Sophomore)</td>
<td>1 or 2 hours</td>
</tr>
<tr>
<td>MUSC 243</td>
<td>Class Piano Level III</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 244</td>
<td>Class Piano Level IV</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 245</td>
<td>Class Piano Level V</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 246</td>
<td>Class Piano Level VI</td>
<td>1 hour</td>
</tr>
<tr>
<td>MUSC 251</td>
<td>Strings, Brass, Woodwinds, Percussion and Guitar (Sophomore)</td>
<td>1 or 2 hours</td>
</tr>
<tr>
<td>MUSC 304</td>
<td>Keyboard Pedagogy</td>
<td>3 hours</td>
</tr>
</tbody>
</table>
MUSC 309 Orchestration 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.
MUSC 311 Music History Before 1750 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.
MUSC 312 Music History Since 1750 3 hours
(Offered spring semester)
Prerequisites: MUSC 105, 106, 205 and 206
A systematic survey of music history since the Baroque era.
MUSC 316 Choral Conducting 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.
MUSC 317 Instrumental Conducting 2 hours
(Offered spring semester)
Prerequisites: MUSC 105 and 106
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.
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
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 399 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 407</td>
<td>Solo Vocal Literature</td>
<td>3 hours</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 408</td>
<td>Vocal Pedagogy</td>
<td>3 hours</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 411</td>
<td>Marching Band Techniques</td>
<td>2 hours</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 437</td>
<td>Elementary Music Methods and Materials</td>
<td>2 hours</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 438</td>
<td>Elementary Music Methods and Materials Practicum</td>
<td>1 hour</td>
<td>Offered spring semester. Prerequisite: Admission to the Teacher Licensure Program; taken concurrently with MUSC 438. 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.</td>
</tr>
<tr>
<td>MUSC 441</td>
<td>Keyboard Instruments (Senior)</td>
<td>1 or 2 hours</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 451</td>
<td>Strings, Brass, Woodwinds Percussion and Guitar (Senior)</td>
<td>1 or 2 hours</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 470</td>
<td>Opera Workshop</td>
<td>1 hour</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 477</td>
<td>Guitar Pedagogy</td>
<td>3 hours</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 479</td>
<td>Guitar Ensemble II</td>
<td>1 hour</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 480</td>
<td>University Chorale II</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters of MUSC 180. Continuation of MUSC 180.</td>
</tr>
<tr>
<td>MUSC 481</td>
<td>Concert Choir II</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters of MUSC 180, 181 and/or 182. Continuation of MUSC 181.</td>
</tr>
<tr>
<td>MUSC 482</td>
<td>Chamber Singers II</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters of MUSC 180, 181 and/or 182. Continuation of MUSC 182.</td>
</tr>
<tr>
<td>MUSC 483</td>
<td>Jazz Ensemble II</td>
<td>1 hour</td>
<td>Prerequisites: Fall Audition, membership in Marching and/or Wind Ensemble, and 4 semesters of MUSC 183. Continuation of MUSC 183.</td>
</tr>
<tr>
<td>MUSC 484</td>
<td>Marching Band II</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters of MUSC 184 and/or 185. Continuation of MUSC 184.</td>
</tr>
<tr>
<td>MUSC 485</td>
<td>Symphony Orchestra II</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters of MUSC 184, 194, and/or 185. Continuation of MUSC 185.</td>
</tr>
<tr>
<td>MUSC 486</td>
<td>Brass Choir II</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters of MUSC 186. Continuation of MUSC 186.</td>
</tr>
<tr>
<td>MUSC 488</td>
<td>Woodwind Choir II</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters of MUSC 188. Continuation of MUSC 188.</td>
</tr>
<tr>
<td>MUSC 490</td>
<td>Secondary Music Methods and Materials</td>
<td>2 hours</td>
<td>Offered fall semester. Prerequisite: Admission to the Teacher Licensure Program; taken concurrently with MUSC 491. An exploration of middle school and high school music methods and materials. The development of general music programs and choral and instrumental programs are emphasized. Topics include methods of assessment, communication, and classroom teaching procedures.</td>
</tr>
<tr>
<td>MUSC 491</td>
<td>Secondary Music Methods and Materials Practicum</td>
<td>1 hour</td>
<td>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.</td>
</tr>
<tr>
<td>MUSC 492</td>
<td>Percussion Ensemble</td>
<td>1 hour</td>
<td>Prerequisite: Four semesters in MUSC 192. Continuation of MUSC 192.</td>
</tr>
<tr>
<td>MUSC 494</td>
<td>Wind Ensemble II</td>
<td>1 hour</td>
<td>Offered spring semester. Prerequisite: Four semesters of MUSC 184 and/or 194. Continuation of MUSC 194.</td>
</tr>
<tr>
<td>MUSC 495</td>
<td>Directed Research</td>
<td>1 to 3 hours</td>
<td>Directed research into musico logical 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 desired.</td>
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</tbody>
</table>
### COURSES OF INSTRUCTION – RESIDENT PROGRAMS

**Nursing**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>NURS 101</td>
<td>Introduction to Nursing</td>
<td>1</td>
</tr>
<tr>
<td>NURS 115</td>
<td>Sciences in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 200</td>
<td>Nursing Process Application</td>
<td>2</td>
</tr>
<tr>
<td>NURS 210</td>
<td>Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NURS 225</td>
<td>Internship</td>
<td>0</td>
</tr>
<tr>
<td>NURS 299</td>
<td>Internship</td>
<td>0</td>
</tr>
<tr>
<td>NURS 301</td>
<td>Strategies for Adult Health Care I</td>
<td>5</td>
</tr>
<tr>
<td>NURS 302</td>
<td>Strategies for Adult Health Care II</td>
<td>5</td>
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**Environmental Science**

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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>NASC 315</td>
<td>Environmental Science</td>
<td>4</td>
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**Medical Terminology**

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<tr>
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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>NURS 225</td>
<td>Internship</td>
<td>0</td>
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</table>

**Fundamentals in Nursing**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NURS 299</td>
<td>Internship</td>
<td>0</td>
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</table>

**Liberal Arts and Sciences**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MUSC 497</td>
<td>Special Topics in Music</td>
<td>1 to 3</td>
</tr>
<tr>
<td>MUSC 498</td>
<td>Senior Recital</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 499</td>
<td>Internship</td>
<td>1 to 6</td>
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</table>

**Prerequisites:**

- Junior or Senior status and required GPA
- In-depth study of music materials used by the participant in preparation and presentation of senior recital.
- Orientation to music teaching in the church, survey of current practices, and observation of live rehearsals.

**Natural Science**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NURS 210</td>
<td>Health Assessment</td>
<td>3</td>
</tr>
</tbody>
</table>

**Prerequisites:**

- Admission to the Nursing Major
- Required GPA
- In-depth study of nursing materials used by the participant in preparation and presentation of senior recital.
- Orientation to music teaching in the church, survey of current practices, and observation of live rehearsals.

**Fundamentals in Nursing**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NURS 299</td>
<td>Internship</td>
<td>0</td>
</tr>
</tbody>
</table>

**Prerequisites:**

- Junior or Senior status and required GPA
- In-depth study of music materials used by the participant in preparation and presentation of senior recital.
- Orientation to music teaching in the church, survey of current practices, and observation of live rehearsals.
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 Pharmacy

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 Pharmacy II

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

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

(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

(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

(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

(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

(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

(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

Prerequisites: NURS 201, 215, 221, 301 or permission of the instructor

This course focuses on the physical, emotional, legal and ethical issues that face nurses as they care for patients in their final days of life. Attention is paid to the lived experiences of the dying patient and their significant others. Strategies are discussed for professional intervention on behalf of the patient.

NURS 420 Comprehensive Pain Management

(3 hours lecture; 6 hours clinical)

Prerequisites: NURS 210, 215, 221, 301, 303, 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

(3 hours lecture; 6 hours clinical)

Prerequisites: BIOL 203, NURS 301, 302, 352 and 353

This course focuses on the application of the nursing process to a population or community group. Emphasis is placed on community assessment process and the development of nursing strategies to assist multi-problem families, considering health on a continuum, throughout the lifespan. Family systems theory, theories of adaptation and educational needs of various populations will be
addressed. The clinical focus is on the development of a broader perspective of the nurse’s role in a variety of clinical and environmental settings. In addition, the nurse’s role on the community health team and an understanding of health care needs of different cultural groups will be studied.

**NURS 445 Population Health**  
Prerequisites: NURS 301, 302, 305, 306, 352, and 353  
This seminar course provides an overview of genetics, genomics, geriatrics, end-of-life care, and cultural sensitivity from a Christian worldview. Through the use of evidence-based practice guidelines, the student will utilize knowledge and skills attained throughout their nursing education and apply it to a variety of educational activities. These include Senior Mentor project, interaction with a community specialist panel, evidence-based research, self-reflection, therapeutic communication and critical thinking skills.

**NURS 451 Strategies for Mental Health Care**  
(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**  
(2.5 hours lecture; 4.5 hours clinical)  
Prerequisites: NURS 301, 302, 352 and 353  
This course focuses on application of the nursing process in highly complex and/or life threatening situations, including the effect of crises on the patient and family systems. Knowledge from previous courses is expanded upon to provide a deeper understanding of the pathophysiology and the advanced health care needed in this highly technological setting. Clinical experiences focus on the management of total patient care of individuals with multi-system dysfunction, in collaboration with the involved nursing staff and physicians. Legal, ethical, political, historical and economic issues are addressed in the theoretical and clinical components of this course.

**NURS 465 Advanced Strategies for the Critically Ill**  
(2 hours lecture; 3 hours clinical)  
Prerequisites: All Junior-level nursing courses and NURS 460  
This course focuses on application of the nursing process in highly complex and/or life threatening situations. Content builds upon knowledge gained in previous courses, with an emphasis on the integration of this knowledge in a challenging patient population. A holistic approach is utilized, with psychosocial, legal, and ethical considerations discussed.

**NURS 490 Leadership/Management in Nursing**  
(3 hours lecture; 6 hours clinical)  
Prerequisites: NURS 301, 302, 352 and 353  
**NOTE:** Must be taken the last semester of nursing major  
Benner’s work on the novice to expert continuum and the seven domains of nursing will be explored and students will apply concepts to their own practices, both past, present and future. The leadership roles of the nurse as an individual and a group member while utilizing the Christian principles such as godly character, servant attitude, honest and commitment will be emphasized. While caring for groups of patients and individuals, students will explore a variety of content areas including systems theory, professional practice models, care delivery models, nurse sensitive quality indicators, foundational documents that drive the nursing profession, financial

that are relevant to supporting care in the practice setting, the influence of regulatory agencies on the delivery of care and health policies that affect health care in general. Students are expected to synthesize previously learned knowledge in complex nursing situations and to expand their abilities to use the problem-solving and decision-making processes.

**NURS 495 Directed Research**  
1 to 3 hours

**PHILOSOPHY**

**Note:** PHIL 201 is a prerequisite to all PHIL courses

**PHIL 201 Philosophy and Contemporary Ideas**  
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**  
A study of the basic laws of rational thought and their application to actual examples of verbal and written argumentation.

**PHIL 240 Christian Evidences**  
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**  
A study of major western philosophers through Thomas Aquinas.

**PHIL 302 History of Philosophy II**  
A study of major western philosophers from the 13th century to Kant.

**PHIL 303 History of Philosophy III**  
A study of major western philosophers of the 19th and 20th Centuries.

**PHIL 346 Eastern Philosophies**  
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**  
A survey of central ethical issues and problems and the major philosophical approaches to their solution.

**PHIL 360 Philosophy of Science**  
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**  
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**  
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**  
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**  
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 1-hour weekly laboratory experience to accompany PHYS 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 PHYS 210.

PHSC 310  Astronomy: An Integrated Approach  4 hours
- Prerequisite: PHYS 101 or PHYS 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 PHYS 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 or 132, minimum grade of “C”
- (MATH 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
- Prerequisite: PHYS 494
- A continuation of PHYS 494.
Water Heaters; Fuel Gas Systems; Servicing of Fixtures, Valves and Faucets.

PLMB 301 Advanced Plumbing 4 hours
Prerequisite: PLMB 201
Advanced Plumbing is a practical course combining lecture and hands-on instruction. Topics addressed include: Applied Math; Sizing Water Supply Piping; Potable Water Treatment; Backflow Preventers; Types of Venting; Sizing DWV and Storm Systems; Sewage Pumps and Sump Pumps; Corrosive-Resistant Waste Piping; Compressed Air.

