

# Lubbock Christian University Catalog 2018-2019

## General Information

### Accreditation

- Lubbock Christian University is accredited by the Southern Association of Colleges and Schools Commission on Colleges or SACSCOC to award associate, baccalaureate, and master's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Lubbock Christian University.
- The Lubbock Christian University teacher education programs are accredited by the Texas Education Agency Educator Certification and Standards, 1701 North Congress Avenue WBT 5-100, Austin, Texas 78701.
- The Lubbock Christian University Bachelor of Social Work degree program is accredited by the Council on Social Work Education, 1725 Duke Street, Suite 500, Alexandria, Virginia 22314, 703-683-8080.
- The Lubbock Christian University Bachelor of Science in Nursing and Master of Science in Nursing degree programs are accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, 404-975-5000.
- The Lubbock Christian University Graduate School of Theology is a candidate for accredited member status with the Commission on Accrediting of the Association of Theological Schools, 10 Summit Park Drive, Pittsburgh, PA 15275, 412-788-6505.

### Memberships

- Alpha Chi National Honor Society
- American Association of University Women
- Association of Collegiate Business Schools and Programs
- Association of Texas Colleges and Universities
- Association on Higher Education and Disability
- Council on Undergraduate Research
- Great Plains Honors Council
- Independent Colleges and Universities of Texas
- Kappa Delta Pi International Honor Society for Education
- Modern Language Association
- National Association of Fellowship Advisors
- National Association of Independent Colleges and Universities
- National Association of Intercollegiate Athletics
- National Collegiate Honors Council
- National Council for State Authorization Reciprocity Agreements
- National Council of Family Relations
- Online Computer Library Center/Amigos Library Services
- Phi Alpha Honor Society for Social Work
- Sigma Tau Delta Honor Society for English
- Sigma Theta Tau International Honor Society for Nursing
- Texas Association of Colleges for Teacher Education
- Texas Language Consortium
- TexShare Consortium of Texas Libraries

### Equal Opportunity

Lubbock Christian University is open to persons regardless of race, color, gender, age, religion, national origin, or disabled condition who are otherwise eligible for admission as students. In the educational programs and activities of the university, students are treated without discrimination in their participation. In accordance with title IX, the university does not discriminate on the basis of gender in its education programs or activities. Any title IX inquiries, complaints, or grievances should be referred to the title IX coordinator, Yvonne Harwood, Director of Center for Student Success, Diana Ling Center for Academic Achievement (CAA), Office of the Center for Student Success, Room 117, 5601 19th Street, Lubbock, TX 79407, 806-720-7497 or the Office for Civil Rights, U.S. Department of Education, 1999 Bryan Street, Suite 2600, Dallas, TX 75201.

### Changes to the Catalog

Courses, tuition, fees and other conditions and policies set forth in this catalog shall be subject to change without notice at any

time. Changes or additions to the catalog are posted on the university web site.

**Contact Information**

Lubbock Christian University  
5601 19th Street, Lubbock, TX 79407  
Admissions Toll Free 800-933-7601  
Admissions 806-720-7151  
Fax 806-720-7255  
[www.lcu.edu](http://www.lcu.edu)

## Mission, Vision, Heritage and Values

### Mission

Lubbock Christian University is a Christ-centered, academic community of learners, transforming the hearts, minds, and hands of students for lives of purpose and service.

### Vision

Lubbock Christian University will be a leading Christian University, known for its academic excellence and its commitment to faith that seeks understanding, where wisdom is pursued, vocation is discerned, and service is fostered.

### Heritage of Faith

Lubbock Christian University was founded in 1957 by members of the Churches of Christ who came together to establish a Christian university on the South Plains of Texas for the purpose of preparing and equipping students for lives of Christian service. The university is committed to continuing to walk with, to serve, and to be sustained by that fellowship. We welcome and embrace all of our students who come to the university from different faith backgrounds and perspectives, each of them a precious creation of God. As part of a tradition that grew out of a deep commitment to Christian unity and the renewing power of the Word, our hope and prayer is that the university will be a force for reconciliation, consistent with the best instincts of our heritage.

### Values

We seek to be authentically Christian, guided by our Christian faith in every dimension of our life as a community of higher learning.

- We are committed to students, passionately seeking to provide a transformative educational experience.
- We are scholars and co-discoverers, guided by Christian wisdom while diligently seeking the truth in every discipline.
- We are a welcoming community, embodying a spirit of hospitality in every aspect of our life together.
- We are thoughtfully engaged, committed to serving as agents, models, and witnesses of the Kingdom of God in our families, churches, and communities.
- We pursue the highest standards of excellence, “working with all our hearts, as working for the Lord,” and seeking to glorify God in everything we do.
- We act with integrity, seeking to discern right from wrong, sharing the truth, and keeping our commitments.
- We treat others with dignity and respect, valuing each person as one made in God's image.

## Academic Structure

### Alfred and Patricia Smith College of Biblical Studies

- Department of Biblical Studies
- Graduate School of Theology

### Honors College

- Honors

### J.E. and Eileen Hancock College of Liberal Arts and Education

- Department of Communication and Fine Arts
- Department of Humanities
- Department of Psychology and Counseling
- School of Education

### B. Ward Lane College of Professional Studies

- Department of Chemistry
- Department of Exercise and Sport Sciences
- Department of Mathematics
- Department of Natural Sciences
- Department of Nursing
- Department of Social Work and Criminal Justice
- School of Business Administration

## Academic Calendar

### Undergraduate

- [2018-2019](#)

### Graduate

- [2018-2019](#)

### Finals Schedule

- [Fall 2018](#)
- [Spring 2019](#)

## Undergraduate Academic Programs

### Degree Programs

#### Associate of Science

- [General Science](#)

#### Bachelor of Arts

- [Biblical Text and Preaching](#)
- [Biology](#)
- [Children's Ministry](#)
- [Communication](#)
- [Criminal Justice](#)
- [Digital Media Arts and Applications](#)
- [Economics](#)
- [English](#)
- [Family Studies](#)
- [History](#)
- [Humanities](#)
- [Mass Media](#)
- [Mathematics](#)
- [Mathematics with an emphasis in Pre-Engineering](#)
- [Missions](#)
- [Music](#)
- [Music with an emphasis in Music Business](#)
- [Music with an emphasis in Pre-Music Therapy](#)
- [Psychology with an emphasis in Art Therapy](#)
- [Psychology with an emphasis in General Psychology](#)
- [Psychology with an emphasis in Sport and Exercise Psychology](#)
- [Spanish Education](#)
- [Theatre](#)
- [Theatre Education](#)
- [Youth and Family Ministry](#)

#### Bachelor of Business Administration

- [Accounting](#)
- [Business Administration with an emphasis in General Business](#)
- [Business Administration with an emphasis in Management](#)
- [Business Administration with an emphasis in Marketing](#)
- [Economics](#)
- [Finance](#)
- [Management Information Systems](#)

#### Bachelor of Fine Arts

- [Art with an emphasis in Drawing and Painting](#)
- [Art with an emphasis in Graphic Design](#)
- [Art with an emphasis in Art Education](#)

#### Bachelor of Science in Interdisciplinary Studies

- [Early Childhood Education](#)
- [Middle School Specialist](#)
- [Secondary Education](#)

#### Bachelor of Music

- [Music Education](#)

Bachelor of Science

- [Animal Science](#)
- [Animal Science with a Pre-Vet emphasis](#)
- [Biochemistry](#)
- [Biology](#)
- [Chemistry](#)
- [Chemistry with Educator Certification](#)
- [Economics](#)
- [Exercise Science with an emphasis in Athletic Training](#)
- [Exercise Science with an emphasis in Exercise and Health Promotion](#)
- [Exercise Science with an emphasis in Pre-Physical Therapy](#)
- [Exercise Science with an emphasis in Pre-Occupational Therapy](#)
- [Exercise Science with an emphasis in Sport and Exercise Psychology](#)
- [Information Systems and Technology](#)
- [Mathematics](#)
- [Natural Resources Ecology and Conservation](#)
- [Nursing](#)
- [Physical Education](#)
- [Sport Management](#)

[Bachelor of Social Work](#)

Pre-Professional Programs

- [Pre-Dental](#)
- [Pre-Health Professions](#)
- [Pre-Law](#)
- [Pre-Medical](#)
- [Pre-Nursing](#)

## Graduate Academic Programs

### Degree Programs

Master of Arts

- [Biblical Interpretation](#)
- [Christian Ministry](#)

Master of Arts in Teaching

- [Secondary Education](#)
- [Special Education](#)

[Master of Divinity](#)

Master of Education

- [Curriculum and Instruction](#)
- [Educational Diagnostics](#)
- [Educational Leadership](#)
- [Special Education](#)
- [Special Education with Emphasis in Dyslexia](#)

Master of Science

- [Clinical Mental Health Counseling](#)
- [Family Ministry](#)
- [Human Services](#)
- [Nursing](#)
- [School Counseling](#)

### Certification Programs

- [Educational Diagnostics Certification](#)
- [School Counselor Certification](#)
- [Secondary Education Certification](#)
- [Special Education Certification](#)
- [Principal Certification](#)
- [Superintendent Certification](#)
- [Post-MSN Family Nurse Practitioner Certification](#)

## Undergraduate Admissions Standards

Lubbock Christian University is open to all persons regardless of race, color, gender, age, religion, national origin, or disabled condition who are otherwise eligible for admission as students. In all university educational programs and activities, students are treated without discrimination in their participation. The university may exercise due diligence and deny admission to otherwise qualified individuals who have a history that indicates their presence might endanger members of the university community. To be considered for admission to distance education programs, the university must have prior state authorization to enroll students in the applicant state of residence. Students entering a program to prepare for licensing or certification should be aware that a licensing or certification authority may require a criminal background check, and may consider individuals with convictions or deferred adjudication for a felony or misdemeanor offense to be ineligible. Students with a concern have the right to request that the licensing authority issue a criminal history evaluation letter regarding their eligibility. For more information, consult the specific licensing or certification authority.

Applicants are admitted as first-time beginning students and transfer students. First-time beginning applicants either have no post-secondary educational experience or have advance college credit earned while in high school or the summer immediately following high school graduation. Transfer applicants have post-secondary educational experiences such as college or trade school.

To be considered for admission, an application for admission must be completed and submitted with payment of the non-refundable \$25 application fee. First-time beginning applicants must apply using the deadlines listed under the unconditional admissions section. Other applicants must apply no later than June 30 for fall entry and December 1 for spring entry. Applications received after the deadline will be considered if space allows. Admitted first-time beginning applicants must confirm their intention to enroll by remitting a non-refundable \$200 tuition advance, which will be applied to their initial tuition bill. Deadlines for remittance of the tuition advance are June 1 for summer or fall entry, December 1 for spring entry, or prior to registration, whichever comes first. First-time beginning applicants accepted after the deadline must remit the tuition advance within two weeks of the date of the acceptance letter or prior to registration, whichever comes first. Documents establishing eligibility for admission must be official.

State law requires the meningitis vaccine for students, which must be received at least 10 days before but not more than 5 years before the first day of class. Students 22 or older by the first day of class are exempt from meningitis vaccine requirement. See [www.lcu.edu/meningitis](http://www.lcu.edu/meningitis) for more information.

Phone numbers for undergraduate admissions are 1-806-720-7151, 1-800-933-7601 (toll free), and 1-806-720-7162 (fax). The undergraduate admissions e-mail address is [admissions@lcu.edu](mailto:admissions@lcu.edu).

### Unconditional Admission

#### First-Time Beginning

First-time beginning applicants with an ACT of 25-36 (SAT 1140-1600) are assured unconditional admission (high school GPA on final transcript must be 2.5 or higher). First-time beginning applicants with an ACT of 16-24 (SAT of 790-1130) are considered for unconditional admission based on an admissions index calculated by adding the ACT score equivalent to the high school GPA (4.0 scale) times 10. Use [this link to calculate your admissions index](#). An admissions index of 46 or higher is granted unconditional admission subject to the following exceptions.