PLMB 401 Special Topics in Plumbing 4 hours
Prerequisite: PLMB 301
Special Topics in Plumbing is a practical course combining lecture and hands-on instruction. Topics addressed include: Business Principles for Plumbers; Introductory Skills for the Crew Leader; Water Pressure Booster and Recirculation Systems; Indirect and Special Waste; Hydronic and Solar Heating Systems; Codes; Servicing Piping Systems, Fixtures and Appliances; Private Water Supply Well Systems; Private Waste Disposal System; Swimming Pools and Hot Tubs; Plumbing for Mobile Homes and Travel Trailers.

PSYCHOLOGY

PSYC 101 General Psychology 3 hours
Introduction to Psychology as a scientific discipline concerned with the study of behavior. Consideration will be given to such topics as human development, motivation, emotion, perception, learning, personality, intelligence, measurement and applied areas.

PSYC 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 Psychology courses.

PSYC 221 Psychology of Childhood 3 hours
A study of child growth and development from birth to puberty. Examination of the basic theories principles and practices of childhood training and education.

PSYC 231 Psychology of Adolescence 3 hours
An investigation of the psychological and environmental factors related to puberty, peer identification and identity conflict in the adolescent. Emphasis will be upon the development of self-identity and the problems faced by the American adolescent.

PSYC 235 Psychology of Adulthood 3 hours
The focus will be on viewing adult development as an integrative, dynamic and continuous process terminated only at death. The whole span of adulthood will be examined, including retirement and old age.

PSYC 255 Introduction to Research 3 hours
An introduction to psychological research techniques and methodology designed to improve students’ understanding of the basic issues in the scientific methods of the social sciences. The goals of the course are: to improve students’ understanding of the concepts related to research methodology; to improve the students’ ability to communicate ideas about science, including a significant amount of writing; and survey of both quantitative and qualitative research methods.

PSYC 299 Internship 0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Selected topics in psychology will be treated at an advanced level. Experience will be acquired in clinic settings and through exposure/intern opportunities. Application procedures processed through the Career Center. Must apply semester prior to internship.

PSYC 300/ Psychology of Relationship Development 3 hours
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
Consumer Psychology is the study of individuals, groups, or organizations and the processes they use to select, secure, use, and
disposal 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 exceptionalism will be surveyed to provide undergraduate students with a first contact with the field of exceptionality. The focus is cognitive content-based rather than experiential. Characteristics of children and families will be evaluated, according to theories of human development.

**PSYC 350 Bibliotherapy** 3 hours
Bibliotherapy is a study of the history, methodologies, and applications of the use of therapy through books and as a process of dynamic interaction between the personality of the reader and literature. Literature for children and adolescents is presented as a tool and a backdrop for counseling troubled clients with needs similar to those of characters presented in the literature. Appropriate bibliographies with assigned readings are combined with topics on issues of common concern. Students are given the opportunity to explore personal issues as well as those expected to be encountered in social service settings.

**PSYC 351 Multicultural Counseling and Research Issues** 3 hours
Mental health counseling should assist students to take their own backgrounds into account before learning about counseling approaches which center around techniques shown to be multiculturally effective. The importance of therapist characteristics will be emphasized. Additionally, research leading to the misunderstanding of minority culture members will be critiqued as the value of objective scientific reporting is recognized to be critical to advancement in the mental health field.

**PSYC 355 Statistics in Psychology** 3 hours
Prerequisites: MATH 201 and 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
Prerequisite: This course does not require PSYC 101 or 210
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 work of historically eminent psychologists.

**PSYC 405 Group Dynamics** 3 hours
The study of human personality in relationship to other persons, singularly and in groups. The application of the principles of group dynamics to business, industry, public and private life will be examined in theory and demonstrated with exercises.

**PSYC 406 Addictions and the Recovery Process** 3 hours
Prerequisite: PSYC 306 or permission of the instructor
This course provides to students knowledge of addictions and the recovery process. Students will learn about dual diagnosis, co-morbid issues, adjunctive treatment and support, addiction and special populations (women, adolescents, same-sex attraction, etc.), codependency, relapse prevention, crisis management and counseling and HIV.

**PSYC 407 Addictions Groups, Ethics and the Community** 3 hours
Prerequisites: PSYC 371 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 with analyze and evaluate assigned texts and novels comparing aspects of ten religions and how psychological theories coincide with each system.

**PSYC 420 Psychology and the Bible** 3 hours
Prerequisite: PSYC 410 or permission of the instructor
Based on the history of the theories of psychology, students will analyze the psychological views of humanity. Biblical views of Christian writers will be used to examine the foundations of a sample of current psychological theories.

**PSYC 421 Psychological Measurement** 3 hours
Prerequisite: PSYC 355
A study of standardized tests in psychology, counseling and education. Includes personality, aptitude, general ability,
achievement and interest tests. Elementary statistics necessary to test
usage and interpretation will be a part of the course.

**PSYC 430 Abnormal Psychology** 3 hours
Prerequisite: PSYC 341
A study of neurotic and psychotic behavior including origin,
classification, symptoms and a survey of diagnosis, therapy and
prevention.

**PSYC 440 Experimental Design in Research: Application and Construction** 3 hours
Prerequisite: PSYC 355
Acquaints the prospective research experimentalist in the
behavioral sciences with a number of the basic principles used in the
construction of experimental designs.

**PSYC 460 Counseling Processes and Techniques** 3 hours
Prerequisites: PSYC 341 and 371
Theory and practice of counseling will be treated in an
experiential, group-practice manner. Students will be exposed to
counseling issues at a level commensurate with senior status and entry into the community workplace.

**PSYC 475 Psychology of Criminal Behavior** 3 hours
Prerequisites: PSYC 101 or 210 or SOCI 200, and PSYC 341 and PSYC 430
An examination of the factors that contribute to criminal behavior, including various psychopathological and sociological aspects.

**PSYC 495 Directed Research** 1 to 3 hours
Prerequisite: PSYC 355 and PSYC 440
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 497 Special Topics in Psychology** 3 hours
Prerequisite: 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**

**NOTE:** All students must maintain a “C” or higher for all Sport Management courses.

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<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
<th>HOURS</th>
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<tbody>
<tr>
<td><strong>SMGT 200</strong></td>
<td><strong>Introduction to Sport Management</strong></td>
<td>3 hours</td>
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<tr>
<td>This course is designed to provide students with an introduction to the skills and competencies required to pursue career opportunities in the sport industry.</td>
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| **SMGT 201** | **History of Sport** | 3 hours |
| This course investigates the historical development of sport and recreational activities practiced in North America. Major influences on the development of sport are examined including religious beliefs, social and cultural values, economics, politics, and technological advances. |

| **SMGT 205** | **Practicum** | 3 hours |
| Prerequisite: SMGT 200 and 201 or concurrent enrollment |
| Supervised work experience in a sport administration area by the student with approval of advisor. |

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<tbody>
<tr>
<td><strong>SMGT 300</strong></td>
<td><strong>Introduction to Coaching</strong></td>
<td>3 hours</td>
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<tr>
<td>Prerequisite: Sophomore status</td>
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<tr>
<td>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.</td>
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| **SMGT 302** | **Sport Facilities and Events** | 3 hours |
| Prerequisites: Completion of all 200-level SMGT courses, BUSI 201 or consent of instructor |
| This course is designed to provide students with an overview of facility planning and design, facility operations, and event management. |

| **SMGT 304** | **Coaching Football** | 3 hours |
| (Offered in the fall semester) |
| Prerequisite: Junior status |
| An examination of the theories, techniques, and styles of coaching football. Multiple offensive and defensive strategies are explored. |

| **SMGT 305** | **Sport Law** | 3 hours |
| Prerequisites: Completion of all 200-level SMGT courses, BUSI 201 or consent of instructor |
| With a managerial approach to legal issues, this course will examine the influences of current state and federal legislation, collective bargaining agreements, regulation agencies, employee-employer relations, contracts and educational enterprises in relation to sport management. |

| **SMGT 306** | **Coaching Basketball** | 3 hours |
| (Offered in the spring semester) |
| Prerequisite: Junior status |
| A study of the theories, methods, organization, and techniques of teaching and coaching of basketball skills and team play. |

| **SMGT 307** | **Coaching Fall Sports** | 3 hours |
| (Offered in the fall semester) |
| Prerequisites: Coaching minors must have completed SMGT 300. All non-coaching minors must obtain the consent of the instructor. |
| This course will function as an orientation to the coaching of specific individual and team sports. Furthermore, the course is designed to evaluate the knowledge and skill proficiencies (competencies) of coaching minors in selected sport and activities. The sports covered in this course are: volleyball, cross country/track and field and soccer. |

| **SMGT 308** | **Coaching Spring Sports** | 3 hours |
| (Offered in the spring semester) |
| Prerequisites: Coaching minors must have completed SMGT 300. All non-coaching minors must obtain the consent of the instructor. |
| This course will function as an orientation to the coaching of specific individual and team sports. Furthermore, the course is designed to evaluate the knowledge and skill proficiencies (competencies) of coaching minors in selected sport and activities. The sports covered in this course are: tennis, baseball/softball, and golf. |

| **SMGT 310** | **Communication in Sport** | 3 hours |
| Prerequisites: Completion of all 200-level SMGT courses; BUSI 201, ENGL 101, 102, COMS 101 |
| This course is a macro analysis of the field from personal, organizational, and external perspectives. Special attention is given to historical and theoretical features of the field, personal and organizational process, sport media, services and support systems, and sociological and legal aspects of sport. |

| **SMGT 312** | **Sport Ministry** | 3 hours |
| Prerequisites: Completion of all 200-level SMGT courses. Open to all non-SMGT majors. |
| This course will explain the inter-relationships between sport and religion while examining the impact of Muscular Christianity |
and sport ministry in North America. Tools and guidelines for preparing, organizing and administering a sport ministry program will also be examined.

SMGT 314  Officiating in Athletics  2 hours  
(Offered in spring semester)  
A study of rules, game procedures, methods and practice in officiating athletic activities.

SMGT 399  Interim Internship  3 hours  
Prerequisites: Completion of all 200-level SMGT courses or consent of the instructor  
A SMGT directed elective that will consist of supervised work experience approved in advance by the professor in a sport administration and/or management cognate (administration, aquatics, promotion, marketing, directing, fitness). Application procedures processed through the Career Center.

SMGT 400  Sport Psychology  3 hours  
(Offered in the spring semester)  
Prerequisite: Completion of all 300-level SMGT courses, or consent of instructor. Open to all non-SMGT majors.  
Coaching Minors: This is a required course.  
This course is 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 and Recreation  3 hours  
Prerequisites: Junior status, completion of all 200-level SMGT courses, SMGT 302 and 305, or consent of the instructor  
A study of the problems and considerations involved in the successful management of sport and recreation programs. Areas considered include program planning, organization, leadership and evaluation, and current organizational trends.

SMGT 405  Sport Finance  3 hours  
Prerequisite: Completion of all 200- and 300-level SMGT courses  
Economic marketing and finance theories applied to sport organizations, with special emphasis on the impact of sport upon the proximate community, and general development of cities and sport facilities.

SMGT 406  Issues and Trends in Sport  3 hours  
Prerequisite: Completion of all 200- and 300-level SMGT courses  
A basic understanding of the developments, trends and social processes that explain the widely popular sporting experiences of society today.

SMGT 410  Sport Marketing  3 hours  
Prerequisite: Completion of all 200- and 300-level SMGT courses  
The relevant areas of marketing are applied to sport applications for spectator and participative sport organizations are given. Special emphasis is placed on strategic planning, product analysis, and the development and presentation of marketing packages to secure sponsorship.

SMGT 495  Directed Research  1 to 3 hours  
SMGT 497  Special Topics in Sport Management  1 to 3 hours  
Prerequisite: Completion of all SMT 200-level courses  
SMGT 499  Internship  1 to 12 hours  
Prerequisite: Completion of all 200- and 300-level SMGT courses; 2.25 GPA; 90 hours completed; or 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.

**SOCILOGY**

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  
(Offers 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
This is an introductory course designed to place emphasis on functional grammar, practical vocabulary, listening skills and conversation in Spanish. This course will served as a basis for further development of fluency in reading, writing, understanding, and speaking the language.

SPAN 102   Elementary Spanish II  3 hours
Prerequisite: SPAN 101, or placement score
This is a continuation of the beginning course, Spanish 101, emphasizing the development of functional grammar, practical vocabulary, listening, reading and writing skills in Spanish. This course is designed to further develop fluency in reading, writing, listening comprehension and speaking in the language.

SPAN 201   Intermediate Spanish I  3 hours
Prerequisite: SPAN 102, or placement score
This is an intermediate course designed to place continued emphasis on functional grammar, practical vocabulary, listening exercises and conversation in Spanish. This course expands the basic proficiencies in speaking, listening, reading and writing the language acquired in Spanish 101 and 102. This course is conducted primarily in Spanish.

SPAN 202   Intermediate Spanish II  3 hours
Prerequisite: SPAN 201, or placement score
Readings in Spanish literature as the starting point for written and orally interactive activities in Spanish, with special emphasis on Spanish grammar, vocabulary and idioms.

SPAN 299   Internship  0 hours
Prerequisites: Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
Application procedures processed through the Career Center. Must apply semester prior to internship.

NOTE: Except for Spanish 324, all 300- and 400-level classes are conducted in Spanish.

SPAN 301   Advanced Spanish Grammar and Composition  3 hours
Prerequisite: SPAN 202
This course features in-depth study of advanced Spanish grammar critical to increased proficiency. This course should be taken with or prior to courses in Spanish translation.

SPAN 302   Advanced Spanish Composition and Conversation  3 hours
Prerequisite: SPAN 202
Development of practical vocabulary and fluency in speaking and writing.

SPAN 304   Civilization and Culture of Latin America  3 hours
Prerequisite: SPAN 202
Through lectures, oral presentations and selected readings in Spanish, this course will survey Latin American culture, from the conquest to the present and examine socio-economic problems and relationships with the United States.

SPAN 305   Civilization and Culture of Spain  3 hours
Prerequisite: SPAN 202
Starting in the pre-Roman era and ending with present-day Spain, this course will chronologically analyze Spanish Culture through different artistic, sociological, and political manifestations. Emphasis will be given to historical events which have shaped modern Spanish culture for the purpose of oral and written discussion in Spanish.

SPAN 310   Introduction to Translation: Spanish-English  3 hours
Prerequisite: SPAN 202 and ENGL 102
This course will provide an introductory comparison of linguistic traits of both languages, enable students to apply grammatical rules, perform textual analyses, and use a number of translation procedures while translating a variety of texts from Spanish to English: newspaper editorials, magazine articles, business reports, articles in the social sciences, advertisements etc.

SPAN 320   Cinema and Dramatic Literature  3 hours
Prerequisite: SPAN 202
This course will use both film and dramatic literature to stimulate conversation in Spanish while fostering an in-depth knowledge of some of the dramatic masterpieces of Peninsular literature.

SPAN 321   Modern Spanish Literature  3 hours
Prerequisite: SPAN 202
Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of modern Hispanic literature.

SPAN 322   Peninsular Literature  3 hours
Prerequisite: SPAN 202
Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of modern Spanish Peninsular literature.

SPAN 323   Latin American Literature  3 hours
Prerequisite: SPAN 202
Through lectures, oral presentations and selected readings in Spanish, this course will provide a survey of Latin American literature since pre-Columbian times.

SPAN 324   Christianity in Latin America  3 hours
Prerequisite: 200-level English survey class
Features Christianity in Latin American Culture from an historical and literary perspective that will include indigenous religions, the Catholic Church, and the recent explosive growth of Protestantism. (For Spanish majors and minors, this course may be taken for integrative credit only – not for the purpose of fulfilling core requirements within the major or minor). Class conducted in English.

SPAN 410   Advanced Translation  3 hours
Prerequisite: SPAN 301, 310
This course will require students to examine more advanced modern translation theory and perform translation, primarily from Spanish to English, in various technical fields such as: sport, business, medicine, psychiatry, marketing, fashion, law, current affairs and political journalism.

SPAN 421   Masterpieces of Spanish Literature  3 hours
Prerequisite: Any 300-level Spanish course except SPAN 324
Selected masterpieces of Spanish literature to be studied in depth.

SPAN 450   Senior Seminar: Comparison Between Spanish and Latin American Literature  3 hours
Prerequisite: Senior status; SPAN literature course, and SPAN civilization and culture course
In this capstone course, students will study works of Peninsular and Latin American literature for the purpose of discussing orally and in writing the culture and civilization in which they developed.

SPAN 495   Directed Research  1 to 3 hours
SPAN 497   Special Topics in Spanish  1 to 3 hours
SPAN 499   Internship  1 to 6 hours
Prerequisites: Junior or Senior status and required GPA
### Courses of Instruction – Resident Programs

**Teaching English as a Second Language**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESL 333</td>
<td>Modern Grammar</td>
<td>3</td>
</tr>
<tr>
<td>TESL 403</td>
<td>Second Language Acquisition</td>
<td>3</td>
</tr>
<tr>
<td>THEA 405</td>
<td>Issues and Practices in TES/FL</td>
<td>3</td>
</tr>
<tr>
<td>TESU 419</td>
<td>Methodology and Curriculum in Teaching Modern Languages</td>
<td>2 hours</td>
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</tbody>
</table>

**Theatre Arts**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>THEA 101</td>
<td>Theatre Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>THEA 200</td>
<td>Play Production I</td>
<td>1</td>
</tr>
<tr>
<td>THEA 211</td>
<td>Foundations of Theatre History I</td>
<td>3</td>
</tr>
<tr>
<td>THEA 212</td>
<td>Foundations of Theatre History II</td>
<td>3</td>
</tr>
<tr>
<td>THEA 220</td>
<td>Basic Acting I</td>
<td>3</td>
</tr>
<tr>
<td>THEA 250</td>
<td>Voice for the Stage</td>
<td>3</td>
</tr>
<tr>
<td>THEA 299</td>
<td>Internship</td>
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</tr>
<tr>
<td>THEA 300</td>
<td>Play Production II</td>
<td>1</td>
</tr>
<tr>
<td>THEA 310</td>
<td>Basic Acting II</td>
<td>3</td>
</tr>
<tr>
<td>THEA 312</td>
<td>Script Analysis</td>
<td>3</td>
</tr>
<tr>
<td>THEA 320</td>
<td>Directing</td>
<td>3</td>
</tr>
<tr>
<td>THEA 350</td>
<td>Writing for the Stage</td>
<td>3</td>
</tr>
<tr>
<td>THEA 356</td>
<td>Costume and Makeup Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**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.
- 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.
- 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.
- A workshop in which the student builds a foundation of skills and applied concepts in acting.
- A workshop in which the student studies and applies vocal technique peculiar to the theatrical stage.
- Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.
- A study of basic acting concepts and applied concepts in acting.
- A workshop in which the student studies and applies vocal technique peculiar to the theatrical stage.
- Must apply semester prior to internship.
- A one-act play meant for church performance.
- A workshop of playwriting techniques and development of a one-act play meant for church performance.
- Sophomore status, 2.00 GPA, two courses in major, declared major, not more than one CSER behind.

**Requirements**

- Application procedures processed through the Career Center. Must apply semester prior to completing internship.
- A study of strategies for second-language acquisition and assessment. An historical approach to perspectives on second language-acquisition and proficiency.
- A study of the various theories and methodologies of play
- An introduction to the theatrical arts for the general student.
- A historical survey of the development of drama from the Ancient Greeks through the 18th century, AD emphasizing classic works.
- A historical survey of the development of drama from the 18th century, AD through contemporary theatre emphasizing classic works.
- A workshop in which the student builds a foundation of skills and applied concepts in acting.
- A historical survey of the development of drama from the Ancient Greeks through the 18th century, AD emphasizing classic works.
- A one-act play meant for church performance.
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)
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 concentration.

THEA 410 Drama in the Church: History and Practice 3 hours
(Offered spring semester)
The student learns of the conception of theatre, its relationship to the church, and how to make theatre applicable to today’s church, specifically through craft and management skills. This chronological survey of theatre covers drama from the Greeks to the present.

THEA 411 Stage and Theater Management 3 hours
(Offered spring semester, even-numbered years)
Prerequisites: THEA 211, 212, 220, 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 spring semester, odd-numbered years)
Prerequisites: THEA 211, 220, 250, 310, successful completion of Sophomore Hearing
A study of the major classical tragedies and comedies which emphasize the historical development of production and performance concepts.

THEA 440 Stage Movement 3 hours
(Offered fall semester)
Prerequisites: THEA 220, 310, successful completion of Sophomore Hearing
An advanced acting workshop concentrating on 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, even-numbered years)
Prerequisites: THEA 211 or 212, 220, 250, 310, 420, 450, successful completion of Sophomore Hearing
An advanced acting workshop for musical theatre acting techniques peculiar to this genre. THEA 460 is a continuation of the techniques and skills gained in THEA 450.

THEA 490 Senior Project 3 hours
(Offered spring semester)
Prerequisites: Consent of Chair of Theatre, must be last semester of study, successful completion of Sophomore Hearing
THEA 490 is a theater practicum focusing on production or performance skills mastered within the student’s individual concentration (Performance or Production) under the guidance of the Chair of Theatre or appropriate members of the Theatre Arts faculty. A student is required to take THEA 490 the last 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, 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, hermeneutics and dogmatics, and the sources of authority (the Bible, the Church, the World, etc.).

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

WELDING
WELD 101  Foundations of Welding  4 hours
Co-Prerequisite: CRFT 101
Foundations of Welding is a practical course combining lecture and hands-on instruction. Topics addressed include: Welding Safety, Oxyfuel Cutting, Plasma Arc Cutting, Air Carbon Arc Cutting and Gouging, Base Metal Preparation, Weld Quality, SMAW – Equipment and Setup, Shielded Metal Arc Electrodes, SMAW – Beads and Fillet Welds, Joint Fit-Up and Alignment, SMAW – Groove Welds with Backing, and SMAW – Open V-Groove Welds.
WELD 201  Intermediate Welding  4 hours
Prerequisite: WELD 101
WELD 301  Advanced Welding  4 hours
Prerequisite: WELD 201
Advanced Welding is a practical course combining lecture and hands-on instruction. Topics addressed include techniques with: SMAW – Open-Root Pipe Welds, GMAW – Pipe, FCAW – Pipe, GTAW – Carbon Steel Pipe, GTAW – Low Alloy and Stainless Pipe, and SMAW: Stainless Steel Groove Welds.
WELD 401  Special Topics in Welding  4 hours
Prerequisite: WELD 301
Special Topics in Welding is a practical course combining lecture and hands-on instruction. Topics addressed include techniques with: GMAW – Aluminum Plate, GTAW – Aluminum Plate, GTAW – Aluminum Pipe, GMAW – Aluminum Pipe.