- ACT of 15 (SAT 780) or lower is not considered for unconditional admission
- High school GPA lower than 2.5 is not considered for unconditional admission

First-time beginning applicants must have graduated from an accredited high school, completed a home school secondary curriculum, or passed the General Education Development (GED) test with a score of 45 or higher. Students completing a GED must score at least an 18 on the ACT (SAT 950) to be considered for unconditional admission.

Early Decision Period One - First-time beginning applicant - LCU is top choice

Completed application includes HS transcript through junior year, completed application forms, standardized test scores (ACT or SAT), application fee, and statement of purpose.

- Application deadline is October 31
- Early decision period one notifications made by December 15

Early Decision Period Two - First-time beginning applicant - LCU is one of top two choices

Completed application includes HS transcript through fall semester of senior year, completed application forms, standardized test scores (ACT or SAT), application fee, and statement of purpose.

- Application deadline is January 1
- Early decision notifications made by February 15

Regular Decision - First-time beginning applicant - LCU is one of top choices

Completed application includes HS transcript through fall semester of senior year, completed application forms, standardized test scores (ACT or SAT), application fee, and statement of purpose.

- Application deadline is June 15
- Regular decision notifications made by July 15

Before beginning classes, first-time beginning applicants must submit official ACT or SAT score reports, and an official high school transcript showing graduation, an official transcript showing graduation from a home school secondary curriculum, or an official score report indicating that the GED was passed with a score of 45 or higher. Before beginning classes, first-time beginning applicants official ACT or SAT score reports, and an official high school transcript showing graduation, an official transcript showing graduation from a home school secondary curriculum, or an official score report for the GED. First-time beginning applicants with college credit must also submit official college transcripts for that credit.

Transfers with 15 or Fewer Hours of Transfer Credit

Transfer applicants with 15 or fewer hours of transfer credit with an ACT of 25-36 (SAT 1140-1600) are assured unconditional admission (high school GPA on final transcript must be at least 2.5 and college GPA must be at least 2.0). First-time beginning applicants with an ACT of 16-24 (SAT 790-1130) are considered for unconditional admission based on an admissions index calculated by adding the ACT score equivalent to the high school GPA (4.0 scale) times 10. Use [this link to calculate your admissions index](#). An admissions index of 45 or more is granted unconditional admission subject to the following exceptions.

- ACT of 15 (SAT 780) or lower is not considered for unconditional admission
- High school GPA lower than 2.5 is not considered for unconditional admission
- College GPA lower than 2.0 is not considered for unconditional admission

Transfer applicants with 15 or fewer hours of transfer credit must have graduated from an accredited high school, completed a home school secondary curriculum, or passed the GED with a minimum score of 45, and have a college GPA of 2.0 or higher. Before beginning classes, transfer applicants with fewer than 15 hours of transfer credit must submit official college transcripts for all post-secondary work, official ACT or SAT score reports, and an official high school transcript showing graduation, an official transcript showing graduation from a home school secondary curriculum, or an official score report for the GED.

Transfers with 16 or More Hours of Transfer Credit

- 2.00 college GPA or higher for 0-89 hours attempted
- 2.25 college GPA or higher for 90+ hours attempted

## Special Admission

Applicants not meeting standards for unconditional admission may appeal, in writing, for special admission. Applicants admitted on appeal are admitted on academic probation. Terms of probation will be determined by the Admissions Appeal Committee.

## Readmission

Students who withdraw from the university or are not enrolled for one full semester, must submit a new application for admission, a new health form, and a transcript from each school attended in the interim. Students who were suspended for academic deficiency may apply for readmission to the university after one long semester.

## Temporary Admission

Students who are not seeking a degree may be admitted with a temporary status, but they are limited to nine hours of undergraduate work during an enrollment period. The student will be allowed to complete up to 12 hours of undergraduate work unless they are seeking a degree at another university. When students reach this 12 hour limit, they must apply for \_\_\_\_\_

unconditional admission. Students applying for temporary admission must re-apply for each enrollment period.

### **Concurrent Admission**

The university has an agreement with Texas Tech University and with South Plains College that allows students enrolled in one institution to register concurrently in the other institution. Freshmen cannot concurrently register without permission from the appropriate academic dean. Texas Tech or South Plains College students seeking a concurrent course at the university must apply through the admissions office. Students seeking concurrent enrollment at another institution must give prior notification to the registrar before applying.

### **International Student Admission**

This school is authorized under federal law to enroll international students. The following items must be submitted to the admissions office before the university can issue an I-20 to international students.

- Completed application for admission
- Recent photograph
- Copy of passport
- Completed health form
- Immunization Record demonstrating required immunizations
- Transcripts—an international student must have an official English translation of transcripts for secondary school and university/college courses completed. Note: a student who has completed college level work in a foreign country is required to submit an academic evaluation done by a reputable educational consulting service. The admissions office will be glad to provide the necessary contact information upon request.
- Application Fee—nonrefundable fee of \$25
- Prepayment—each student must pay a \$200 non-refundable tuition advance prior to registering for classes and make final payment for the first semester tuition, fees, room, and board by the 10th day of classes. Payment should be made to the student account advisor in the Business Office.
- Verification of Source of Support: Satisfactory evidence of financial resources must be established, which includes a financial statement for the last six months and an affidavit of support.
- TOEFL English Language Test—minimum composite score of 525 on the TOEFL-CBT or 71 on the TOEFL-IBT must be achieved for admission. A score of 5.5 or higher on the IELTS will be accepted in place of the TOEFL. See following section regarding TOEFL exemptions.
- Signed F-1 Status Contract
- Statement of Purpose—a personal essay describing their career goals and why they want to study at the university.
- Professional Recommendation—recommendation should come from a high school or college teacher or counselor
- Personal Recommendation—recommendation should come from a minister or some other professional who is well acquainted with the applicant.
- International applicants without previous college work will be required to take the ACT or SAT exam. To be accepted, international applicants must score a minimum of 18 on the ACT or 950 on the SAT.
- International students assume complete responsibility for their health care expenses. International students are considered to be maintaining status if they are making acceptable progress toward the completion of a degree.

### **International Students from English Speaking Countries**

English-speaking applicants from native English-speaking countries, including Australia, New Zealand, South Africa, the British Caribbean Islands, Canada, Ireland, Israel, the United Kingdom, and Kenya are not required to submit TOEFL or IELTS scores. The TOEFL or IELTS requirement will be waived for students scoring 490 or above on the SAT Evidence-Based Reading and Writing test or 18 or above on the ACT English test.

### **Cooperative Program with Lubbock Christian High School**

High school students at Lubbock Christian High School may earn up to 20 semester hours of college credit at the university. For more information about this program and the courses being offered, students should contact the School Counselor, Lubbock Christian High School, 2604 Dover Ave., Lubbock, Texas, 79407, 806-796-8700.

## Advanced Credit Policy

### Advanced Credit Using the ACT

The university will award college credit for an ACT score of 28 or higher in English or Mathematics.

### Advanced Credit Using the SAT

For tests taken after February 2005 and before March 2016 (SAT), the university will award college credit for a score of 670 or higher in Critical Reading or Mathematics. For tests taken after March 2016 (SAT16), the university will award college credit for a score of 710 or higher in Evidence-Based Reading and Writing or Math.

### Other Tests for Advanced Credit

Students may contact the testing coordinator to obtain further information regarding these tests:

- Advanced Placement (AP)-Examinations. Students who are enrolled in high school honors classes offering the advanced placement program should consult with their counselors about registering for advanced placement examinations given in May each year. The university will award college credit for a minimum score of 3 on most AP exams.
- College Level Examination Program (CLEP)-The testing office offers CLEP testing by appointment each semester. Students may also take CLEP tests at any other testing center and request their scores be sent to the university.
- End of Course (EOC) Examinations-Students who possess sufficient knowledge in an academic area and wish to challenge a course for credit should contact the director of testing for information. Students may not take a challenge exam in a course that is creditable by CLEP. The university reserves the right to determine which courses may be challenged. Prerequisites for the course to be challenged must be met before testing will be approved. Regulations on credit by examination apply to end-of-course examinations.
- Dantes Subject Standardized Tests (DSST)-Organizational management and leadership majors may obtain credit by taking the DSST tests relating to the work experiences that they have had.
- Armed Forces Credit-The university will evaluate for credit appropriate educational experience in the armed services as recommended by the American Council for Education (ACE).

### Applicability of Advanced Credit to Degree Program

Students should consult with the appropriate department chair or dean about the applicability of advanced credit to their graduation requirements before taking the seeking credit.

### Miscellaneous Information on Advanced Credit

- The cost for each CLEP exam is \$87 plus an administrative fee of \$40.
- The cost for each EOC exam is \$280.
- The cost for each DSST exam is \$85 plus an administrative fee of \$40.
- The maximum credit toward graduation that may be earned by advanced credit is 45 semester hours. The university reserves the right to evaluate tests for duplication and to define which courses available for advanced credit, the specific score required, and the credit awarded.
- Course credit by examination may not be used to satisfy the residence requirement for a bachelor's degree.
- Credit earned by advanced credit is marked TR on the transcript and will not count toward the computation of grade point averages. The university does not guarantee credit earned by advanced credit will transfer to another institution.
- Students must wait three months or longer before repeating advance credit examinations.
- Advanced credit will not be granted if the course is a prerequisite or is not as academically advanced as a course already completed.
- Advanced credit is not available for courses in which students are enrolled. Enrollment is defined as being on the class roll after the 12th day of a long term or after the 3rd day of a short term.
- Advanced credit will not be granted if students have previously taken the course or subject matter at any college.

### Minimum Scores Required to Earn Advanced Credit

ACT-American College Testing Program-Exam is taken prior to admission to the university. Official score report is required to award credit.

ACT EXAM	SCORE	COURSE ID	COURSE TITLE
Math	28	MAT 1311	College Algebra
English	28	ENG 1301	Composition Studies

SAT taken after February 2005 and before March 2016. Exam must be taken prior to admission to the university. Official score report is required to award credit.

SAT EXAM	SCORE	COURSE ID	COURSE TITLE
MATH	670	MAT 1311	College Algebra
CRITICAL READING	670	ENG 1301	Composition Studies

SAT taken after March 2016. Exam must be taken prior to admission to the university. Official score report is required to award credit.

SAT 16 EXAM	SCORE	COURSE ID	COURSE TITLE
MATH	710	MAT 1311	College Algebra
EVIDENCE-BASED READING AND WRITING	710	ENG 1301	Composition Studies

AP-Advanced Placement Program-College Entrance Examination Board: Courses and exams are taken in high school. Official transcripts are required from CEEB to award credit.