WOMEN'S MINISTRIES
WMIN 220  Survey of Women's Ministries  3 hours
A survey of women’s ministries from a complementarian perspective, including an overview of secular feminism, and a survey of women’s roles in the home, in the church, and in society. (Formerly CHMN 220)
WMIN 320  The Christian Woman  3 hours
A study of God’s Word as it specifically relates to women today and God’s plan and purposes for them in every sphere of life as women, wives, homemakers, and mothers. (Formerly CHMN 320)
WMIN 330  The Role of Christian Women in Ministry  3 hours
A biblical perspective on the place of women in ministry. Emphasis is placed upon theological aspects, ministry positions available, and exposure to women who are in ministry. (Formerly CHMN 330)
WMIN 450  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. (Formerly CHMN 403)

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 include 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  

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 rigor 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).
The Gospel Choir is a 25-member choir representing the Worship and Music Studies. The ensemble usually includes rhythm section, wind, brass, string, and percussion instruments. On occasion, the group may include additional time spent on rehearsal 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 continued 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 related 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, string and percussion instruments. On occasion, the group may include vocals. A primary function of the group is to provide accompaniment to the choral ensembles in the 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, Liberty University 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 accompanying 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, 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 302
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 320
Practical, supervised application of worship in a leadership role at Thomas Road Baptist Church, or 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 311, 321
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
**COURSES OF INSTRUCTION – RESIDENT PROGRAMS**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>WRSP 319</td>
<td>Advanced Group Voice</td>
<td>1 hour</td>
<td>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 course 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.</td>
</tr>
<tr>
<td>WRSP 320</td>
<td>History and Philosophy of Worship</td>
<td>3 hours</td>
<td>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.</td>
</tr>
<tr>
<td>WRSP 321</td>
<td>Principles of Worship Leadership</td>
<td>3 hours</td>
<td>WRSP 320 Prerequisite: WRSP 320 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.</td>
</tr>
<tr>
<td>WRSP 325</td>
<td>Voice (Junior)</td>
<td>1 hour</td>
<td>Prerequisite: Two semesters of WRSP 255 and successful completion of the performance review Continuation of private lessons in singing, based on department policies.</td>
</tr>
<tr>
<td>WRSP 330</td>
<td>Worship Technology I: Music Notation</td>
<td>3 hours</td>
<td>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.</td>
</tr>
<tr>
<td>WRSP 331</td>
<td>Worship Technology II: Sequencing and Programming</td>
<td>3 hours</td>
<td>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.</td>
</tr>
<tr>
<td>WRSP 332</td>
<td>Principles of Songwriting I</td>
<td>2 hours</td>
<td>WRSP 103 with a grade of “B” or higher; WRSP 330 and equivalent of WRSP 240 and 250 Principles of song writing, including elements of writing melody; melodic structure; lyric form-understanding verse/chorus/bridge structures; melodic style; lyric style – gospel to classical, southern gospel to praise and worship and country to rock ‘n roll; and co-writing lyrics with other musicians. Students are required to participate in the Songwriter’s Showcase presented by the Center for Worship each semester.</td>
</tr>
<tr>
<td>WRSP 333</td>
<td>Principles of Songwriting II</td>
<td>1 hour</td>
<td>WRSP 332 Practical application of songwriting principles through group collaboration.</td>
</tr>
<tr>
<td>WRSP 334</td>
<td>Artist and the Business Community</td>
<td>3 hours</td>
<td>Admission to program; WRSP 372 Principles of booking, copyright management, promoting, financial accountability and organization, business integrity, exposure to the market and business administration.</td>
</tr>
<tr>
<td>WRSP 335</td>
<td>Artist and Worship Ministry Presentation</td>
<td>3 hours</td>
<td>Admission to program; WRSP 334, 373 Developing strategies for musically artistic and ministry effective program presentation. Principles include reading the crowd, building live performance, developing goals and objectives for platform performance; unique features of lighting, sound reinforcement, and technology; trend awareness and commerciality. Special emphasis is placed on goals of an artist as a worshiper; song selection; audience participation; presentation of the gospel; and partnership with the local church.</td>
</tr>
<tr>
<td>WRSP 340</td>
<td>Advanced Group Piano</td>
<td>1 hour</td>
<td>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.</td>
</tr>
<tr>
<td>WRSP 345</td>
<td>Keyboard Instruments (Junior)</td>
<td>1 hour</td>
<td>Two semesters of WRSP 245 Continuation of private lessons in piano or organ, based on department policies.</td>
</tr>
<tr>
<td>WRSP 350</td>
<td>Advanced Group Guitar</td>
<td>1 hour</td>
<td>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.</td>
</tr>
<tr>
<td>WRSP 355</td>
<td>Strings, Brass, Woodwinds, Percussion (Junior)</td>
<td>1 hour</td>
<td>Two semesters of WRSP 255 Continuation of private lessons in the instruments of the band and orchestra, based on department policies.</td>
</tr>
<tr>
<td>WRSP 370</td>
<td>Private Songwriting</td>
<td>1 hour</td>
<td>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.</td>
</tr>
</tbody>
</table>
| 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 373 Artist Spiritual Formation 3 hours
Prerequisite: Admission to program
Foundational principles for the discipleship of Christian artists and songwriters. Students define their pursuit for an identity and significance, ministry, relationships, excellence, integrity, and disciplined living. In addition, students study creativity and art, journaling, developing communication skills, musicianship as applied to the contemporary Christian music industry.

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 20-minute 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 resources availability with application to contemporary Christian worship ensemble.

WRSP 421 Congregational Ministry 3 hours
Prerequisites: WRSP 312, 321, 499
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 436 Christian Music Industry Seminar I 1 hour
Prerequisites: Permission of instructor; WRSP 372 and equivalent of WRSP 220, 240 or 250
Student artists and songwriters study privately and in group settings with professionals. Students premiere their programs and songs at the conclusion of the seminar.
campus social system and the methods used in reaching it with the
gospel. (Formerly YOUT 403)

**YOUT 360/ Camping Ministry**  
3 hours

**ALOM 360**
Prerequisites: YOUT 201, 301

This course will investigate specific elements and issues that are building blocks for camping ministry. Such elements and issues will include starting a camp, programming, recreation, staffing, budgeting, legal issues, promotional methods, camp counseling, camping options and management principles will be addressed. The course will include a full day of on-site training in order to get a hands-on look and feel of the significant ministry of camping.

**YOUT 370/ Managing the Christian Youth**  
3 hours

**ALOM 370 Organization**
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 concentration 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; PLED 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; PLED 350

A study of the planning and implementation of the ministry vehicle. Specific programming aspects of the large meeting, small group meeting, activities, camping and missions projects will be examined. Attention will be given to annual calendar planning and organization skills.

**YOUT 495 Directed Research**  
1 to 3 hours

**YOUT 497 Special Topics in Youth Ministry**  
1 to 3 hours

**YOUT 499 Youth Ministry Internship**  
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.
Courses of Instruction – Online Programs

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 432  IT Audit  3 hours
Prerequisites: ACCT 332, 404
This course provides the theory and application of auditing through the use of information systems. Topics include: authoritative information technology control frameworks; computer security; continuous auditing; and audit approaches to new and emerging technologies.

ACCT 441  Capstone: Accounting  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.

APOLOGETICS

APOL 104  Contemporary Worldviews  3 hours
This is a study in the development and application of the Biblical/Christian Worldview. This course will include an introduction and application of critical thinking skills, as well as a study of religious and philosophical worldviews, the nature of tolerance and basic apologetic methodology.
AVIA 340  Airplane Aerodynamics  3 hours
Prerequisite: AVIA 325 (Commercial License)
This course will provide 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  Aircraft Systems  3 hours
Prerequisite: AVIA 325 (Commercial License)
This course will provide the student a study of the physical principles of airplane aerodynamics, thereby fostering an appreciation of the factors affecting aircraft performance, stability and control, and special flight conditions often experienced by commercial pilots of the fixed-wing aircraft.

AVIA 340  Aviation Weather  3 hours
Prerequisite: AVIA 325 (Commercial License)
This course is a study of weather hazards, meteorological flight planning, aviation weather equipment and human factors as related to flight safety in all weather conditions.

AVIA 360  Corporate and Business Aviation  3 hours
Prerequisite: AVIA 325 (Commercial License)
This course is designed to introduce aviation students with the operations of a corporate flight department. They will understand the value of management mobility which requires specific operations other than commercial airline options. The student will learn how to evaluate aircraft and equipment requirements, maintenance demands and logistical difficulties, flight operations specific to this unique environment, administration requirements for smooth and efficient operations, as well as the fiscal considerations which will impact the business profits.

AVIA 400  Aerospace Law, Human Factors and Crew Resource Management  3 hours
Prerequisite: AVIA 325 (Commercial License)
This course is divided into three parts. The first will cover the scope of all regulations concerning aviation and how they impact the pilot. The second part will provide the basic understanding of the human factors concepts including psychological and physiological limitations of humans operating in complex environments. The third part will provide an in-depth study of Crew Resource Management, which involves having a complete understanding of the flight deck environment and the proper utilization of all resources available to an aviator.

AVIA 430  Multi-Engine Theory and Advanced Aircraft Systems  3 hours
Prerequisite: AVIA 325 (Commercial License)
This course covers the operations necessary to operate twin-engine aircraft. Normal and abnormal procedures are included along with a discussion of the systems and aerodynamics normally associated with these aircraft. Regulations for commercial pilots are included.

AVIA 455  Turbine Engines and Jet Transports  3 hours
Prerequisite: AVIA 325 (Commercial License)
This course will be an intensive study of the turbine engine theory, design and operations. The student will also receive a broad knowledge of all commercial airline types and will acquire a more in-depth understanding of the Boeing 737 Aircraft.

BIBLICAL STUDIES
BIBL 104  Survey of Biblical Literature  3 hours
This survey course is designed to lay a foundational understanding of Scripture via a historical survey of the Old and New Testaments. The student will engage a range of learning 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 310  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 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.

Biol 103  Principles of Biology Laboratory  1 hour
Prerequisite: Concurrent or previous enrollment in BIOL 101
Laboratory exercises selected to demonstrate basic biological concepts. Emphasis is on plant and animal cell chemistry, composition and function, organismal structure and function, biological diversity and population ecology.
BUSINESS MANAGEMENT INFORMATION SYSTEMS  
(Formerly Computer Management Information Systems—CMIS)

**BMIS 200  Enterprise Business Applications and Communications**  
Prerequisites: MATH 110 or approval of instructor.

This course examines the design, selection, implementation and management of enterprise Business solutions. The focus is on identifying critical business processes and envisioning how technology can be developed to provide solutions which generate competitive advantage. Students learn how applying frameworks and strategies around the Business Process and Organization Strategy provide a competitive advantage. Topics include MIS and IT fundamentals, Information Systems Management and Using Enterprise Business Applications for competitive advantage. The course also includes a component for Technical Writing for Information Systems. (Formerly ISYS and CMIS 110)

**BMIS 208  Application Programming**  
Prerequisite: (BMIS 200 or CSCI 110) and BUSI 201; minimum grade of “C”

Development of computer and programming skills, problem solving methods, and selected applications. This course provides a broad-based introduction to programming in Visual Basic. Students will learn how to build a program from the design phase all the way through to delivery. (Formerly ISYS/CMIS 211)

**BMIS 209  C# Programming**  
Prerequisite: BMIS 208 or CSCI 111; minimum grade of “C”

Development of computer and programming skills using the C# language. Students will learn how to use C# to develop stand-alone applications in an IDE. Advanced concepts, such as database connectivity and web applications will also be examined. (Formerly ISYS 211)

**BMIS 212  Object-Oriented Programming**  
Prerequisites: BMIS 208 or CSCI 111; minimum grade of “C”

A study of the general-purpose, secure, object-oriented, portable programs. This course prepares students to program stand-alone applications. It will cover features such as programming concepts, data types, operators, flow control statements, objects, classes, methods, arrays, and strings. The concept of object-oriented programming is emphasized. (Formerly ISYS and CMIS 212)

**BMIS 310  Web Architecture and Development**  
Prerequisite: BMIS 212; minimum grade of “C”

Provides students with thorough knowledge of the foundations of web architecture, current technologies utilized in the development of a web site, and criteria for assessing the usability of web sites. (Formerly ISYS and CMIS 310)

**BMIS 312  Advanced Object-Oriented Programming**  
Prerequisites: BMIS 212; minimum grade of “C”

In-depth study of the advanced features of Java, with an emphasis on the “why” as well as the “how to” of programming in Java. This course also prepares students for the Sun Certified Java Programmer exam. (Formerly ISYS and CMIS 312)

**BMIS 320  IS Hardware and Software**  
Prerequisites: BMIS 200 or CSCI 110; minimum grade of “C”

Emphasis is placed on the role of the computer in information processing, including the design of computer hardware and operating systems, application programming, data storage, network and client/server concepts, and systems development life cycle. (Formerly ISYS and CMIS 320)

**BMIS 325  Database Management Systems**  
Prerequisites: BMIS 208 with a minimum grade of “C” 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 and ER CASE tools currently popular in business and government settings. (Formerly ISYS 325 and CMIS 450)

**BMIS 330  Business Data Communication Systems**  
Prerequisite: BMIS 200; minimum grade of “C”

Business Data Communications. The study of the movement of information (data) one device to another by means of electrical, optical, radio or satellite transmission systems. This course will introduce the architecture, concepts, terminology, design, and management issues related to the modern environment of networking and data communications. Various types of networks and communication systems, protocols, regulatory issues and policies will be explored. (Formerly ISYS and CMIS 330)

**BMIS 351  System Analysis and Design**  
Prerequisite: BMIS 325; minimum grade of “C” and senior status

This practical course in information systems development will cover the concepts, skills, methodologies (RAD as well as SDLC), and tools essential for systems analysts to successfully develop information systems. The course will also introduce the student to the Oracle Designer CASE tools, which will be used to assist in the documentation of the analysis and design phases. The course will include a significant amount of team-based activities, therefore issues associated with team interactions and processes will be discussed. (Formerly ISYS and CMIS 351)

**BMIS 375  Introduction to Human-Computer Interaction**  
Prerequisite: BMIS 208 or CSCI 111

This course provides a study and application of the concepts, theory, and practice of effective user interactive computer software, including user-centered design principles, guidelines and evaluation for designing a software product. Cognitive and social aspects of human interaction will be examined in conjunction with elements of technological devices. Human interaction with mobile applications, internet applications, social networking technology, cloud computing, and stand-alone applications will be explored.

**BMIS 410  Web Enterprise Technologies**  
Prerequisites: BMIS 310; BMIS 325 or CSCI 325; minimum grade of “C”

Provides students with thorough knowledge of current technologies and best practices for developing database driven dynamic websites including database and client side programming. (Formerly ISYS 410)

**BMIS 430  Advanced Networking and Communication Systems**  
Prerequisite: BMIS 330 or CSCI 355; minimum grade of “C”

This course focuses on routed data networks and the implementation of previously learned business data communications and switched networks concepts, principles and strategies to build a complete data communications network. This course is an in-depth study of technologies and equipment in modern communication networks. The TCP/IP stack and Cisco (or comparable) networking equipment are used to explore methodologies for designing, configuring, and maintaining communication networks. (Formerly ISYS and CMIS 430)

**BMIS 460  IS Project Management**  
Prerequisites: BMIS 351 and ECON 214 with a minimum grade of “C”

Capstone course for MIS majors. Develops skills in managing the project development cycle in an organization. Topics include systems engineering, cost analysis, risk management, and managing the socio-technological elements of a project. (Formerly ISYS and CMIS 460)
### BUSINESS

**BUSI 201  Intermediate Business Computer Applications**  3 hours  
Prerequisite: INFT 110 or equivalent  
This laboratory experience offers the student a hands-on introduction to an electronic spreadsheet, a database program, and a presentation program. Upon this foundation, intermediate database and intermediate and advanced spreadsheet skills are taught. Throughout the course, there is an emphasis on the integration of the applications as they are applied to personal and organizational tasks. This course provides the IT foundations that are applicable for all curriculums. (Formerly CMIS 201)

**BUSI 223  Personal Finance**  3 hours  
Budgets, borrowing funds, stock ownership, savings, real estate as investments, and related tax matters are among the topics covered.

**BUSI 300  Business Communications**  3 hours  
Prerequisites: ENGL 102  
Essential to all business professionals is a sound understanding of the theories and practice of organizational communication. This dynamic course presents the fundamentals of written, verbal, nonverbal, and technological communication.

**BUSI 301  Business Law**  3 hours  
Prerequisite: Sophomore standing  
Designed to increase the understanding of the American legal system and those legal principles which apply to the business environment. Business organizations, torts, contracts, employment relationships and issues, intellectual property, and international law are among the topics discussed.

**BUSI 303  International Business**  3 hours  
An introduction to the field of international business. Topics to be covered include: country differences in political economy and culture; cross-border trade and investment; the global monetary system; global strategy; global market; and product development; global operations management; and global human resources management.

**BUSI 310  Principles of Management**  3 hours  
Management requires a balance between social (people) and technical (quantitative) perspectives, as well as between efficiency and effectiveness. This course emphasizes the application of these perspectives in each of the planning, organizing, leading and controlling functions.

**BUSI 320  Corporate Finance**  3 hours  
Prerequisites: ACCT 212 and MATH 201; Junior status  
A study of the financial forms of business organization, with special attention to the corporation and its advantages and disadvantages; capital stocks and bonds; budgeting; dividend policy; failure and reorganization; financial accounting; and cash flows.

**BUSI 321  Money and the Financial System**  3 hours  
Prerequisite: ECON 214  
This course covers the structure and operation of the U.S. and international financial systems, functions of the Federal Reserve, monetary theory, and the impact of monetary policy on financial markets and the economy.

**BUSI 322  Managerial Accounting**  3 hours  
Prerequisite: ACCT 212  
Emphasis is upon utilization of cost data in planning and controlling activities. Internal and external data are woven into the planning models. Specific areas are: process job order, standing, functional relationships, and budgeting. Emphasis is placed upon the present value model for capital budgeting and decision making.

**BUSI 330  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.

**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 status (at least 90 credits) and completion of all 300-level Business courses  
This capstone course for all business majors seeks to integrate the concepts, techniques, and knowledge of all areas of business administration. Its focus is strategic management which is studied in theory and then rigorously applied. This course is designed for final semester seniors.

**BUSI 409  Non-Profit Management**  3 hours  
Prerequisites: BUSI 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 413  **Foundations of Project Management**  3 hours  
Prerequisite: BUSI 411  
This course introduces the student to the field of modern project management and the fundamental processes of initiating, planning, executing, monitoring, controlling and closing projects. Students will learn the inputs and outputs and the tools and techniques of: defining the project, estimating project times and costs, developing project plans, managing risk, scheduling resources and their costs, reducing project duration, progress and performance measurement and evaluation and project closure.

BUSI 414  **Project Management I**  3 hours  
Prerequisite: BUSI 413  
This course provides focused instruction in the first five (of nine) project management competencies as delineated in the Project Management Institute’s Body of Knowledge (PMBOK): Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, and Project Quality Management. Students will apply processes to ensure project coordination, plan development processes, project plan execution processes and integrated change control processes.

BUSI 415  **Project Management II**  3 hours  
Prerequisite: BUSI 414  
This course provides focused instruction in the final four (of nine) project management competencies as delineated in the Project Management Institute’s Body of Knowledge (PMBOK): Project Human Resource Management, Project Communications Management, Project Risk Management, and Project Procurement Management. The course will provide students with processes to review organizational and human resource structures to develop and manage project teams; identify, analyze, plan for and respond to project risk; identify and acquire goods and services to implement and complete project plans; and, identify stakeholders, plan communications, and distribute information.

BUSI 416  **Leading Global Projects**  3 hours  
Prerequisite: BUSI 415  
This course provides instruction in global project management with emphasis on the integration of the interconnected themes of strategic project management, cross-cultural effectiveness, and project leadership.

BUSI 420  **Investments**  3 hours  
Prerequisites: BUSI 320 or consent of instructor  
A survey of corporate securities, financial securities, security markets, investment and portfolio analysis and administration. Investment companies, commodity markets and the stock exchange are also examined.

BUSI 423  **Franchising**  3 hours  
Franchising is a major form of business ownership and a strategy for growing ventures. This course examines franchising from both the perspective of the entrepreneur as a franchisee and as a franchisor. Topics will include selecting a franchise, developing a franchised business model, and legal issues associated with the franchised relationship.

BUSI 424  **E-Commerce**  3 hours  
This course explores how the Internet has revolutionized the buying and selling of goods and services in the marketplace. Topics include: Internet business models, electronic commerce infrastructure, designing on-line storefronts, payment acceptance and security issues, and the legal and ethical challenges of electronic commerce.

BUSI 425  **Family Business Management**  3 hours  
This course explores the unique personal, interpersonal issues, and business issues associated with the family-owned and managed firm. Topics include challenges and opportunities for family businesses, the dynamics of family interactions within the family business culture, conflict resolution, estate planning, and succession planning.

BUSI 430  **Promotion Strategy**  3 hours  
Prerequisite: BUSI 331  
This course is open to students who desire to understand the function of Promotion within a company’s Integrated Marketing Communications (IMC) plan. Emphasis is on planning, creating, and evaluating advertising, sales promotion, and publicity strategies to communicate most effectively across the optimum blend of media channels.

BUSI 433  **Marketing Management**  3 hours  
Prerequisites: BUSI 331 and senior status  
Advanced study of the role and responsibilities of marketing executives. Emphasis will include analysis of marketing opportunities and problems, planning of objectives and strategies, development of organizational structure and policies, and implementation, control and structure and policies, and implementation, control and evaluation of marketing programs.

BUSI 435  **Small Business Management**  3 hours  
This course is open to all upper class students who desire to start their own business someday. A practical study in the dynamics of establishing, funding, and managing a small new enterprise, or acquiring an existing business using case studies, practical exercises, and class instruction. Students will work in teams to develop a Business Feasibility Analysis, and a full Business Plan using template software for their proposed enterprise. The final presentation will be before a panel of venture capitalists.

BUSI 464  **International Market Integration and Trade Agreements**  3 hours  
Prerequisite: BUSI 303 or permission of professor  
This course examines market and economic integration among countries, including the European Union, the North American Free Trade Agreement, Asia-Pacific Economic Cooperation, Association of Southeast Asian Nations and others. Major emerging market economies will also be surveyed, along with the challenges and opportunities these present to the international business firm.

BUSI 465  **Export Management Strategy**  3 hours  
Prerequisite: BUSI 303 or permission of professor  
An overview of international trade theories, policies, instruments and documents that affect the success of U.S. exports. Students are introduced to various resources, private organizations, and government agencies designed to facilitate American export businesses. The tools and methods for establishing a small export business model are examined.

BUSI 472  **Organizational Ethics**  3 hours  
An analysis of the foundation of ethical behavior in business, including an introduction to social graces and the importance of professional image. Emphasis is placed on a comparison between Judeo-Christian and secular ethical paradigms.

BUSI 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.
**CONVERSATIONAL GERMAN**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CGRM 101</td>
<td>Conversational German I</td>
<td>3 hours</td>
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<tr>
<td>CGRM 102</td>
<td>Conversational German II</td>
<td>3 hours</td>
</tr>
<tr>
<td>CGRM 103</td>
<td>Conversational German III</td>
<td>3 hours</td>
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*This is an introductory course designed to develop practical conversational German skills. Intended for students with no previous German training and/or experience. (Implementation: Spring 2012)*

**CONVERSATIONAL ENGLISH**

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<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CESL 101</td>
<td>Conversational English I</td>
<td>3 hours</td>
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<tr>
<td>CESL 102</td>
<td>Conversational English II</td>
<td>3 hours</td>
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<tr>
<td>CESL 103</td>
<td>Conversational English III</td>
<td>3 hours</td>
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*An introductory course designed to develop practical conversational English skills. Intended for students with previous basic English training and/or experience, at least in reading and writing. (Implementation: Spring 2012)*

**CRIMINAL JUSTICE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>CJUS 200</td>
<td>Introduction to Criminal Justice</td>
<td>3 hours</td>
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<tr>
<td>CJUS 230</td>
<td>Criminal Justice Research and Writing</td>
<td>3 hours</td>
</tr>
<tr>
<td>CJUS 300</td>
<td>Administration of Justice Organizations</td>
<td>3 hours</td>
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*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.*

**CHURCH HISTORY**

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<tr>
<th>Code</th>
<th>Course</th>
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<tbody>
<tr>
<td>CHHI 301</td>
<td>History of the Christian Church I</td>
<td>3 hours</td>
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<tr>
<td>CHHI 302</td>
<td>History of the Christian Church II</td>
<td>3 hours</td>
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</table>

*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.*

**CHURCH MINISTRIES**

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CHMN 201</td>
<td>Introduction to Church Ministries</td>
<td>3 hours</td>
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*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.*

**CHRISTIAN COUNSELING**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CCOU 304</td>
<td>Christian Counseling for Women</td>
<td>3 hours</td>
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<tr>
<td>CCOU 305</td>
<td>Healthy Sexuality</td>
<td>3 hours</td>
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</table>

*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.*

**CRIMINAL JUSTICE**

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CJUS 310</td>
<td>Juvenile Justice</td>
<td>3 hours</td>
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<tr>
<td>CJUS 320</td>
<td>Corrections</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

*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.*
COURSES OF INSTRUCTION – ONLINE PROGRAMS

CJUS 321  Juvenile Corrections  3 hours
Examines the extent to which juvenile correctional interventions are used. Provides an in-depth analysis of various correctional responses to juvenile offenders including diversion, community-based, and residential programs.

CJUS 322  Community Based Corrections  3 hours
This course introduces the student to the new philosophies within corrections to establish successful rehabilitation programs in the community and outside of traditional prison settings. Students will analyze different programs that are being implemented nationally to include electronic monitoring, boot camps, and restorative justice programs.

CJUS 323  Delinquency and Crime Prevention  3 hours
Explores various strategies for prevention of adult and juvenile crime with particular attention to the theoretical and empirical bases for these approaches. Students will develop a crime prevention plan.

CJUS 324  Legal and Ethical Issues in Juvenile Justice  3 hours
An overview of legal issues and court decisions related to juvenile justice. An analysis of the various ethical issues surrounding juvenile justice contexts and practices.

CJUS 330  Judicial Process  3 hours
This course is designed to increase the understanding of the criminal judicial process in the United States. It includes a study of the functioning of courts, judges, lawyers and law enforcement agencies, including judicial decision-making and the impact of court decisions on the American Republic.