AP EXAM	SCORE	COURSE ID	COURSE TITLE
Art History	3	ART 2307 or 2308	Survey of Art History I or II
Biology	3	BIO 141	General Biology I
Biology	4,5	BIO 141 and 142	General Biology I and II
Calculus AB	3	MAT 1402	Calculus I
Calculus BC	3	MAT 1402	Calculus I
Calculus BC	4	MAT 1402 and 1403	Calculus I and II
Chemistry	3	CHE 1307 and 1107	General Chemistry I and Lab
Chemistry	4,5	CHE 1307 and 1107 CHE 1308 and 1108	General Chemistry I and II and Labs
Chinese Language and Culture	3	CHIN 141	Chinese Language I
Chinese Language and Culture	4	CHIN 141 and 142	Chinese Language I and II
Computer Science A	3	IST 2311 or 3324	C++1 or Java
Economics Macro	3	ECO 2301	Macroeconomics
Economics Micro	3	ECO 2302	Microeconomics
English Language and Composition	3	ENG 1301	Composition Studies
English Literature and Composition	4,5	ENG 1301 and 1302	Composition Studies
Environmental Science	3	NRC 131	Man and His Environment
European History	3	HIS 2311	European History 1450 to Present
European History	4	HIS 2311 and 2312	European History 1450 to Present; History Elective
French Language and Culture	3	FREN 141 and 142	Beginning French I and II
French Literature	3	FREN 231	Introduction to French Literature
French Literature	4	FREN 231 and 232	Introduction to French Literature I and II
German Language and Culture	3	GERM 141 and 142	Beginning German I and II

Comparative Government and Politics	3	GOV 1301	Survey of World
United States Government and Politics	3	GOV 2301	National Government
Human Geography	3	GEG 1303	Beginning Human Geography
Italian Language and Culture	3	ITAL 141 and 142	Beginning Italian I and II
Japanese Language and Culture	3	JAPN 141	Beginning Japanese I
Japanese Language and Culture	4	JAPN 141 and 142	Beginning Japanese I and II
Latin	3	LAT 131 and 132	Beginning Latin I and II
Music Theory	3	MUS 1305 and 1105	Elementary Music Theory I and Lab
Physics 1 - Algebra Based	3	PHY 1303 and 1103	General Physics I and Lab
Physics 2 - Algebra Based	3	PHY 1304 and 1104	General Physics II and Labs
Physics C: Mechanics	3	PHY 2301 and 2101	Engineering Physics I and Lab
Physics C: Mechanics	4,5	PHY 2301 and 2101 PHY 2302 and 2102	Engineering Physics I and II and Labs
Physics C: Electricity and Magnetism	3	PHY 2301 and 2101	Engineering Physics I and Lab
Physics C: Electricity and Magnetism	4,5	PHY 2301 and 2101 PHY 2302 and 2102	Engineering Physics I and II and Labs
Psychology	3	PSY 1300	General Psychology
Psychology	4,5	PSY 1300 and 2310	General Psychology; Lifespan Human Development
Spanish Language and Culture	3,4	FOL 1401 and 1402	Beginning Spanish I and II
Spanish Language and Culture	5	FOL 1401 and 1402 and 2301	Beginning Spanish I and II; Intermediate Spanish I
Spanish Literature and Culture	3	FOL 3301	Introduction to Spanish American Literature and Life
Spanish Literature and Culture	4	FOL 3301 and 3302	Introduction to Spanish American Life and Literature; Introduction to Spanish Life and Literature
Statistics	3	BUA 2310	Business Statistics
Studio Art 2-D Design	3	ART 1305	Foundations of Design
Studio Art 3-D Design	3	ART 2305 or 3308	Explorations in Media; Three-Dimensional Design
Studio Art: Drawing	3	ART 1303	Drawing I
U.S. History	3	HIS 2301	History of the United States I
U.S. History	4	HIS 2301 and 2302	History of the United States I and II
World History	3	HIS 1316	World History and Geography II
World History	4	HIS 1315 and 1316	World History and Geography I and II

CLEP-College Level Examination Program-College Entrance Examination Board: Exams may be taken at any university. Official transcript from CEEB are required to award CLEP credit.

Exam	Minimum Score	Course ID	Course Title
American Government	55	GOV 2301	National Government
American Literature	53	ENG 2326	American Literature I

American Literature	58	ENG 2326 and 2327	American Literature I and II
Analyzing and Interpreting Literature	52	ENG 2329	Analyzing and Interpreting Literature I
Analyzing and Interpreting Literature	55	ENG 2329 and 2330	Analyzing and Interpreting Literature I and II
Biology	54	BIO 141	General Biology I
Calculus	56	MAT 1402	Calculus
Chemistry	56	CHE 1307 and 1107	General Chemistry I and Lab
Chemistry	65	CHE 1307 and 1107 CHE 1308 and 1108	General Chemistry I and II and Labs
College Algebra	53	MAT 1311	College Algebra
College Composition	55	ENG 1301	Composition Studies
College Composition	63	ENG 1301 and 1302	College Composition; Composition and Literature
College Mathematics	55	MAT 1310	College Mathematics
English Literature	52	ENG 2390	English Literature
French Language	53	FREN 141	Beginning French I
French Language	56	FREN 141 and 142	Beginning French I and II
French Language	64	FREN 141 and 142 and 231	Beginning French I and II; Introduction to French Literature
French Language	66	FREN 141 and 142 and 231 and 232	Beginning French I and II; Introduction to French Literature; French Literature II
American Government	55	GOV 2301	National Government
American Literature	53	ENG 2326	American Literature I
American Literature	58	ENG 2326 and 2327	American Literature I and II
Analyzing and Interpreting Literature	52	ENG 2329	Analyzing and Interpreting Literature I
Analyzing and Interpreting Literature	55	ENG 2329 and 2330	Analyzing and Interpreting Literature I and II
Biology	54	BIO 141	General Biology I
Calculus	56	MAT 2487	Calculus
Chemistry	56	CHE 1307 and 1107	General Chemistry I and Lab
Chemistry	65	CHE 1307 and 1107 CHE 1308 and 1108	General Chemistry I and II and Labs
College Algebra	53	MAT 1311	College Algebra
College Composition	55	ENG 1301	Composition Studies
College Composition	63	ENG 1301 and 1302	College Composition; Composition and Literature
College Mathematics	55	MAT 1310	College Mathematics
English Literature	52	ENG 2390	English Literature
French Language	53	FREN 141	Beginning French I
French Language	56	FREN 141 and 142	Beginning French I and II
French Language	64	FREN 141 and 142 and 231	Beginning French I and II; Introduction to French Literature
French Language	66	FREN 141 and 142 and 231 and 232	Beginning French I and II; Introduction to French Literature; French Literature II
German Language	54	GERM 141	Beginning German I
German Language	55	GERM 141 and 142	Beginning German I and II

German Language	60	GERM 141 and 142 and 231	Beginning German I and II; German Literature I
German Language	66	GERM 141 and 142 and 231 and 232	Beginning German I and II; German Literature I and II
History of the United States I	54	HIS 2301	History of the United States I
History of the United States II	55	HIS 2302	History of the United States II
Human Growth and Development	56	PSY 2310	Lifespan Human Development
Humanities	53	AFA 231	Introduction to Fine Arts I
Humanities	56	AFA 231 and 232	Introduction to Fine Arts I and II
Introduction to Educational Psychology	54	PSY 272	Educational Psychology
Introductory Business Law	56	BUS 2301	Business Law
Introductory Psychology	53	PSY 1300	General Psychology
Introductory Sociology	55	SOC 1300	General Sociology
Natural Sciences	53	SCI 141	Natural Science I
Natural Sciences	57	SCI 141 and 142	Natural Science I and II
Pre-Calculus	56	MAT 1313	Pre-Calculus
Principles of Financial Accounting	52	ACC 2301	Principles of Accounting I
Principles of Financial Accounting	56	ACC 2301 and 2302	Principles of Accounting I and II
Principles of Macroeconomics	53	ECO 2301	Macroeconomics
Principles of Management	54	BUA 233	Organization and Management
Principles of Marketing	56	BUA 234	Principles of Marketing
Principles of Microeconomics	53	ECO 2302	Microeconomics
Social Sciences and History	55	SOC 231 or 232	Social Science and History; or Sociology of Bureaucracy
Social Sciences and History	58	SOC 231 and 232	Social Science and History; Sociology of Bureaucracy
Spanish Language	53	FOL 1401	Beginning Spanish I
Spanish Language	56	FOL 1401 and 1402	Beginning Spanish I and II
Spanish Language	67	FOL 1401 and 1402 and 2301	Beginning Spanish I and II; Intermediate Spanish I
Spanish Language	70	FOL 1401 and 1402 and 2301 and 2302	Beginning Spanish I and II; Intermediate Spanish I and II
Western Civilization I	54	HIST 141	Western Civilization I
Western Civilization II	54	HIST 142	Western Civilization II

IB-International Baccalaureate: An IB diploma or certificate must be awarded from an IB member school. Official transcripts from IBO are required to receive credit. C: certificate awarded, D: diploma awarded, S: standard level, H: higher level.

EXAM	4(D)	5 (CH/DSH)	6/7 (CH/DSH)
Biology	BIO 141	BIO 141	BIO 141
Chemistry	CHE 1307	CHE 1307	CHE 1307
Computer Science	IST 1350	IST 1350 and 131	IST 1350 and 131
Design Engineering	EGR 131	EGR 131 and 132	EGR 131 and 132
Economics	ECO 2301	ECO 2301 and 2302	ECO 2301 and 2302
English A1	ENG 1301	ENG 1301 and 1302	ENG 1301 and 1302
Environmental Systems	NRC 2300	NRC 2300 and 2301	NRC 2300 and 2301
French B	FOL 141	FOL 141 and 231	FOL 141 and 231
Geography	GEG 2300	GEG 1301 and 2300	GEG 1301 and 2300

German B	FOL 141	FOL 141 and 231	FOL 141 and 231
German A1 or A2	FOL 232	FOL 231 and 232	FOL 231 and 232
History, All Regions	HIS 1315	HIS 1315 and 1316	HIS 1315 and 1316
History, Africa	HIS 137	HIS 137 and 237	HIS 137 and 237
History, Americas	HIS 132	HIS 132 and 232	HIS 132 and 232
History, East and Southeast Asia	HIS 138	HIS 138 and 238	HIS 138 and 238
History, Europe	HIS 136	HIS 136 and 236	HIS 136 and 236
History, West and South Asia	HIS 139	HIS 139 and 239	HIS 139 and 239
Latin	LAT 131	LAT 131 and 132	LAT 131 and 132
Mathematics	MAT 1313	MAT 1313 and 1316	MAT 1313 and 1316
Mathematics Methods	MAT 1311	MAT 1311 and 1313	MAT 1311 and 1313
Mathematics Studies	MAT 1310	MAT 1310 and 1311	MAT 1310 and 1311
Music	MUS 1301	MUS 1301 and 1305	MUS 1301 and 1305
Philosophy	PHI 2304	PHI 2304	PHI 2304
Physics	PHY 1303	PHY 1303 and 1103	PHY 1303 and 1103
Psychology	PSY 1300	PSY 1300 and 132	PSY 1300 and 132
Russian B	RUSN 141	RUSN 141 and 2301	RUSN 141 and 2301
Russian A1 or A2	RUSN 2301	RUSN 2301 and 2302	RUSN 2301 and 2302
Social Anthropology	ANTH 236	ANTH 236 and 2376	ANTH 236 and 2376
Spanish B	FOL 1402	FOL 1402 and 2301	FOL 1402 and 2301
Spanish A1 or A2	FOL 2301	FOL 2301 and 2302	FOL 2301 and 2302
Theater Arts	THA 131	THA 131 and 132	THA 131 and 132
Visual Arts Design	ART 1303	ART 1303 and 1352	ART 1303 and 1352
Visual Arts History	ART 2307	ART 2307 and 2308	ART 2307 and 2308

## Graduate Admission Standards

### Application Process

Applications for admission to Graduate Studies at the university are available on the university web site, in the Graduate Studies office, or in academic offices with graduate programs. Applications must be submitted no later than four weeks prior to the beginning of a session.

State law requires the meningitis vaccine for students, which must be received at least 10 days before but not more than 5 years before the first day of class. Students 22 years or older by the first day of class or students enrolled only in online courses are exempt. See [www.lcu.edu/meningitis](http://www.lcu.edu/meningitis) for more information.

Students entering a program to prepare for licensing or certification should be aware that a licensing or certification authority may require a criminal background check, and may consider individuals with convictions or deferred adjudication for a felony or misdemeanor offense to be ineligible. Students with a concern have the right to request that the licensing authority issue a criminal history evaluation letter regarding their eligibility. For more information, consult the specific licensing or certification authority.

After applications are processed and required documents are received, the applicants will be notified of their admission status. Applicants are not accepted until an official letter of acceptance is issued. For further information regarding the application process, please contact the Graduate Studies office at 800-933-7601, 806-720-7599, or [graduatestudies@lcu.edu](mailto:graduatestudies@lcu.edu).

### Admissions Considerations

- The university is open to all persons regardless of race, color, gender, age, religion, national origin, or disabled condition who are otherwise eligible for admission as students.
- To be considered for admission to distance education programs, the university must have prior state authorization to enroll students from the state of residence.
- The university will exercise due diligence and may deny admission to otherwise qualified individuals who have a history that indicates their presence might endanger members of the university community.