CJUS 340  Criminology  3 hours
This course is designed to examine theories regarding the nature and cause of criminal behavior and society’s response. It approaches crime from a philosophical, psychological, and sociological perspective. Most importantly, this course strives to integrate a theological perspective to crime and punishment. (Formerly CJUS 210)

CJUS 350  Criminal Justice Ethics  3 hours
This course is designed to build upon the biblical foundations students should have developed from other courses (such as BIBL 105/110 and THEO 200/201) and enhance foundational ethical considerations into more developed and practical notions of right behavior within the realm of criminal justice praxis.

CJUS 360  Introduction to Forensics  3 hours
An introductory overview of forensics and how it is applied to the justice system by law enforcement agencies. This course demonstrates the importance of documenting physical evidence and identifying various kinds of evidence such as: fingerprints, trace, tool marks, DNA, etc.

CJUS 361  Crime Scene Photography  3 hours
Prerequisite: CJUS 360; can be taken concurrently with CJUS 363
Students will learn and apply principles of photography in digital format. Within the field of forensic science, the use and understanding of photography is essential. The course will focus on the areas of aerial, underwater, and macro photography as used to document and present criminal investigations. Student must have access to a digital camera that has aperture settings (example: Sony P200) and a tripod.

CJUS 362  Crime Scene Management  3 hours
Prerequisites: CJUS 361; can be taken concurrently with CJUS 363
This course will address critical thinking, resource management, supervision, and investigative failures in criminal investigations. A detailed explanation of how to effectively manage a forensics investigation and how to preserve and present evidence will be covered.

CJUS 363  Computer and Cyber Forensics  3 hours
Prerequisites: CJUS 360; can be taken concurrently with CJUS 361 or 362
The course will focus on the role of computer forensics and the methods used in the investigation of computer crimes. The course explains the need for proper investigation and illustrates the process of locating, handling, and processing computer evidence.

CJUS 380  Introduction to Homeland Security  3 hours
An introduction to the public and private sector dimension of the broad range theoretical and practical aspects of homeland security and emergency management, including: origins of natural and terrorist-caused disasters; local, state, and federal emergency management planning and operations; health infrastructure capabilities; public communication strategies; business community concerns; ethical, legal, and constitutional questions; as well as the social and psychological dimensions of disasters. NRF, NIMS, ICS, IC, and UC will be examined. Further, national and association standards found in agencies and documents such as Presidential Directives, NFPA 1600, IAEM, and IACP will be examined.

CJUS 381  Incident Command System/Emergency Planning and Incident Management  3 hours
Prerequisite: CJUS 380
An introduction to the basic tasks of emergency preparedness and disaster mitigation, including planning, response, and recovery. Special emphasis will be placed on command arrangements, coordination, and budgetary issues among emergency responders (law enforcement, firefighters, transportation, public works, and health care system officials), and within and between federal, state, and local governments.

CJUS 382  Critical Infrastructure Protection  3 hours
Prerequisite: CJUS 380
Identification, prioritization, and protection of critical infrastructure including agriculture, cyber and information technology, telecommunications, chemical, transportation, energy, water, medical, emergency services, and postal and shipping. Impact on personal safety, structural integrity and security, and economic performance.

CJUS 383  Behavioral Dimensions of Disaster  3 hours
Prerequisite: CJUS 380
This course focuses on the sociological, psychological, and physiological human responses to natural and human-made disasters. Students will examine normal and abnormal psychological reactions, the recovery process, and principles of mental health care for victims and responders of disasters. Differences between natural and human-made disasters are examined and factors that mitigate post-traumatic effects are reviewed. Response of the public and individuals to disaster-related issues including: disaster warning, evacuations, relations, civil unrest, loss of family and property, and recovery activities are examined. Sociological and psychological aspects of Weapons of Mass Destruction (WMD) disasters are also considered. Students develop an awareness of the effect of human influence and behavior on disaster response and recovery.

CJUS 400  Criminal Law  3 hours
Prerequisites: CJUS 200 and 230 or GOVT 200 and 346
This course is designed to provide an overview of the legal elements that apply to criminal law, procedure, and evidence, including proof, intent, conspiracy, classifications of crimes and related punishments, culpable mental states, defenses, rules of evidence (including the exclusionary rule), and rights and procedures in the gathering of evidence.

CJUS 410  Constitutional Criminal Procedure  3 hours
This course is designed to study the constitutional provisions and Supreme Court decisions affecting law enforcement procedure,
including due process of law generally, arrest, charges, right to
counsel, search and seizure, identification, bail, trial and post-trial
proceedings, and post-conviction appeals. The course also
investigates civil liability for acts of law enforcement personnel.

CJUS 420  Criminal Investigations I  3 hours
This course will address the constitutional requirements for
conducting criminal investigations, essential techniques for
processing a crime scene, and methodology for collecting evidence
via subpoenas and interviews.

CJUS 499  Criminal Justice Internship  1 to 6 hours
Prerequisites: Junior or senior standing and required GPA
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
This course is designed to assist students in their academic
adjustment to college. There is a focus on learning and application
of study strategies and self-management skills. In addition,
emphasis is placed on community and accountability which
provide the foundations for academic success.

CLST 101  College Learning Strategies  1 hour
This course is designed to equip students with the study
strategies necessary for success at the college level. It teaches self-
management skills such as organization and time management, as
well as learning strategies including memory and test-taking.
Students are also encouraged to discover their individual learning
styles, while incorporating practical application techniques.

CLST 103  Individualized Laboratory Reading and
Study Strategies  1 hour
This course is an individualized program in reading and study
strategies based on students’ goals and assessed needs. The varied
curriculum focuses on academic, personal, and/or spiritual
domains. It is delivered in a lab format with faculty/student
interaction.

COMMUNICATION STUDIES

COMS 101  Speech Communication  3 hours
Study and practice in communicating ideas competently in
public speaking. Students are also given a foundation for
development of communication skills in other human
communication contexts, including dyadic and small group
communication.

COMS 110  Introduction to Mass Communication  3 hours
An overview of the role of print and electronic media in the
dissemination of information to a mass audience.

COMS 220  Mass Communication Writing  3 hours
This course provides a survey of mass communication media
formats and writing techniques from news for print and broadcast, to
advertising and public relations. The course is designed to enhance
the appreciation of the mass communication professional as well as
provide an understanding of the basic techniques used by the
professional to inform and/or persuade audiences. Students will write
news stories, produce copy for broadcast news, create an advertising
package, and develop a public service announcement.

COMS 307  Principles of Advertising and Public
Relations  3 hours
Prerequisite: COMS 110
This survey course examines the principles and theory of both
Public Relations and Advertising to help the student better recognize
in which discipline he or she is better suited. Special emphasis will
be given to the theory and practices, while less time is devoted to the
actual production (writing) of advertising and public relations
communications.

COMS 345  Persuasion  3 hours
Analysis and practice of techniques used to change attitudes,
beliefs, and behavior in various communication contexts.

COMS 356  Direct Marketing Communication  3 hours
Prerequisites: COMS 110, 220 and 307
A study of the principles and strategies of direct and
interactive marketing communication, including the writing and
design of direct mail, telemarketing scripts, direct-response
advertising, and digital media.

CRISIS COUNSELING

CRIS 302  Foundational Principles of
Crisis Response  3 hours
Prerequisites: PSYC 101 or 210, CCOU 201, 202
A general overview and analysis of the theoretical concepts of
crisis response, critical incidents and grief and will cover
intervention models, effects of critical incident stress. The course
will cover the historical background of the discipline and scope of
crisis response.

CRIS 303  Acute Stress, Grief and Trauma  3 hours
Prerequisites: PSYC 101 or 210, CCOU 201, 202
A general overview and analysis of the impact and
consequences of acute stress on victims, first responders, families,
and community members. Particular attention is paid to effective
counseling strategies, methods and techniques for immediate
response, fostering resiliency, and cultural differences.

CRIS 304  PTSD and Combat-Related Trauma  3 hours
Prerequisites: PSYC 101 or 210, CCOU 201, 202
An examination and analysis of the causes, symptoms and
treatments of PTSD and Combat-related PTSD, taking into account
the latest research in the field and examining the affective,
behavioral, cognitive and spiritual challenges faced by survivors.

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.

CONVERSATIONAL SPANISH

CSPA 101  Conversational Spanish I  3 hours
An introductory course designed to develop practical
conversational Spanish skills. Intended for students with no
previous Spanish training and/or experience. (Implementation:
Spring 2012)

CSPA 102  Conversational Spanish II  3 hours
Prerequisite: CSPA 101
This course will further the objectives of CSPA 101 by
expanding students’ practical conversational skills.
(Implementation: Fall 2012)

CSPA 103  Conversational Spanish III  3 hours
Prerequisite: CSPA 102
This course is a continuation of Conversational Spanish 101 and
102, with an increased focus on grammar and vocabulary supporting
practical conversational skills. (Implementation: Spring 2013)

ECONOMICS
(Formerly ECNC)

ECON 213  Principles of Microeconomics  3 hours
Free market thought will be evaluated from the Christian
perspective. The supply and demand model is used to analyze
microeconomic issues including market structures, government
regulations, labor market, financial market, and international trade.
ECON 214  Principles of Macroeconomics  3 hours
The aggregate supply and demand model is used to analyze macroeconomic problems including business cycles, unemployment, and inflation. Government fiscal and monetary policies that may stabilize the economy are introduced and evaluated. The U.S. financial system and the value of U.S. dollar in the foreign exchange market are covered.

ECON 350  Classical Economics  3 hours
This course is open to students who desire to further understand the concepts and tools of economic analysis. Classical Economics will also be investigated from the perspective of the Christian Worldview. Specific topics include examination of the social philosophy of classical economics, classical macroeconomics, classical microeconomics, classical methodology, the classical economists Sismondi and Mill, the mysteries of Marxian economics and finally thoughts on the history of economics.

SPECIAL EDUCATION
EDSP 360  Learning and Behavior Problems  3 hours
Prerequisite: PSYC 345 or EDUC 307
The characteristics of children and adolescents, with disabilities in the area of learning and behavior, will be explored with the goal of remediation. This course will further include techniques for dealing with these diverse learners in a variety of settings as well as our Christian mission in providing for all God’s children.

EDSP 370  Intervention for Students with Intellectual Disabilities  3 hours
Prerequisite: PSYC 345 or EDUC 307
This course is a study of the characteristics of children and adolescents with intellectual disabilities (ID). Interventions for working with the individuals in schools, church and community settings will be addressed as well as preparing adolescents who are ID for transition into adulthood.

EDSP 410  Instructional Adaptation for Special Education  3 hours
Prerequisite: PSYC 345 or EDUC 307
Teacher candidates will apply intervention strategies for adapting curriculum materials and methods to fit individual needs in various school, church and community settings. Focus will be on students with mild and moderate disabilities.

EDSP 420  Current Trends in Special Education  3 hours
Prerequisite: PSYC 345 or EDUC 307
This course is designed to expose teacher candidates to a variety of special education related topics including legal/ethical issues, documentation procedures, development of Individual Education Plan (IEP) and IFSP (Individualized Family Service Plans) as well as models of service delivery and collaboration that can be used in school, church and community settings.

EDUCATION
EDUC 200  Principles of Education  3 hours
Students will examine historical, philosophical, legal, and sociological principles of education. Emphasis will be placed on current issues and terminology in the field of education.

EDUC 205  Learning Theory and Portfolio Development  3 hours
Prerequisite: EDUC 200
An introduction to learning theories with an emphasis on experiential learning. Here will also be a focus on learning and learning styles, including management and communications profiles. A major part of this course is the preparation of the Professional Development Profile and the Experiential Learning Portfolio.

EDUC 210  Early Childhood Education Fundamentals  3 hours
Designed to introduce a candidate to the field of early childhood education; an overview of child development and learning, family relationships, assessment of young children, developmentally effective approaches to early childhood education, and how to use content knowledge to build a meaningful curriculum.

EDUC 215  Wellness in the Early Childhood Setting  3 hours
Designed to introduce a candidate to the issue of wellness in early childhood education; an overview of wellness in the early childhood setting by examining good nutrition, safety, and healthful practices for young children.