### Admission Standards

Applicants must submit an official transcript bearing a baccalaureate degree with a minimum of 120 academic hours from a regionally accredited college or university. Courses taken for the degree must include a minimum of 39 upper level hours. Hours awarded for life or work experience will not satisfy upper level requirements. Vocational courses will not be counted toward the 120 academic hour requirement. Evidence of grade point averages, degrees, and test scores must be on official transcripts or official score reports. Students on probation or suspension at other institutions are not eligible for admission.

### Unconditional Admission

Applicants for graduate programs must also meet the following requirements for unconditional admission.

- GPA of at least 3.0 on a baccalaureate degree or cumulative GPA of at least 3.0 for the last 60 hours of baccalaureate studies. Baccalaureate degrees earned from non-regionally accredited institutions must be evaluated to determine adequacy of preparation. Graduate transfer applicants must have a cumulative GPA of at least 3.0 in twelve or more graduate hours in a discipline relevant to the graduate program for which the applicant is seeking admission.
- Favorable letter of reference from professional contact.
- Favorable letter of reference from personal or academic contact.

Additional program admission requirements:

- Clinical Mental Health Counseling—professional resume, additional professional reference, and interview. Criminal background check is necessary for counselor license.
- Education—permission of department. Applicants who earned degrees from outside the United States must also score 26 or higher in each section of the TOEFL IBT. No previous misdemeanor or felony convictions. The State Board will conduct a background check prior to issuance of certification.
- Graduate School of Theology—additional letters of reference, three total including: academic, professional, and personal, a personal essay of background and professional aims, an interview, and approval by Graduate School of Theology admissions committee.

- Human Services—submit resume and essay.
- Nursing—Education/Leadership track—official transcript from nursing school and evidence of current licensure as a registered nurse and completion of background check.
- Nursing—Family Nurse Practitioner track—official transcript from nursing school; evidence of current Texas licensure as a registered nurse; completion of background check; Bachelor of Science in Nursing (BSN) preferred, 2 years full-time Registered Nurse (RN) work experience; current Basic Life Support (BLS) certification; evidence of American Heart Association's (AHA) Electrocardiogram (EKG) Recognition course completion; submission of personal essay specifying interest in becoming a family nurse practitioner, long term-career goals, and why admission is sought in this graduate program; submission of professional resume or curriculum vitae; and faculty interview. Favorable letter of reference from either a Family Nurse Practitioner (FNP) or Physician. An application evaluation scale will be used to determine applicants to be interviewed.
- School Counseling—professional resume, additional professional reference, and interview. Teacher certification, teaching experience, and a criminal background check is necessary to apply for licensing as a school counselor in Texas. Applicants who earned degrees from outside the United States must also score 26 or higher in each section of the TOEFL IBT. Applicants from other states should evaluate the program to determine if it is acceptable for certification in their states.

### **Appeals for Admission**

Applicants not meeting the unconditional standard may submit a letter of appeal to the Graduate Studies office.

### **Admission for Undergraduate Students**

LCU undergraduate students who are within 12 hours of earning a baccalaureate degree, and who meet all other unconditional graduate admission requirements, may be permitted to concurrently enroll in undergraduate and graduate coursework as programs permit. Students will be prohibited from enrolling in more than 15 hours of combined graduate and undergraduate hours, and will be limited to 6 graduate hours or less during the long semester. If eligible for financial assistance, the student will only be awarded aid for the undergraduate-level enrollment.

LCU students who are within 12 hours of completing their baccalaureate degree may be conditionally approved for pre-enrollment in an LCU graduate program. Enrollment as a conditional student is limited to 6 graduate hours. Continued enrollment at the graduate level, re-evaluation of academic standing, and eligibility for graduate-level financial aid will be determined only upon successful posting of a baccalaureate degree. Undergraduate students are not eligible for admission to the MSN-FNP track.

### **Non-Degree Admission**

Individuals may apply for non-degree seeking status if desiring to transfer earned graduate hours to another institution. Non-degree admission is not available to the MSN-FNP track.

Required documentation will include:

- Application and application fee
- Official transcript(s) showing a bachelor's degree and any previous graduate work
- Students wishing to transfer graduate hours to another institution must provide a Letter of Good Standing as documentation of enrollment in a university graduate program and the approval of that university to enroll in coursework at LCU.

Students admitted with non-degree seeking status are prohibited from earning more than 12 semester hours at that status, and no more than 12 hours earned in that status can apply towards a degree, if part of the degree plan. Students admitted as non-degree seeking, are not eligible for financial assistance and must reapply for admission each enrollment period.

### **Readmission**

Contact the Graduate Studies office.

### **Transfer Credit Policy**

Graduate courses accepted for transfer credit must be of an appropriate level and content, and the student must have earned a grade of B or higher. Teacher credential must also be evaluated for credit earned at non-regionally accredited institutions. Students wishing to appeal results of transfer credit evaluations may do so, in writing, to the appropriate dean, \_\_\_\_\_

whose decision is final. Students may petition the department to accept up to 9 transfer hours for 30 hour master's degrees, up to 12 transfer hours for 35-37 hour degrees, up to 15 hours for 48-49 hour degrees; up to 18 hours for 60 hours degrees; and up to 33 hours for the 72 hour degree. The MSN-FNP track will not accept transfer credit. Transfer credit is granted only after applicants are accepted for admission.

### **International Student Admission**

This school is authorized under Federal law to enroll international students on F-1 status. International student immigration policies are governed by the Bureau of Citizenship and Immigration Services of the United States Homeland Security. Federal law governs immigration requirements for applicants who are not citizens of the United States. International applicants must meet general and program admission standards to be admitted. The following additional items must be submitted to the graduate admissions office at least 60 days before the entry date. The university can issue an I-20 to immigrating international students only when all documents are received. Any costs associated with the application or for delivery of the I-20 are the responsibility of the international applicant.

It is the responsibility of the student to meet and maintain eligibility to be an international student on F-1 status. Immigration regulations change frequently. Students should contact the Designated School Official (DSO) for updates. The following additional items must be submitted to the graduate admissions office before the university can issue an I-20 to immigrating international students:

- \$200 tuition deposit
- Copy of passport
- Recent photograph
- Completed health form
- Immunization Record demonstrating required immunizations
- Global evaluation of transcript—official transcripts from institutions outside the United States must be accompanied by official course-by-course English translation of college transcripts showing course titles, grades awarded, degree awarded, and date degrees awarded.
- Verification of source of support
- TOEFL English Language Test—minimum composite score of 525 on the TOEFL-CBT or 71 on the TOEFL-IBT must be achieved for admission. A score of 5.5 or higher on the IELTS will be accepted in place of the TOEFL. See following section regarding TOEFL exemptions.
- Statement of Purpose
- Signed F-1 Status Contract
- Transfer Form—applies to students who have previously studied in the US

International students immigrating to the United States to attend classes must report to the Designated School Official (DSO) in the Graduate Studies office within 15 days of the program start date listed on the I-20.

International students will be required to pay the remainder of the first semester's balance in full prior to the beginning of classes.

### **International Students from English Speaking Countries**

English-speaking applicants from native English-speaking countries, including Australia, New Zealand, South Africa, the British Caribbean Islands, Canada, Ireland, Israel, the United Kingdom, and Kenya are not required to submit TOEFL or IELTS scores.

### **International Student Transfers**

International students transferring from another institution must apply for admission, be accepted, and request and receive a transfer in SEVIS from their former institution. Transferring international F-1 status will be issued after the release date of the former institution and students must transfer within 30 days of the release date. Transferring students must begin classes during the semester indicated in the admission letter and within five months from the release date of the prior school.

## Undergraduate Academic Policies

Students are responsible to comply with the academic policies listed in this catalog. Unfamiliarity academic policy does not constitute a valid reason for failure to comply.

### Glossary

- Semester Hours-College courses are offered for one, two, three, or four semester hour credits. Traditionally delivered three-hour courses meet three hours per week for one full semester and typically require two hours of study or preparation time for each hour in class. Courses occurring in shorter terms or courses delivered through distance education formats are designed to provide learning opportunities that are equivalent to traditionally delivered courses.
- Course Load-Students usually take from 12 to 18 hours during a semester.
- Full-time/Part-Time-Undergraduate students enrolled for 12 semester hours or more in a term are considered full-time. Graduate students enrolled for six hours or more in a term are considered full-time.
- Grade Point Average (GPA)-GPA is figured by dividing total grade points by the number of hours attempted. Values assigned are, A=4, B=3, C=2, D=1, F=0 points.
- University Core-The university core is comprised of courses that are central to the college education.
- Academic Calendar-the official calendar that defines the start and end date for each term and communicates significant deadlines.
- Academic Year-The academic year is composed of three long terms, fall, spring, and summer. Each term is comprised of sessions of varying lengths, including 16 week traditional length terms and short sessions of varying lengths.

### Academic Integrity

Students must conduct themselves with honor and integrity. Refer to the student handbook code of academic integrity.

### Grading

Final grades are recorded by faculty and available to students at the end of each enrollment period through the student information system. Grades can only be changed by written authorization of the instructor and academic dean. Grade changes must be received in the office of the registrar within one long semester after the initial grade was given.

### Grade Appeals

Students appealing a grade must complete the following.

- First, discuss the grade in question with the instructor of the course
- If the issue is not resolved with the instructor, students may appeal to the chair of the department offering the course
- If there is still no resolution of the problem, students may appeal to the dean of the appropriate college
- Finally, students may appeal to the academic appeals committee

Grade appeals must be in writing and are only accepted within one semester after the grade was assigned. During the appeal, students and faculty will meet with the members of the committee to present their cases. Decisions of the academic appeals committee are final.

### Letter Grades

- A-Excellent, four grade points per hour
- B-Good, three grade points per hour
- C-Average, two grade points per hour
- D-Poor, one grade point per hour

The following designations are calculated at zero grade points per hour

- F-Failure, no credit, given for failure to meet standards for passing the course or for failing to meet university attendance requirements.
- IP-In Progress, given at the discretion of instructors if requested by the student. When an IP is granted, students have the next consecutive term the course. For example, students receiving an IP in the spring, must complete the

course before the end of the summer. If the course is not completed within the allotted time, the grade will be changed to F.

- N-Non-credit, indicates a student took a course and completed required work and tests, but requested no credit.
- O-Audit, indicates a student attended the class, but did not participate or complete required work.
- P -Indicates passing credit received without academic grades or grade points. A limited number of elective courses may be annotated with the grade of P.
- TR-Credit accepted from another university and credit by examination.
- W-Indicates a student has withdrawn or been dropped officially during the first 2/3 of the term.

## Audit

Students may audit one lecture class per term with the approval of the department chair. Courses delivered by distance education formats are not eligible for audit. Non degree seeking students, may audit courses provided the department chair approves and space is available. Auditors may be removed, if the space is needed for a student taking the course for credit. Students who audit a course are not eligible to take the same course for academic credit or seek credit for the same course through credit by exam. Students are not permitted to change a class from audit to credit or from credit to audit after the 11th class day of a semester or the 4th class day of a short term. Audit tuition is non-refundable.

## Non-Credit

Students enrolled in non-credit classes, attend classes, turn in assignments, confer with the instructor, and take tests, but the transcript will identify the course as taken for non-credit. Students are not permitted to change a class from non-credit to credit or from credit to non-credit after the 11th class day of a semester or the 4th class day of a short term. Non-credit tuition is non-refundable. Courses delivered by distance education formats are not eligible for non-credit.

## Pass/Fail Grades

Students with at least 30 semester hours, a grade point average of at least 2.0, and advisor permission, may elect to take one elective course each semester on a pass/fail basis. No more than 12 total hours may be taken pass/fail. Pass/fail forms are available in the office of the registrar. Consult the academic calendar to determine the period of time when pass/fail is an option.

## Adds/Drops

Students may change their course schedules, with advisor approval, before the end of the drop/add period. Students dropping or adding courses after the drop/add period expires will be charged a \$25 drop/add fee per course. Courses dropped during the drop/add period will not appear on the transcript. Courses dropped after the drop/add period, but before the last day to drop with a W, will be recorded on the transcript with a grade of W. Electing not to attend classes without dropping a class will result in a grade of F. Drop/add period dates are found on the academic calendar.

## Withdrawals

Students desiring to withdraw from the university must complete a withdrawal form. Withdrawal forms are available from the office of the registrar. The withdrawal process includes consulting with the office of financial assistance and the business office to determine financial implications. An appropriately executed withdrawal results in a W recorded on the transcript in lieu of a grade. In cases where a course was completed before a withdrawal, the earned grade is recorded. Students failing to complete the withdrawal process receive grades of F.

## Late Enrollment

Late registration is permitted during the late registration period. Enrollment after the late registration period must be approved by the academic dean.

## Classifications

- Freshman-completed 0-29 hours of college credit
- Sophomore-completed 30 hours of college credit
- Junior-completed 60 hours of college credit
- Senior-completed 90 hours of college credit
- Post-Baccalaureate-taking courses for credit leading toward a second degree or teacher certification after

- completion of a first degree
- Post-Graduate-taking courses for credit or noncredit after completing a baccalaureate degree

## Repeating Courses

Students wanting to raise their grade point average may repeat a course. Both grades will appear on the transcript, but the last grade received is used for the grade point average. Courses taken at other universities are not accepted to improve grade point averages.

## Course Loads

Regular student loads during a semester are 12-18 hours. Students who hold jobs or who scored in the lower quarter on their entrance examination are encouraged to enroll in fewer than 15 hours during their first college semester. Students on probation must take no more than 12 hours. Students who want to take more than 18 hours must have permission from the academic dean.

## Bible Requirements

Students must complete a general Bible requirement to earn a baccalaureate degree. Beginning freshmen must complete a 12 hour general Bible requirement. Full-time beginning undergraduates are required to take Bible their first two semesters and are not permitted to withdraw from Bible classes without permission of the dean of the college of biblical studies. Transfer student Bible requirements are the higher of 6 hours or 10% of the hours needed to complete a baccalaureate degree rounded to the nearest 3 hour increment. Transfer Bible majors must complete a 12 hour general Bible requirement.

## Chapel Attendance Requirements

Chapel attendance is mandatory for certain students. Refer to the student handbook for chapel attendance policy.

## Attendance

Students are responsible for material presented in or assigned for their courses, even when they are absent from class, and will be held accountable for such material in the determination of course grades. Faculty will not apply a more restrictive attendance policy than the one outlined below. Students who miss three, six, or nine class meetings in courses meeting once, twice, or three times per week, respectively, may, at the discretion of the professor, be dropped from the course with a grade of F. Students participating in authorized school related functions who miss more than 25% of the class meetings, may, at the discretion of the professor, be dropped from the course with a grade of F. Students will work with coaches, directors, and sponsors and their professors to keep track of their attendance and not miss more than the allotted class meetings. Students who enter the university after the starting date will accrue absences from the date the class began. Students may be required to make up any class work and/or assignments missed due to absences. Students whose absences were caused by personal illness, a death in the immediate family, or authorized participation in official school functions must be given an opportunity to rectify, in a manner acceptable to the professor, any deficiencies which may have resulted from such absences. For other reasons, professors determine whether students can rectify deficiencies. It is the responsibility of each student to inform the professor of the reason for an absence. If possible, the student should do so prior to the absence and if not, at the first attended class meeting. Students have the right to appeal dismissal using grade appeals processes outlined in the catalog. If students disrupt class, either by tardiness or by distracting noises or actions, they will be given an initial warning. Students may be dismissed from a class upon continuance of disruptive behavior, as determined by the instructor. Students have the right to appeal a class dismissal to their academic dean.

## Transfer Credit Policy

Coursework submitted for transfer credit will be evaluated for equivalency by the registrar. Only courses completed with a grade of C or higher will be considered for transfer credit. The course must be of appropriate level for the degree sought and be in a content area similar to the content area of the course offered. Teacher credentials must also be evaluated for credit earned at non-regionally accredited institutions. Although the university may offer transfer credit for a particular course, such acceptance does not guarantee that the course will satisfy the requirements of a particular degree program. Students desiring to appeal the results of an evaluation may do so, in writing, to the appropriate academic dean, whose decision is final.

## Academic Standards

Academic standing is based on the cumulative grade point average. Grade point averages are computed at the end of each

enrollment period. Students have the right to continue their studies at the university as long as they are making satisfactory progress toward a degree and complying with all other university standards.

### **Academic Probation**

Students who fall below the grade point average required for their accumulated hours will be placed on academic probation. While on academic probation students must do the following:

- Enroll in no more than 12 hours in a semester
- Adhere to the attendance policies
- Suspend participation in extracurricular activities
- Repeat course with grades of F

Students who wish to appeal any condition of this policy must submit a letter to the registrar explaining their extenuating circumstances. The registrar will forward the letter to the academic appeals committee. The academic appeals committee will review the circumstances and determine whether or not academic probation should be enforced. The decision of the academic appeals committee is final. At the end of a semester of probation, students who have not earned at least a 2.0 grade point average are placed on academic suspension.

### **Good Academic Standing**

Students are considered in good academic standing when all admission requirements have been met and they maintain a cumulative grade point average based upon the greater of cumulative total hours attempted or cumulative total hours.

- 2.00 for 0-89 hours
- 2.25 for 90 hours and above

### **Academic Suspension**

Students are placed on academic suspension for the following reasons.

- Failing all their courses in the fall or spring semesters
- Failing to achieve good academic standing after a semester on academic probation

The term academic suspension refers to a period of time when, for academic reasons, students may not enroll in classes at the university. Students on academic suspension may enroll if their circumstances meet one of the following guidelines.

- They have served a suspension period extending through one fall or spring semester
- Their suspension occurred at the end of the spring semester and they elected to attend summer school while on continued probation. With this option, students must enroll for a minimum of 6 hours. At the end of the summer, if they have earned the required cumulative grade point average, they will be eligible to enroll in the fall. If not, their suspension will continue until the end of the fall semester.

### **Academic Suspension Appeal Procedure**

To appeal a suspension, students must submit a letter to the registrar explaining any extenuating circumstances that may have contributed to the problems resulting in their suspension. This letter will be forwarded to the academic appeals committee, which will hear appeals during one of the regular committee meetings in August or January to determine whether any suspensions should be lifted or enforced. The decision of the academic appeals committee is final. Students desiring to enroll at the university after a third academic suspension must petition the academic appeals committee for reinstatement before enrolling. The committee will hear the appeal during the regular meeting dates in August and January. Students who are readmitted must meet with the committee to petition for reinstatement following any subsequent suspension. Students whose appeal is denied may not enroll again for undergraduate credit. Students appealing to enroll after a third academic suspension, who subsequently have their appeal denied by the committee, may appeal in writing to the provost. The decision of the provost is final.

### **Assessment of Academic Proficiency**

Students must successfully complete UNI 2000 in the first semester after completing 60 semester hours. To enroll in UNI 2000, students must be in good academic standing and have completed or will concurrently complete the following courses.

- English 1301 and 1302
- History 2301
- ESS 1200
- MAT 1311 or a higher level course
- 6 hours of Bible or 3 hours if admitted with 30 or more credit hours
- 3 hours of Communication
- 3 hours of Science

Students failing to comply with this requirement will not enroll in upper level courses.

### **Texas Higher Education Assessment for Education Majors**

The Texas Higher Education Assessment exam is required for admission to the educator certification program. Students who plan to become teachers should consider taking the exam during their freshman year so they can be assured of having met the minimum score requirements on all sections of the exam prior to their application to the educator certification program. Please refer to the educator certification program section of this catalog for further information about the THEA and other educator certification requirements. THEA registration booklets are available in the testing office.

### **Major Changes**

Students changing majors must complete a change of major form and submit to the office of the registrar. Changes of major must be approved by the student and the losing and gaining department.

## **Academic Honors and Awards**

### **President's List**

Undergraduate students are named to the President's list when they complete at least 12 hours with a 4.0 grade point average and successfully complete any courses taken Pass/Fail. Students with incomplete grades are not eligible.

### **Dean's List**

Undergraduate students who complete at least 12 hours, achieve a 3.5-3.99 grade point average, and pass all courses taken Pass/Fail are named to the Dean's List. Students with incomplete grades are not eligible.

### **Honor Graduates**

At each graduation, students who have earned a cumulative grade point average on all college work of at least 3.5 receive the designation cum laude, students with at least a 3.65 average graduate magna cum laude, and those with a 3.8 or higher grade point average graduate summa cum laude. In determining who will graduate with honors, the university calculates all college grades for each graduate, including grades transferred to the university from other colleges.

The commencement program is printed prior to graduation and will reflect honors status achieved through the last semester completed prior to the graduation term. Final honors levels will reflect on the transcript and diploma.

### **Honors Scholars**

Honors students who successfully complete the honors program course requirements will graduate as honors scholars.

### **Bronze Medals**

Each department has the option of awarding two bronze medals to outstanding students in their fields.

### **Silver Medals**

Silver medals are awarded to individuals who make outstanding contributions to the university.

### **Gold Medals**

For the Trustees Award, the faculty selects the senior male and female students who best represent the ideals of the university. For the President's Award, the faculty selects the male and female students who evidence the greatest promise of spiritual

service. The dean's award goes to the graduating student of each college with the highest grade point average. The student body and faculty choose Mister and Miss Lubbock Christian University, as representatives of the ideals of the university.

## University Core Curriculum

The purpose of the university core is to prepare students with college-level competencies and values. Students completing the core curriculum will have a foundation in the humanities, social sciences, natural sciences, and mathematics. College-level competencies include the following.

- Critical thinking—distinguish between rhetoric and argumentation; recognize assumptions; recognize best hypothesis; infer and interpret relationships between variables; and draw valid conclusions.
- Writing—recognize grammatically correct clause of sentence; organize language for coherence and rhetorical effect; recognize and reword figurative language; and organize elements of writing into larger groups of meaning.
- Reading—interpret meaning of key terms; recognize primary purpose of a passage; recognize explicitly presented information; make appropriate inferences; and recognize rhetorical devices.
- Mathematics—recognize and interpret mathematical terms; read and interpret tables and graphs; evaluate formulas; order and compare large and small numbers; interpret ratios, proportions, and percentages; read scientific measuring instruments; and recognize and use equivalent mathematical formulas or expressions.

See each degree program for specific core course requirements.

## University Core

(45 hours)

Bible (12 hours)

- BIB 1310 Introduction to the Old Testament
- BIB 1320 Introduction to the New Testament
- BIB 3305 Christian Heritage
- BIB 3310 Christian Life

Written and Oral Communication (9 hours)

- ENG 1301 Composition Studies
- ENG 1302 Composition and Literature
- COM 2340 Communication for the Professional

Human and Social Science (12 hours)

- 3 hours from PSY 1300 General Psychology or SOC 1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS 1200 Personal Fitness and Wellness
- UNI 1170 University Seminar
- UNI 2000 University Skills

Natural and Physical Sciences (6 hours)

- MAT 1311 College Algebra
- 3 hours from BIO, CHE, NRC, or PHY

Cultural Awareness (6 hours)

- 6 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL

First-time beginning undergraduates must take UNI 1170 (University Seminar) during their first semester of attendance. Students transferring to the university with post-secondary transfer credit totaling 30 or more hours are exempt from UNI 1170 (University Seminar).

Transfer students must take a Bible courses at the university equal to 10% of the courses taken at the university but no fewer than 6 hours.