EDUC 301  Instructional Practices for Math Teachers  3 hours
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.
<table>
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<th>COURSES OF INSTRUCTION – ONLINE PROGRAMS</th>
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| **EDUC 380  Current Issues in Education** 3 hours  
Prerequisites: EDUC 200 and 210. This is the capstone course. It should be the last course taken. An examination of current issues in the field of education with classroom implications and case study. |
| **EDUC 390  Teaching Practicum** 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 (minimum grade of “C”) or advanced standing on the placement test.  
Through the critical engagement of a variety of texts, including written, oral, and visual, this course prepares students to become careful readers, critical thinkers, and skilled writers. Drawing upon rhetorical theory, it emphasizes the practices of analytical reading, informed reasoning, effective writing, and sound argumentation. The course requires 4,000 words of writing in no fewer than five writing projects. |
| **ENGL 102  Composition and Literature** 3 hours  
Prerequisite: ENGL 101 or advanced standing on the placement test  
Continues the emphasis on writing. Two analytical papers, based upon studies of the short story, poetry and drama and a research paper, sequentially developed, are required. |
| **ENGL 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. |
| **ETHNOMUSICOLOGY** |
| **ETHM 411  Music and World Cultures** 3 hours  
A comprehensive overview of cultural traditions, belief systems, and practices of world cultures as approached through the study and analysis of the music of ethnic groups. |
| **EVANGELISM** |
| **EVAR 101  Evangelism and the Christian Life** 2 or 3 hours  
An in-depth study of how to lead people to Christ. Special attention will be given to the theology of all aspects of evangelism including the follow-up. Various methods of approach and presentation will be considered. Emphasis will be placed on evangelism and the local church for conservation of results. |
| **GENERAL EDUCATION** |
| **GEED 205  Learning Theory and Portfolio Development** 3 hours  
This course prepares students for the portfolio assessment process at Liberty University, which follows the standards of assessment established by CAEL (Council for Adult and Experiential Learning). Students will be able to apply learning theory to their experiential learning experiences. Upon completion of the course, students will be prepared to submit a portfolio and petition for college credit. |

**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.  
**GOVT 302  Modern Political and Economic Ideas** 3 hours  
Survey of political and economic thought since the 16th century including the Christian influence in the development of modern Western freedom and justice. Emphasis will be placed on the emergence and scope of the disciplines of economics, political science, public administration and public policy.  
**GOVT 329  American Exceptionalism** 3 hours  
This course introduces the student to the idea of “American Exceptionalism” – the notion that the United States of America has played and continues to play a key role in advancing justice and freedom throughout the world. The course examines the unique biblical foundation of American government and politics which in turn has made America a bastion of liberty and freedom. In turn, America’s impact on world politics and history is discussed. Students will also be challenged to thoughtfully examine ways in which America has not lived up to its highest ideals and to formulate strategies for ensuring that America stays on course to uniquely support liberty and freedom throughout the world.  
**GOVT 360  Introduction to Public Administration** 3 hours  
An introduction to the history and theory of public administration. These ideas will be applied within a variety of public institutional contexts.  
**GOVT 462  Public Finance and Budgeting** 3 hours  
Fiscal and military policy, taxation and the budget process in government.  
**GOVT 470  Government Regulation of Business** 3 hours  
The sources and impact of various forms of government intervention in the private business sector, including the economic effects of regulation, the legal functions of various agencies, and rulemaking and regulatory powers and limitations of government administrative agencies.  
**GOVT 475  Advanced Public Administration** 3 hours  
This course is a synthesis course for government majors. The course will apply and integrate broad concepts including the application of economic theory, management theory, administrative law, and political theory in the resolution of public sector management cases.  
**GOVT 480  Terrorism** 3 hours  
A cross-disciplinary study of terrorism as a form of organized political violence; its intellectual, cultural, political, and religious roots; and its uses in ethnic, sectarian, and international conflicts. |

**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.
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.

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 420 Principles of Behavior Change and Health Counseling 3 hours
Prerequisite: Junior status
A study of theory and practice of behavioral change or verification that leads to a healthy lifestyle. Group and individual intervention techniques with follow-up health counseling theory and application will be emphasized.

HLTH 491 Grantsmanship 3 hours
An introduction to the world of public, corporate and private foundations. Topic research, organizational communications, protocol, budget development and grant writing are emphasized skill areas.

HUMANITIES

HUMN 101 Humanities in Western Culture 3 hours
A survey course which concentrates on the development of Western Culture. It is an integrated study of the visual arts, drama and music, and the discipline of philosophy that permeates all the arts.

INTERCULTURAL 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 300 Cultural Anthropology 3 hours
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 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 420 Theology of Missions 3 hours
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.

INFORMATION TECHNOLOGY

INFT 105 Introduction to Information Literacy 1 hour
An introduction to the information literacy skills and resources needed for academic research and lifelong learning. Students will learn to identify, assess, organize, and report information responsibly, including library print and electronic materials as well as web resources.

INFT 110 Computer Concepts and Applications 3 hours
This course will introduce the student to the operation and use of computers. Specific applications taught include operating systems, word processing, spreadsheets, and presentation software. In addition, students will learn basic terminology and concepts related to the use of computers in today’s society.

LIFE COACHING

LIFC 201 Introduction to Life Coaching 3 hours
Prerequisite: PSYC 101 or 210
Offers an introduction to professional coaching from a Christian worldview with special attention given to coaching theories, practice, skills, and various coaching specialties. This will include an overview of common client presenting issues.

LIFC 202 Advanced Skills in Life Coaching 3 hours
Prerequisite: PSYC 101 or 210
An examination and analysis of professional coaching models, and goals needed to become proficient and successful as a life coach. The course offers an overview of advanced skills and their application in professional life coaching relationships.

LIFC 301 Health and Wellness Coaching 3 hours
Prerequisite: PSYC 101 or 210
An examination and analysis of professional coaching applications that serve health and wellness concerns. The course covers health and wellness from a Christian worldview with special attention given to a biblical foundation of health and wellness coaching.

LIFC 302 Marriage Coaching 3 hours
Prerequisite: PSYC 101 or 210
An examination and analysis of professional coaching applications that serve marital relationship concerns. The course covers marital issues from a Christian worldview with special attention given to a biblical foundation of marriage coaching and differences between coaching and counseling models.

LIFC 303 Financial Life Coaching 3 hours
Prerequisite: PSYC 101 or 210
An examination and analysis of professional coaching strategies that serve financial concerns providing a focused overview, from a Christian worldview, of personal financial strategies addressing spending, debt, investing and taxes.

LIFC 304 Leadership Professional Life Coaching 3 hours
Prerequisite: PSYC 101 or 210
An examination and analysis of coaching strategies that serves professional leadership concerns. Special attention will be given to leadership strategies for navigating project management, cultural awareness, inter-generational issues, and balancing work and home life.
**MATHEMATICS**

**MATH 100 Fundamentals of Mathematics** 3 hours
- A review of basic arithmetic and elementary algebra. Open to all students but required of students with low scores on Liberty University placement tests and inadequate preparation in mathematics. A grade of C or better is required in order to go on to a higher-numbered mathematics course. This course may not be used in meeting General Education requirements in mathematics.

**MATH 110 Intermediate Algebra** 3 hours
- Prerequisite: MATH 100
- Review of exponents, polynomials, factoring, roots and radicals, graphing, rational expressions, equations and inequalities, systems of linear equations and problem solving. This course may not be used to meet the General Education requirement.

(Note: MATH 100 and 110 Developmental Math courses are components of the Bruckner Learning Center)

**MATH 115 Mathematics for Liberal Arts** 3 hours
- Prerequisite: MATH 110 or equivalent
- A survey course for liberal arts majors including a review of algebra and an introduction to logic, probability and statistics, mathematical structure, problem solving, number theory, geometry and consumer applications.

**MATH 121 College Algebra** 3 hours
- Prerequisite: MATH 110, minimum grade of “C”
- Fundamental concepts of college algebra including sets, equations and inequalities, functions and graphs, polynomials, rational functions, exponential and logarithmic functions, linear inequalities, and linear programming.

**MATH 201 Introduction to Probability and Statistics** 3 hours
- Prerequisite: MATH 110 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** 3 hours
- Prerequisite: RN License in good standing
- This course focuses on the development of a body systems approach to health assessment of individuals emphasizing normal growth and developmental responses across the lifespan. Content includes an introduction to the knowledge and skills of health assessment through a variety of methodologies in the classroom, opportunities to practice skills in the nursing laboratory and experiences in the clinical settings. Students apply communication techniques in eliciting comprehensive health histories and perform physical examinations in evaluating health status.

**NURS 215 Pathophysiology** 3 hours
- Prerequisite: BIOL 211; NURS 350; RN License in good standing
- The focus of this course is on physiological changes resulting from imbalances in the man-environment interaction throughout the life span. The emphasis is on application of general concepts of adaptation and homeostasis to each of the body’s systems and on relationship of these concepts to the practice of clinical nursing. The course provides the student with a scientific knowledge base applicable to the more advanced clinical practice of nursing.

**NURS 225 Research in Nursing** 3 hours
- Prerequisite: NURS 350; RN License in good standing
- This course provides an overview of the nursing process including methodology, design and interpretation of findings. It focuses on acquiring the beginning knowledge and skills essential for critical evaluation of research reports as well as guidance in the production of a poster presentation which incorporates evidence based knowledge related to a specific clinical problem.

**NURS 325 Nursing Concepts** 1 hour
- Prerequisite: NURS 350; RN License in good standing
- This course is designed to assist the registered nurse student through the transition between basic nursing preparation and a more advanced level of nursing practice. Focus is on concepts and issues related to the professional nurse, the nature and scope of professional nursing and selected theoretical models for nursing practice.

**NURS 350 Advanced Nursing Communication** 3 hours
- Prerequisite: RN License in good standing
- It is essential that professional nurses have communication skills that are effective in promoting optimal interaction with others in a variety of situations. This course focuses on developing expert communications skills when communicating with other health care providers and patients and when communicating professional information through writing and speaking.

**NURS 440 Strategies for Community Health Care** 5 hours
- Prerequisites: NURS 350; RN License in good standing
- This course focuses on the application of the nursing process to a population or community group. Emphasis is placed on community assessment process and the development of nursing strategies to assist multi-problem families, considering health on a continuum, throughout the lifespan. Family systems theory, theories of adaptation and educational needs of various populations will be addressed. The clinical focus is on the development of a broader perspective of the nurse’s role in a variety of clinical and environmental settings. In addition, the nurse’s role on the community health team and an understanding of health care needs of different cultural groups will be studied.

**NURS 445 Population Health** 3 hours
- Prerequisites: NURS 350; RN License in good standing
- This seminar course provides an overview of genetics, genomics, geriatrics, end-of-life care, and cultural sensitivity from a Christian worldview. Through the use of evidence-based practice guidelines, the student will utilize knowledge and skills attained throughout their nursing education and apply it to a variety of educational activities. These include Senior Mentor project, interaction with a community specialist panel, evidence-based research, self-reflection, therapeutic communication and critical thinking skills.

**NURS 490 Leadership/Management in Nursing** 3 hours
- Prerequisites: NURS 350; RN License in good standing
- Health Care organizations and the leadership/management skills required in various nursing care delivery systems are explored in this course. Emphasis is in the leadership roles of the nurse as an individual and a group member. While caring for groups of patients and individuals, students will explore a variety of nursing roles such as associate nurse, primary nurse, medication administrator and patient caregiver. Students are expected to synthesize previously learned knowledge in complex nursing situations and to expand their abilities to use the problem solving and decision making processes.

**NURS 491 Nursing Management** 3 hours
- Prerequisites: NURS 350; RN License in good standing
- This seminar course provides an overview of organizational theory, management theory, and change theory. The course examines nursing staffing patterns, patient care technology, information management, and communication between healthcare providers. Healthcare policies, including financial and regulatory influences are also reviewed. The course uses several techniques such as evidence based research, self-reflection, therapeutic communication, and critical thinking skills to gain understanding in nursing management.
PLAW 222  Real Estate Transactions and Property  3 hours
This course is a study of the fundamental precepts applicable to real property. The following aspects, among others, will be covered: biblical principles of ownership and stewardship, acquisition and discovery, landlord/tenant law and real estate transactions. Working through the mock due diligence, purchase, financing, closing, development and leasing necessary for legal representation will be taught.

PLAW 225  Tort Law  3 hours
This course is a study of the system for compensating persons injured by others and includes principles of intentional torts and privileges thereto, and principles of negligence.