### Requirements for Associate Degrees

- Completion of 60 semester hours or more depending on the prescribed requirements
- Achieve an overall GPA of at least 2.25
- Complete at least 25% of hours required for the degree in residence
- Completion of course requirements and examinations specified by the major department and the university
- Completion of an application for graduation, submitted to the office of the registrar before the deadline
- Requirements for the degree must be completed within 7 years of original enrollment in the university

### Requirements for Baccalaureate Degrees

- Completion of 120 semester hours or more, depending on the prescribed requirements. At least 39 hours must be from upper level courses
- Achieve an overall GPA of at least 2.25
- Completion of at least 25% of the hours required for the degree from the university. Residency requirement must be completed after achieving senior status and at least 15 of the hours required for residency must be upper level
- Bachelor of Science in Nursing students must complete at least 25% of their hours at the university
- Completion of major courses with a GPA of at least 2.5
- At least 18 hours of the major must be from upper level courses
- Completion of course requirements and examinations specified by the major department and the university
- Completion of an application for graduation, submitted to the office of the registrar before the deadline
- Requirements for the degree must be completed within seven years of original enrollment at the university
- Students seeking a second baccalaureate degree must complete the requirements for both degrees and earn a minimum of 24 semester hours in addition to those required for the first degree

### Requirements for Minors

Minors are a cohesive set of courses selected to compliment a major or to explore areas of interest unrelated to a major. Students are not eligible to pursue minors in the same discipline as their majors. Completion of an approved application for a minor must be submitted to the office of the registrar before the deadline to apply for graduation.

- Completion of 18 semester hours or more from a specific area of study, 9 of which must be upper level
- No more than 12 transfer hours may be counted towards a minor
- Completion of minor courses with at least a 2.5 GPA

### Graduation Commitment

It is the responsibility of students to know their academic plan and to register for and complete courses that fulfill the academic plans. Degrees will be awarded only when students satisfactorily complete the conditions of their academic plans and meet all other requirements for earning a degree. Students must complete the application for graduation when registering for their last semester. Students have one year from the intended graduation date to complete the requirements. Students needing longer periods of time must secure dean approval.

### Graduating Catalog

Students are entitled to graduate under the curriculum of the catalog in effect at the time of their first completed semester of enrollment with the following exceptions.

- Students may not use a catalog older than seven years
- Students who interrupt their enrollment, for reasons other than involuntary military service, for more than one calendar year shall be covered by the catalog in effect at the time of the re-entry
- Students who change their major from one department to another within the university shall be governed by the degree requirements that are in effect at the time the change of major becomes effective

## Graduate Academic Policies

Students registering for classes at the university are responsible for complying with the academic regulations of the university catalog. Some programs have Handbooks with additional requirements. Unfamiliarity with these regulations does not constitute a valid reason for failure to comply. If there are questions, students should ask their advisor, the registrar, or the academic dean.

### Good Academic Standing

Good academic standing is maintained with a cumulative grade point average (GPA) of at least 3.0. Grade point averages are computed at the end of each semester. Students have the right to continue their studies at the university as long as they are in good academic standing, are making satisfactory progress toward a degree, and are complying with other university standards.

### Academic Probation

Students failing to maintain a 3.0 cumulative GPA for graduate work will be placed on academic probation. Students on academic probation have one semester to raise their cumulative GPA to 3.0. A semester is a 16 week term.

### Academic Suspension

Students on academic probation who fail to raise their cumulative GPA to 3.0 within one semester will be placed on academic suspension and prohibited from enrolling in graduate courses for one semester. Students are also placed on academic suspension after failing all courses in a semester. A semester is a 16 week term. Students placed on academic suspension a second time are dismissed with no option to return.

### Academic Suspension Appeal Procedure

Students appealing academic suspension must reapply and submit a letter to the office of Graduate Studies explaining all extenuating circumstances. The application and letter will be reviewed by the Graduate Council. The decision of the Graduate Council is final. Students on academic suspension a second time are dismissed without option of appeal.

### Program Policies

Some programs have Handbooks with program specific requirements. Please see the advisor for information. What follows are policies common to all graduate studies programs.

### Academic Integrity

The university expects its students to conduct themselves with a level of honor and integrity befitting members of a Christian learning community, and in keeping with the university mission. The Code of Academic Integrity, which includes the appeals process, is found in the Student Handbook.

### Leveling

Graduate students are expected to demonstrate appropriate competencies in the academic discipline to which they are applying. Students changing disciplines may be required to complete leveling work of up to 18 upper-division hours in the new academic discipline.

### Grading System

- A-Excellent, four grade points per hour
- B-Good, three grade points per hour
- C-Marginal, two grade points per hour

The following are calculated at zero grade points per hour.

- F-Failure, no credit. Given any time when students are dropped by their instructors or do not officially withdraw from the course.
- P—Pass, to indicate passing score for comprehensive exams or internship/practicums.
- PR- In Progress. PR may be requested by the student but is assigned only at the discretion of the instructor. Assignment of PR must be preceded by a PR Course Completion Contract being prepared and signed by the

instructor and the student. PR Course Completion Contracts must first be approved by the academic chair and dean. It is the responsibility of the student to see that a PR is removed and a grade is assigned. A PR cannot be permanently left on the transcript. Students have no more than 8 weeks to remove the PR or a grade of F is assigned.

- TR-Credit accepted from another university
- W-Withdrew, indicates students have officially withdrawn from a class or from a semester... See academic calendar for last day to withdraw.

Note: Grades lower than a C will not be recognized for graduate credit.

## Grade Point Average

The GPA is a system for assigning a numerical average to student grade averages. Under this system, A is 4, B is 3, C is 2, and F is 0 points. If students earn an A in a three-hour course, 12 grade points are earned (4 points multiplied by 3 hours equals 12). The grade points from each course are totaled and then divided by the number of hours attempted.

## Grading Changes

A grade can be corrected or changed with the written authorization from the teacher of record and the academic dean. A statement explaining the reason for the correction or change must accompany the written authorization. Grade changes should be received in the office of the registrar within one semester after the initial grade was given. Final grades are available to students in the student information system.

## Grade Appeals

After final grades for an enrollment period are entered, students may appeal a grade within two weeks into the following enrollment period. The procedure for appealing a grade is as follows.

- Students must first visit with the instructor of the course to learn how the grade was determined.
- If disagreement still exists, students may submit a written request to the academic dean within two weeks from the date of meeting with the teacher. The dean will arrange a meeting with the chair, instructor, and student.
- If disagreement continues, student may submit a letter to the provost requesting a formal appeal of the grade within two weeks of the meeting arranged by the dean. The provost will convene the Graduate Council.
- The Graduate Council will set a time to hear from the student and the teacher concerning the grade dispute. The hearing will take place no later than 30 days from the date of the letter requesting a formal appeal. Legal counsel will not be permitted during the appeal process.
- The Graduate Council will presume the grade was determined in a fair and appropriate manner, and is correct. The Graduate Council will not reevaluate assignments. The student has the burden to show the grade was unfairly determined.
- The decision of the Graduate Council is final.

## Class Changes

Students enrolling during advance registration may change their class schedules prior to the first day of class without penalty. Class changes consist of adding classes, dropping classes, or canceling all classes. Students who want to cancel their classes must contact the registrar prior to the first day of class. Schedule changes after classes begin must be completed within the drop/add period. Students dropping or adding classes after the drop/add period will be charged a \$25 drop/add fee per course. Courses dropped after the drop/add period but before the last day to drop with a W, will receive a grade of W. Drop/add period dates are found on the academic calendar. To drop or add classes, a request, approved by both student and advisor, must be provided to the registrar. Students who elect to leave without formally withdrawing will be given a grade of F.

## Withdrawal

Students desiring to withdraw from the university must complete a withdrawal form. Withdrawal forms are available from the office of the registrar. The withdrawal process includes consulting with the office of financial assistance and the business office to determine financial implications. An appropriately executed withdrawal results in a W recorded on the transcript in lieu of a grade. In cases where a course was completed before a withdrawal, the earned grade is recorded. Students failing to complete the withdrawal process receive grades of F.

## Repeating Courses

Students wishing to raise their GPA may repeat a course at Lubbock Christian University. Both grades will appear on the permanent record, but the last grade received is used to calculate the GPA. For information on financial aid eligibility for repeated courses, check the Graduate Financial Assistance section of this catalog or consult personnel in the Office of Financial Assistance.

## Class Attendance

Failure to attend classes results in fewer learning opportunities. Absences must be explained to the satisfaction of the instructor. Acceptance of late work is up to the instructor. Students disrupting class may be dismissed from class. Students dismissed from class may appeal to the academic dean.

## Requirements for Master's Degree

- Completion of 30 semester hours or more, depending on program
- Achieve an overall GPA of at least 3.0
- Completion of at least a majority of courses from the university. Refer to the Transfer Credit Policy for specifics.
- Completion of course requirements and examinations specific to the degree sought
- Completion of an application for graduation, submitted to the office of the registrar, before the deadline
- Requirements for a degree requiring less than 40 hours must be completed within six years of initial enrollment in the program. Degrees requiring 40-60 hours have an eight year time limit. Degrees requiring more than 60 hours have a ten year time limit. Exceptions to time limits must be approved by the academic dean.
- Applicable requirements are those established by the catalog in effect at the time students enter the program, or those of any subsequent catalog edition, provided that degree requirements are completed within the time limit.

## Comprehensive Examination and Portfolio Requirements

Candidates for a master's degree must pass a written comprehensive examination, capstone course with competency examinations, and/or complete a portfolio assignment prior to graduation, depending on program requirements. This examination may be taken during the last semester of course work, but it must be taken no later than thirty days following the completion of required course work. The specific examination will be prepared under the guidance of the advisor who will consult the members of the graduate faculty teaching in the discipline. At least two members of the graduate faculty will grade the written examination. Students who fail the examination must retake the examination or meet corrective stipulations established by the graduate faculty. Permission to take the comprehensive examination a third time must be approved by the advisor and the academic dean.

## Second Master's Degree in the Same Discipline

Students are not permitted to pursue two master's degrees concurrently. Students holding a master's degree from the university may request that a portion of the hours from their first master's degree be applied to the second master's degree. Courses must directly apply to the second master's degree and be approved by the advisor. The maximum number of hours applicable to the second master's degree varies by program. In 30 hour master's programs, up to 9 hours may be applied toward the second degree. In 35-37 hour master's programs, up to 12 hours may be applied. In 48-49 hour master's programs, 15 hours may be applied. In the 72-hour Masters of Divinity program, 18 hours may be applied.

## Degree Plan

It is the responsibility of students to know their academic plan and to register for and complete courses that fulfill the academic plans. Degrees will be awarded only when students satisfactorily complete the conditions of their academic plans and meet all other requirements for earning a degree. Students must complete the application for graduation when registering for their last semester.

## Student Services

### Center for Student Success

The Center for Student Success is committed to helping students succeed by providing tutoring services, academic advising, mentoring, testing, and services for students with disabilities. The Center for Student Success is located in the Center for Academic Achievement building.

### Tutoring Services

Tutoring is provided without additional cost for students needing assistance on a week-to-week basis or for a one-time session.

### Academic Testing

Credit-by-exam opportunities are offered through CLEP, DSST, and end-of-course exams. See the advanced credit section of the catalog for more information.

### Disability Services

The University is a member of the Association on Higher Education and Disability and is committed to providing appropriate accommodations for students under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. The Office of Disability Services, located in room 117 of the Diana Ling Center for Academic Achievement, strives to ensure equal access to all students. Qualified individuals with disabilities may request accommodations through the Office of Disability Services 806-720-7156 or [disabilityservices@lcu.edu](mailto:disabilityservices@lcu.edu). The Disability Services Coordinator is Justin Archer 806-720-7156 and the ADA Compliance Officer is Dr. Rodney Blackwood 806-720-7401.

### Student Mentoring

Mentors are available year-round to encourage students. Mentors are experienced in the stresses of college life and understand the difficulties associated with the transition to college life. Mentoring is available anytime without an appointment in the C.L. Kay Christian Development Center.

### Technology Support

Students can access the Chap Desk for technology support during business hours. Students enrolled in online degree programs have access to a technology help desk 24 hours a day, 365 days a year. Student services coordinators are available and routinely reach out to students enrolled in online degree programs to ensure student engagement and improve student success. Course materials and academic resources are incorporated into the course management system for online degree programs.

### Career Services

Career Services aids students through career assessment, career research, career advising, job placement, instruction in resume and cover letter writing, and interviewing skills. Career Services are available in the Cardwell Welcome Center, Alumni Relations Office.

### Counseling Services

Lubbock Christian University is committed to providing counseling assistance for students struggling with academic pressures, family conflicts, relationship difficulties, career indecision, spiritual struggles, substance abuse and other problems. Students seeking counseling services are entitled to limited personal counseling each semester. The director of the Counseling Center is a Licensed Professional Counselor who adheres to the ethical standards of the profession. Counselors follow the strictest standards in regards to confidentiality and privacy, and measures are taken to protect all confidential counseling records. The Counseling Center is located upstairs in the Mabee Student Life Building.

### Medical Clinic

The University has a medical clinic, with a full-time, on-site, licensed physician serving as the director of the clinic. The clinic is well equipped and staffed to handle the minor medical problems of university students, including acute illnesses and minor injuries, as well as maintenance therapy for certain chronic health conditions. The physician can assist with referrals to specialists in the Lubbock medical community when needed. There are several major hospitals and urgent care centers within

15 minutes of the University for emergencies or after-hours medical needs. The medical clinic is located on the second floor of the Mabee Student Life Building.

## Library

The university library provides learning resources to support university curricular offerings and assists with student research needs. Library holdings include over 125,000 books, 98,000 e-books, 240 print journal subscriptions, 40,000 full text journals, and 70 databases. Checkout privileges are available to students for a three week period. Librarians provide research instruction to classes and individual students. The University Library is located at the northeast corner of the university mall. Library resources and services are also available online.

## Student Life

Students participate in more than 25 student organizations, planned student activities, chapel, devotionals, co-curricular learning opportunities, attending intercollegiate games, or meeting friends at the student center, cafeteria, library, coffee bar, or in the mall. Recreational life is enhanced by a 70,000 square foot recreation facility which includes top of the line exercise equipment, intramural sports courts, and a climbing wall in the Rhodes-Perrin Recreational Center.

## Release of Information

The university will release directory information about students from its records in accordance with The Family Educational Rights & Privacy Act (FERPA). For additional guidance on this subject, please refer to [FERPA: The Family Educational Rights & Privacy Act of 1974](#), and the [Public Notification of Directory Information](#) sections of the Student Handbook.

## Student Conduct

The University provides an academic and social environment consistent with Christian principles. Students are responsible to follow the standards communicated in the student handbook and local, state, or federal laws. Students living in campus housing must uphold the policies of campus housing communicated in the Residential Life Guide. The university reserves the right to place students on probation or suspend or dismiss students for violating university standards of conduct. The Student Handbook, Residential Life Guide, and this Catalog constitute a written agreement as to conduct and discipline while students are at Lubbock Christian University.

## Drug Policy and Education Program

The University drug policy is published annually in the student handbook. The Student Handbook is distributed to students during registration and is available on the University website. When University officials have reason to suspect that drugs are being used, the University reserves the right to drug test individuals and/or contact appropriate law enforcement officials. A substance abuse unit is incorporated in the core curriculum course ESS 1200 Personal Fitness and Wellness. One chapel program each year includes a presentation on substance abuse. During registration, students will receive information containing the policy on substance abuse and rules governing such abuse.

## Health and Safety

The campus Public Safety operates 24 hours a day, 365 day a year. Public Safety officers enforce university regulations with respect to parking, alcohol, and drugs, and conduct other campus security functions. The university has an emergency notification system, which contacts students and university personnel by e-mail, text message, and telephone. The university uses the emergency contact information provided upon registration. Students are responsible for updating their emergency contact information through the student information system.

## Student Financial Policies

The university offers the following resources for payment of accounts.

- [LCU.Afford.com](http://LCU.Afford.com) is a website hosted by Tuition Management Systems (TMS) enabling students to:
  - View account summary-24/7 real time updates for student accounts and financial assistance
  - Make a payment or evaluate available payment options-make a one-time payment using E-Check or Credit/Debit Cards, or enroll in a payment plan. Credit or Debit card payments include a service fee.
  - Share account access-students may share access using "Manage Account Access" feature.
  - For assistance setting up a new account, call TMS Customer Service at (800) 339-5579.
- Checks, money orders, cashier checks and cash are accepted in the Student Business Office and by mail at: Student Business Office, 5601 19th St, Lubbock, TX 79407. Credit cards are only accepted at [LCU.Afford.com](http://LCU.Afford.com).
- International payments are accepted from [www.pay.flywire.com](http://www.pay.flywire.com).
- Students should apply for financial assistance in time for awarding by the first day of the term. Students can expedite receipt of refunds by completing a direct deposit form, which is accessible in [ChapLink](#) under "Financial Information."

Other services provided by the Student Business Office include the following.

- Check cashing-students may cash personal checks with their student identification card. A fee will be assessed.
- Printing account-students may add money to their campus printing account.
- Meal plans-students may purchase meal plans described in [ChapLink](#) under "Residential Life."

Note: Students must authorize Student Business Office personnel to discuss student accounts with other individuals, including parents.

### Payment of Account

Undergraduate student account balances are payable in full on or before September 30 for the fall and February 15 for the spring. Graduate student account balances for Fall A and B sessions must be paid on or before September 30 and C sessions by November 15, and balances for Spring A and B sessions must be paid on or before February 15 and C sessions by April 15. Payment arrangements for summer courses must be made by the first day of class. Accounts not complying with the above policy may be subject to a late payment charge of \$200 and the account will be placed on hold. Late fees will not be assessed to students current in their monthly payments to TMS. The university does not release student academic records if educational costs are not paid. Students will not be allowed to register for classes if there is a hold on the account.

Tuition and room and board refunds are computed on a declining scale based on when students withdraw from the university or drop a course. Fees are not refundable. Request for withdrawals or drops must be made by completing a withdrawal or drop form which is available from the registrar. Refunds of tuition and room and board will be made according to the following refund schedule. Students must pay drop/add fees when schedule changes occur.

#### Sixteen Week Terms

- 1st through 5th day of term-100%
- 6th through 10th day of term-80%
- 11th through 15th day of term-60%
- 16th through final day of term-0%

#### Eight Week Sessions

- 1st through 3rd day of session-100%
- 4th through 5th day of session-80%
- 6th through 8th day of session-60%
- 9th through final day of session-0%

#### Less than Eight Week Sessions

- 1st day of session-100%
- 2nd day of session-80%
- 3rd day of session-60%
- 4th through final day of session-0%

### Tuition Refund Insurance

Tuition refund insurance is available through GradGuard to protect educational investments. The insurance refunds tuition, fees, and room and board charges up to the annual policy limit of \$10,000, if the policy holder is unable to complete the semester due to a covered medical reason. Premium payments are due to GradGuard for students who select this insurance, prior to the first day of classes. For more information, visit [GradGuard](#).

### Cancellations

Cancellations occur when registration is cancelled prior to the first day of the term. Requests for cancellations must be communicated to the registrar. Requests for cancellations received after classes begin will only be granted when the requestor never attended class or used university resources. Pre-booked travel/trip expenses are not refundable for cancellations.

### Tuition and Fees for Campus Programs

<b>Undergraduate Fall and Spring</b>	<b>Tuition</b>	<b>Health Service Fee</b>
1-5 hours	\$605 per hour	\$35 per semester
6-8 hours	\$605 per hour	\$60 per semester
9-11 hours	\$725 per hour	\$60 per semester
12-18 hours	\$11,120 per semester	\$100 per semester
19+ hours	\$725 per hour	

#### Other Offerings

	<b>Tuition</b>
Undergraduate Nursing	\$450 per hour
Graduate Theology/Biblical Studies	\$325 per hour
Graduate Counseling/School Counseling	\$450 per hour
Graduate Education	\$450 per hour
Graduate Human Services	\$450 per hour
Graduate Nursing (Ed/Lead Track)	\$450 per hour
Graduate Nursing (FNP Track)	\$525 per hour
Post-Graduate Nursing Courses	\$750 per hour
Audit	\$130 per hour
Lubbock Christian School	\$90 per hour
Undergraduate Summer	\$520 per hour

#### Additional Fee Categories

	<b>Fees</b>
Drop Fee	\$25
Add Fee	\$25
Online/Hybrid Course Fee	\$100 per course
Ring Installment	\$90 per term for first four terms

### Tuition and Fees for Online Programs

<b>Program</b>	<b>Tuition</b>
Clinical Mental Health Counseling	\$574 per hour
Human Services	\$496 per hour



## Undergraduate Financial Assistance

### Types of Financial Assistance

Financial assistance falls under three general categories.

- Grants and scholarships-free money that does not require repayment
- Educational loans-money that must be repaid
- Student employment-money that must be earned

### Grants

Grants are available from the State of Texas or the federal government to students who demonstrate financial need and who otherwise qualify. Grants do not have to be repaid.

### Scholarships

#### Academic Scholarships

Students may qualify to receive institutional or funded scholarships based on their academic performance. For beginning students, their academic achievement is determined by their scores on the ACT composite score or the total of the SAT critical reading and math scores. For returning or transferring students, their cumulative GPA determines academic achievement. In order to keep an academic scholarship, students must maintain the minimum required GPA. Scholarships will be lost or reduced for students achieving a GPA below the minimum. Any student receiving an institutional scholarship must be enrolled for at least 12 hours per semester or the scholarship will be cancelled. Academic scholarships are applied during the fall and spring semesters.

Incoming freshmen that receive intercollegiate athletic scholarships and achieve at least a 22 on the ACT or 1110 on the SAT may also receive academic scholarships. Transfers that receive intercollegiate athletic scholarships and achieve at least a 3.00 GPA on transferable credit may also receive academic scholarships.

#### Intercollegiate Athletic Scholarships

The university offers intercollegiate athletic scholarships for in men's baseball, women's basketball, men's basketball, cheerleading, women's cross country and track, men's cross country and track, women's golf, men's golf, women's soccer, men's soccer, women's softball, and women's volleyball. For more information, contact the coach. See contact information at [www.lcuchaps.com](http://www.lcuchaps.com).

#### Externally Funded Scholarships

Scholarships from non-university sources must be reported to financial assistance.

### Discounts

Most discounts cannot be combined with academic scholarships during the same semester. Contact financial assistance for more information on using discounts and academic scholarships.

### Institutional Aid

In order to keep institutional scholarships or discounts, students must maintain a required GPA. Scholarships and discounts will be lost or reduced for students achieving a GPA below the minimum.

### Loans

Loans are based on the financial need of the student and the availability of funds from the federal government, lending institutions, and other organizations. Loans must be repaid upon graduation or when students leave the university. Although most loans are made directly to students, some loans are made to parents of dependent students.

### Federal Work Study

The purpose of the federal work study program is to provide jobs for students who have financial need and who wish to earn part of their educational expenses. When federal work study eligibility is awarded, the amount awarded is a maximum amount.

that can be earned in federal work study employment. Students who are qualified for the federal work study program must seek and secure the job, coordinate their working hours, and work the hours necessary to earn their federal work study allocation. Federal work study students must complete an I-9, W-4, and a work contract before beginning work on campus. To complete the I-9, students must be able to establish their identity and eligibility to work. Students working in the federal work study program earn the federal minimum wage and are paid monthly. Students may not work more than 15 hours per week on the federal work study program. Students may choose to have a portion of their earnings credited to their account. Students must be enrolled in at least 6 hours per semester to be eligible to earn any funds from this program.

### **Financial Assistance Awarding Procedures**

In order to be considered for financial assistance, students must first apply for financial assistance. Financial assistance will only be disbursed when the financial assistance folder is complete, including each document requested by the financial assistance, admissions, and registrar offices. Student accounts are credited at the beginning of each enrollment period. State grant funds will not be credited until they are approved by the State of Texas, usually after September 1 for the fall semester, but later than the semester start date. Awards will be based on the number of hours for which a student is enrolled at the beginning of the enrollment period and the awards will be modified if the enrollment status changes.

### **Deadlines**

New students must have their financial assistance applications and files completed by June 1. Returning student files must be complete by May 15. Applications will be processed after that date only if funds are still available. Students applying for summer assistance must have their financial assistance files complete by May 1.

### **Class Drops**

Students are awarded financial assistance based upon the number of hours in which they are enrolled. Students are considered full, three-fourths, or half time. For example, students enrolling for 12 hours and dropping a 3-hour class could have their grants and scholarships canceled or reduced as well as become subject to probation or suspension. The institutional refund policy is available in the student business office.