PLAW 230  Criminal Practice and Procedures  3 hours
Prerequisites: PLAW 200 and PLAW 205
This course will introduce the general principles, sources, and purpose of criminal law, including the following doctrinal issues that apply to crimes in general: the act requirement, the mens rea requirement, causation, liability for attempted crimes, accomplice liability, defenses, and criminal code interpretation. The course will also introduce the limitations imposed on law enforcement activities by the Fourth, Fifth, and Sixth Amendments of the U.S. Constitution as applied to the states through the Fourteenth Amendment. The course generally considers the criminal justice process from investigation through arrest and initial court appearance.

PLAW 235  Wills, Trusts, and Estates  3 hours
A study of the basic devices in gratuitous transfers, including the will and trust; selected problems in class gifts, and will and trust substitutes; and social restrictions upon the power of testamentation, the formation of property interests, and the trust device.

PLAW 340  Family Law  3 hours
This course provides a balanced introduction to the theories, doctrines, and practice of family law. Students will learn the fundamental principles of family law, discuss important policy issues, learn practical skills and consider the ethical issues confronted by those who help process legal documents in family law.

PLAW 350  Corporate and Business Organizational Law  3 hours
An examination of agency, partnership, and corporation concepts with emphasis on the rights and obligations of partners. The formation, management, and operation of for-profit and nonprofit corporations will be taught.

PASTORAL LEADERSHIP

PLED 350  Pastoral Duties  3 hours
The call, qualifications and duties of the pastor are considered. In the areas of duties, such topics as preaching, teaching, evangelism, counseling and visitation will be taught. Instruction will be given in administering the ordinances of the church, as well as funerals and weddings.

PLED 450  Leadership and Management of the Local Church  3 hours
This course is designed to teach the student the basic organization necessary for an effective local church ministry. Emphasis is placed on the development of biblical management and leadership skills.

PSYCHOLOGY

PSYC 101  General Psychology  3 hours
Introduction to Psychology as a scientific discipline concerned with the study of behavior. Consideration will be given to such topics as human development, motivation, emotion, perception, learning, personality, intelligence, measurement and applied areas.
PSYC 210  **Developmental Psychology**  3 hours
An overview of the human life span from conception through senescence. Continuity of development as well as critical periods faced by the maturing human will be emphasized using contemporary theories and research as foundation materials.

**Note:** PSYC 101 or 210 is a prerequisite for all other Psychology courses.

PSYC 221  **Psychology of Childhood**  3 hours
A study of child growth and development from birth to puberty. Examination of the basic theories principles and practices of childhood training and education.

PSYC 231  **Psychology of Adolescence**  3 hours
An investigation of the psychological and environmental factors related to puberty, peer identification and identity conflict in the adolescent. Emphasis will be upon the development of self-identity and the problems faced by the American adolescent.

PSYC 235  **Psychology of Adulthood**  3 hours
The focus will be on viewing adult development as an integrative, dynamic and continuous process terminated only at death. The whole span of adulthood will be examined, including retirement and old age.

PSYC 255  **Introduction to Research**  3 hours
Prerequisite: PSYC 101, 210, or permission of the instructor
An introduction to psychological research techniques and methodology designed to improve students’ understanding of the basic issues in the scientific methods of the social sciences. The goals of the course are: to improve students’ understanding of the concepts related to research methodology; to improve the students’ ability to communicate ideas about science, including a significant amount of writing; and survey of both quantitative and qualitative research methods.

PSYC 305  **Overview of Theory and Treatment of Substance Abuse**  3 hours
Prerequisite: PSYC 101, 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 336  **Gerontology**  3 hours
The facts of demographics describe the background and present status of elderly people in the United States. Then the biological, psychological and sociological factors in aging will be studied to promote an in-depth understanding of the dynamics of aging. The dying-grieving processes, as well as LTC policies and government-sponsored programs are explored.

PSYC 341  **Psychology of Personality**  3 hours
The major historical and contemporary theories of the origin and development of personality are explored, emphasizing the role of the dynamics of personality.

PSYC 345  **Exceptional Child**  3 hours
All major areas of exceptionality will be surveyed to provide undergraduate students with a first contact with the field of exceptionality. The focus is cognitive content-based rather than experiential. Characteristics of children and families will be evaluated, according to theories of human development.

PSYC 354  **Statistics for the Social Sciences**  3 hours
Prerequisites: MATH 115 or the equivalent
Introduction to the descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, and visual displays of data with applications in psychology and the other social sciences.

PSYC 355  **Statistics in Psychology**  3 hours
Prerequisites: 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 406  **Addictions and the Recovery Process**  3 hours
Prerequisite: PSYC 306 or permission of the instructor
This course provides to students knowledge of addictions and the recovery process. Students will learn about dual diagnosis, co-morbid issues, adjunctive treatment and support, addiction and special populations (women, adolescents, same-sex attraction, etc.), codependency, relapse prevention, crisis management and counseling and HIV.

PSYC 407  **Addictions Groups, Ethics and the Community**  3 hours
Prerequisites: PSYC 371, 406; or permission of the instructor
This course focuses on the issues of group counseling and dynamics, client and community, education and ethics. Students will learn both didactic and psychodynamic group counseling skills. Learning groups will prepare a program of client and community education focused on substance abuse prevention. Students will also learn about ethical issues in substance abuse treatment.

PSYC 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 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.

SOCILOGY

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 the 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  The Mission and Mandate for Worship  3 hours
This is a study of the biblical purposes and mandate for worship according to the principles of Romans 12:1-21. Using materials and research gathered from this study, students are required to construct a series of Sunday School Lessons that articulate a biblical purpose and mandate for worship.

WRSP 420  A Biblical Model for 21st Century Worship  3 hours
Prerequisite: WRSP 410
This is a worship methods course that makes application of formational, transformational, relational, missional, and reproducible worship to daily living. Using materials and research from this study, students will be required to design a six-week discipleship-Bible study manual for worship leaders.

WRSP 430  Building Relationships through Worship  3 hours
This is a course that deals with the Bible principle of relationship. Attention is given to the worship leader developing relationship the pastor, worship team, choir and orchestra, and media team. Students will participate in an interview/research project with select worship pastors and musicians.

WRSP 440  Strategies for Worship Leading  3 hours
Prerequisite: WRSP 430
This is a methods course that deals with strategic planning for worship ministry. Attention is given to principles for developing traditional, blended, and contemporary models for worship. Students will be required to organize and develop worship strategy for small, medium and large worship ministry.

YOUTH MINISTRIES

YOUT 201  Survey of Youth Ministries  3 hours
A study of biblical principles in establishing and maintaining a ministry to adolescents. Emphasis is placed upon a system of philosophy and general principles for adolescent ministry. Special attention is given to developing a youth ministry mission statement, objectives and strategy.

YOUT 301  Foundations of Youth Ministry  3 hours
Prerequisite: YOUT 201
An investigation of specific elements that are building blocks for the biblical education of adolescents. Foundational issues, principles of teaching and curriculum development will be studied.

YOUT 350  Campus Ministry  3 hours
Prerequisites: YOUT 201, 301
A study of the history and strategy of reaching youth through the campus structure. Attention is given to the basic workings of the campus social system and the methods used in reaching it with the gospel. (Formerly YOUT 403).
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#### University Administration

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<tbody>
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<td>Senior Vice President for Academic Affairs and Provost</td>
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<tr>
<td>Ronald E. Hawkins, B.A., M.Div., Ed.S., D.Min., Ed.D.</td>
<td>Vice President for Academic Affairs and Vice Provost Professor of Counseling and Practical Theology</td>
</tr>
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</tbody>
</table>

#### Academic Affairs

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
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</tr>
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<tr>
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<table>
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<th>Name</th>
<th>Degree(s)</th>
<th>Position</th>
<th>Experience/Additional Information</th>
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<tr>
<td>Gutierrez, Tammy L.</td>
<td>B.S., M.Div.</td>
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<tr>
<td>Habermas, Gary R.</td>
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<td>Harker, Emilee; R.N., B.S.N., M.S.N.</td>
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<tr>
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<tr>
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<td>Heidt, Philip R.</td>
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<td>B.A., Liberty University; Th.M., Dallas Theological Seminary. At LU since 2009. (CLB)</td>
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<td>Heisey, Kevin</td>
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<td>Henderson, C. Anna</td>
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<td>B.S., Albright College; M.S., Ph.D., Pennsylvania State University. At LU since 2012.</td>
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<td>Henderson, Daniel</td>
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<td>B.S., Hardin Simmons University; M.A.R., Ed.D., Southwestern Baptist Theological Seminary. At LU since 2010. (CLB)</td>
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<td>Heppding, William Fred</td>
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<td>Hetrick, Amy E.</td>
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<td>Hicks, Melanie A.</td>
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<td>Hill, Carol</td>
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<td>Hinkson, Craig</td>
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<td>Hobson, Stephanie A.</td>
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<td>Hoinsky, Theresa E.</td>
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<td>Holbrook, Charles R.</td>
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<td>Holder, David</td>
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<td>Hollis, Jennifer Anne.</td>
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<td>Holt, Angela</td>
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<td>Holt, Travis</td>
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<td>Homer, McMillan D.</td>
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<td>B.A., M.Min., Trinity Baptist College; J.D., Florida Coastal School of Law. At LU since 2010. (CLB)</td>
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FACULTY ROSTER

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Co-Founder and Vice President, Liberty University
Dean, School of Religion and Liberty Baptist Theological Seminary and Graduate School
Distinguished Professor of Systematic Theology
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Title</th>
<th>Institution(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trombetta, Adelaide</td>
<td>B.M., M.M., A.D.</td>
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<tr>
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<tr>
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<tr>
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<tr>
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<tr>
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<tr>
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<tr>
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<tr>
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<tr>
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Financing the University

The Office of Development is designed to develop and foster lifelong relationships between the University and its constituents. By establishing opportunities for all graduates, friends, students, families, faculty, staff, corporations, and foundations to financially support the University, this office helps Liberty University maintain and enhance the outstanding quality of its faculty, students, programs, and facilities.

Provided below is an overview of ways to support Liberty University.

**Development**

**Annual Fund, Outright Gifts, Matching Gifts, and Gifts in Kind**

Annual gifts are contributions for the current, unrestricted use of the University or any of its colleges, schools, and programs. Outright gifts include contributions of cash, securities, and written pledges. Gifts of securities are credited at market value on the date the gift is delivered or postmarked. Matching gifts encourage charitable giving by matching their employees’ contributions. Gifts in kind are gifts of tangible personal property, such as artwork, computers, real estate, and services, which may be used by Liberty University or sold for funds to help support our continuing efforts to provide an outstanding Christian higher education. Gifts in kind may provide substantial tax benefits.

Specific information on the above plans may be obtained by contacting:

Mr. Tom Arnold  
Vice President for Development  
1971 University Blvd.  
Lynchburg, VA 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.

**Estate Planning**

**Bequests**

Federal tax laws encourage bequests to qualified institutions like Liberty University, with an unlimited estate tax deduction for such legacies. Here is a sample form of bequest your attorney may adapt in preparing your will:

```
I give, devise and bequeath to Liberty University, a Virginia non-stock, non-profit corporation located in Lynchburg, Virginia 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 income for life may find that the Liberty University Charitable Gift Annuity meets their needs. The rate of return depends on the annuitant’s age at the time the agreement is made.

**Life Insurance, IRAs, and Pension Plans**

A paid-up life insurance policy makes an excellent gift to Liberty University. The donor may receive significant tax benefits with this type of gift. Traditional IRAs and other qualified pension plan assets can be an excellent source of funding for charitable gifts. If these assets are transferred to an individual, the current value is subject to estate taxes, as well as federal and state income taxes (sometimes exceeding 80% of the value), but when designated to Liberty University, taxes are eliminated.

**Real Estate**

Land, homes, buildings, and other real property may be given to Liberty University as an outright gift or used to fund a life-income gift. A home may be given to the University and continue to be lived in throughout an individual’s lifetime. This is called a “Life Estate.” All such gifts of real estate and real property can benefit both the individual and the University.

**Scholarships/Endowments**

Gifts can be placed as a permanent endowment scholarship with the University. Each year the interest earned from the investment will provide tuition help for worthy students.

**Trusts**

Charitable Remainder Trusts (CRTs) are life income gifts. The remainder comes to the University after the passing of all income beneficiaries. Charitable Lead Trusts generate income for the University during the term of the trust, after which the assets are passed along to the heirs with significant tax savings.

Specific information on the above plans may be obtained by contacting:

Dr. Earl D. Sargeant  
Director of Estate Planning  
1971 University Boulevard  
Lynchburg, Virginia 24502  
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