### **Withdrawals**

Students withdrawing from the university may be eligible for a refund of a portion of the tuition and room and board for that semester—see refund policy in the catalog. If students receive financial assistance, then a portion of the assistance may need to be returned to the grant, scholarship, or loan source from which that assistance was received. Information about the return of Title IV fund requirements are available in the office of the registrar. Students intending to withdraw must begin the withdrawal process in the office of the registrar.

### **Grade of F in All Courses During an Enrollment Period**

When a student begins a semester by attending classes but does not earn a passing grade in at least one class or fails to officially withdraw, the institution must assume that the student has unofficially withdrawn unless it can document that the student completed the enrollment period. A student who unofficially withdraws and receives all F's will be placed on Financial Assistance Suspension immediately.

### **Incompletes**

Grades in progress are figured as zero grade points in the GPA. Students are responsible for notifying financial assistance of changes in their transcript after an IP is removed. When an IP is not removed by the end of the following semester, the IP is changed to an F.

### **Repeats**

Students repeating a course for the first time that was previously passed will be eligible for financial assistance. Students repeating a course that was previously failed may be eligible for financial assistance until the course is passed.

### **Taking Courses not Required for Degree**

Students are responsible for enrolling in courses in their degree plan and must notify financial assistance if enrolling in courses outside of their degree plan. Enrolling in courses not required for a degree may affect eligibility for aid.

## Eligibility for Financial Assistance

To be eligible for financial assistance, students must maintain satisfactory progress. Financial assistance recipients will be evaluated at the end of each payment period (period of enrollment). Satisfactory progress is divided into two categories, (1) cumulative grade point average, and (2) hours successfully completed. The cumulative grade point average is figured on hours completed at Lubbock Christian University only. However, all hours are counted to determine hours completed.

## Satisfactory Progress

### Hours Attempted Minimum GPA

0-89 hours	2.00
90+ hours	2.25

## Minimum Completion Rate Requirements

Each payment period, students must complete at least 75% of all credit hours attempted. The completion rate is calculated by dividing the total number of completed hours by the number of hours attempted, which is based upon enrolled hours at the end of the 100% drop refund period (usually 5 days into the payment period). Check the refund policy for specific dates for each period of enrollment.

When financial assistance recipients fail to meet the cumulative GPA requirements and/or successfully complete the proper number of hours at the end of a payment period, they will be placed on financial assistance warning or suspension, as appropriate. Students are notified in writing if placed on warning or suspension. Student records are also coded to indicate their current financial assistance status.

The quantitative standards apply to full-time students. Students taking less than a full-time course load are required to complete every hour enrolled. Students must maintain the qualitative and quantitative standards and are limited to a time frame of availability of financial assistance. This time frame is 150% of the time usually required to complete a degree program. For example, students enrolled in four year degree programs are eligible for financial assistance for six years.

## Financial Assistance Warning

When students fail to meet the required cumulative GPA and/or successfully complete the proper amount of hours for a semester, they will be placed on financial assistance warning for the next payment period. Students must meet Satisfactory Academic Progress (SAP) by the end of the warning period. If students fail to meet the requirements, they will be in danger of losing their financial assistance. Transfer students with a cumulative GPA below the minimum standard will enter on financial assistance warning.

## Financial Assistance Suspension and Appeals

If, during a period of financial assistance warning, students fail to meet the required GPA and/or successfully complete the required number of hours, they will be placed on financial assistance suspension and will be ineligible for aid. Information regarding the appeal process is provided to students in writing after records are reviewed at the end of each payment period. Where extraordinary circumstances exist, students may appeal in writing their suspension to the director of financial assistance. The appeal will be presented to the financial assistance appeals committee, which will review the facts and make the final decision regarding the suspension. Students appealing financial assistance suspension must meet with the appeal committee. If a student appeal is approved, the student is placed on financial assistance probation for one payment period and is eligible for Title IV aid. If the student will require more than one payment period to reestablish eligibility with SAP standards, the student may be placed on an academic plan. The student will be on financial assistance probation during the first payment period of the academic plan. Students must meet SAP requirements at the end of the payment period or meet the requirements of the academic plan to continue to be eligible for financial assistance. Failure to meet SAP or academic plan requirements will result in the suspension of Title IV aid until the student regains eligibility by meeting SAP requirements. Students will be notified in writing of the requirements that must be met.

## Reinstatement of Assistance

Students may regain eligibility by raising their cumulative GPA to the required level and/or by successfully completing the required number of hours in a succeeding semester or semesters.

## Eligibility Requirements for Federal Programs

- Students must be in compliance with the following guidelines
- Be U. S. citizens or lawful permanent residents
- Be in financial need
- Be able to maintain satisfactory academic progress
- Be enrolled, or accepted for enrollment
- Not be in default on a Federal Perkins Loan (NDSL), Federal PLUS, or Federal Stafford Loan
- Not owe a refund on a Federal Pell Grant, TEG, or FSEOG

## Student Rights and Responsibilities

Students have the following rights.

- To know what student financial assistance programs are available at the university
- To know the deadlines for submitting applications for each financial assistance program
- To know how their financial need was determined, including how various expenses in their budget are considered
- To know what resources are considered in the calculation of their monetary awards
- To request an explanation of the various programs in their financial assistance package
- To consult with financial assistance personnel concerning their application for assistance
- To consult with financial assistance personnel concerning any budgeting and/or financial problems which might arise
- To cancel any loan proceeds received via electronic funds transfer up to fourteen days after the credit has been applied

Students have the following responsibilities

- To check their university e-mail on a regular basis
- To complete all application forms accurately and submit them on time to the appropriate office
- To provide correct information and to be aware that, in most instances, misrepresenting information on a financial aid form is a violation of federal law and may be a criminal offense
- To provide any additional documentation, verification of information, and information or corrections requested by financial assistance before any funds will be disbursed
- To read, understand, and retain copies of all forms requiring a student's signature
- To keep all of the agreements requiring a student's signature
- To know all of the sources of financial aid received and whether the aid is a loan, grant, or scholarship, and if the aid is a loan, to know to whom repayment must be made and the terms of repayment
- To keep financial assistance informed of a correct address at all times while still in school and after graduation as long as any loans are outstanding
- To inform financial assistance of any change in status as a student or of financial status. This includes but is not limited to marriage, divorce, the birth of a son or daughter, employment, and the employment of a spouse or parents
- To complete an exit interview prior to leaving the university, either as a result of graduation or withdrawal

## Vocational Rehabilitation

The Texas Rehabilitation Commission offers assistance for tuition and fees for students with certain disabilities. Applications for TRC services are submitted to the Lubbock Regional Office of the Texas Rehabilitation Commission.

## Contact Information

Lubbock Christian University  
Financial Assistance Office  
5601 19th Street  
Lubbock, TX 79407  
(806) 720-7176  
financialassist@lcu.edu

## Graduate Financial Assistance

To apply for financial assistance, each year students must complete and sign an LCU Application for Financial Assistance, State Residency Form, and the Free Application for Federal Student Aid (FAFSA) before federal aid can be awarded. Additional documentation may be required if the U.S. Department of Education selects the file for verification or if special circumstances exist that merit verification. Students selected for verification will be notified by financial assistance office personnel.

## Loans

Loans are based on the financial need of the student and must be repaid. Repayment begins either after graduation or when students stop attending school.

## Financial Assistance Award Procedures

In order to be considered for financial assistance, students must first apply for financial assistance. Financial assistance will only be disbursed when the financial assistance folder is complete, including each document requested by the financial assistance, admissions, and registrar offices. Student accounts are credited at the beginning of each enrollment period. State grant funds will not be credited until they are approved by the State of Texas, usually after September 1 for the fall semester, but later than the semester start date. Awards will be based on the number of hours for which a student is enrolled at the beginning of the enrollment period and the awards will be modified if the enrollment status changes.

## Withdrawals

Students withdrawing from the university may be eligible for a refund of a portion of the tuition paid for the registration period. If students receive financial assistance, then a portion of the aid may need to be returned to the loan source that issued the assistance. Information about the Return to Title IV fund requirements and the institutional refund policy are available in the office of the registrar. Students intending to withdraw must begin the withdrawal process in the office of the registrar.

## Grade of F in All Courses During an Enrollment Period

When a student begins a semester by attending classes but does not earn a passing grade in at least one class or fails to officially withdraw, the institution must assume that the student has unofficially withdrawn unless it can document that the student completed the enrollment period. A student who unofficially withdraws and receives all F's will be placed on Financial Assistance Suspension immediately.

## Repeating Courses

Students repeating a course for the first time that was previously passed will be eligible for financial assistance. Students repeating a course that was previously failed may be eligible for financial assistance until the course is passed.

## Enrolling in Courses not Required for the Degree

Students are responsible for enrolling in courses which apply to their degree plan. Enrolling in courses not required for a degree plan may affect the eligibility for aid. Students must notify financial assistance when enrolling in courses outside of their degree plan.

## Maintaining Eligibility for Financial Assistance

To be eligible for financial assistance, students must maintain satisfactory progress. Financial assistance recipients will be evaluated at the end of each enrollment period. When financial assistance recipients fail to meet the GPA requirement, recipients will be placed on financial assistance warning or suspension, as appropriate.

## Financial Assistance Warning and Suspension

Students failing to meet the required GPA, will be notified that they are on financial assistance warning for the next succeeding payment period and in danger of losing their aid. If during a period of financial assistance warning, students fail to meet the required GPA, they will be placed on financial assistance suspension and will be ineligible for aid. Information regarding the appeal process is provided to the student in writing after student records are reviewed at the end of each payment period. Where extraordinary circumstances exist, students may present in writing their request to appeal the suspension. The appeal should be given, or mailed/emailed, to the Director of Financial Assistance. The appeal will be presented to the Financial Assistance Appeals Committee that will make the final decision regarding the suspension. Students will need to meet with the

committee at the time and place scheduled by the director. If the student has an appeal approved, the student is placed on financial assistance probation for one payment period and is eligible for Title IV aid. If the student will require more than one payment period to reestablish eligibility with SAP standards, the student may be placed on academic plan. The student will be on financial assistance probation during the first payment period of the academic plan. Students must meet SAP requirements at the end of the payment period or meet the requirements of the academic plan to continue to be eligible for aid. Failure to meet SAP or the requirements of the academic plan will result in the suspension of Title IV aid until the student regains eligibility by meeting SAP requirements. Students will be notified in writing of the requirements that must be met.

### **Continued Eligibility Requirements for Federal Programs**

Students must be in compliance with the following.

- Be U. S. citizens or lawful permanent residents
- Be in financial need
- Be able to maintain satisfactory academic progress
- Be enrolled, or accepted for enrollment, as at least half-time students
- Not be in default on a Federal Perkins Loan (NDSL), Federal PLUS, or Federal Stafford Loan
- Not owe a refund on a Federal Pell Grant, TEG, or FSEOG

### **Student Rights and Responsibilities**

Students have the following rights.

- To know what student financial assistance programs are available at the university
- To know the deadlines for submitting applications for each financial assistance program
- To know how their financial need was determined, including how various expenses in their budget are considered
- To know what resources are considered in the calculation of their monetary awards
- To request an explanation of the various programs in their financial assistance package
- To consult with financial assistance personnel concerning their application for assistance
- To consult with financial assistance personnel concerning any budgeting and/or financial problems which might arise
- To cancel any loan proceeds received via electronic funds transfer (EFT) up to fourteen days after the credit has been applied

Students have the following responsibilities

- To check their university e-mail on a regular basis
- To complete all application forms accurately and submit them on time to the appropriate office
- To provide correct information and to be aware that, in most instances, misrepresenting information on a financial aid form is a violation of federal law and may be a criminal offense that could result in indictment under the US Criminal Code
- To provide any additional documentation, verification of information, and information or corrections requested by financial assistance before any funds will be disbursed
- To read, understand, and retain copies of all forms requiring a student's signature
- To keep all of the agreements requiring a student's signature
- To know all of the sources of financial aid received and whether the aid is a loan, grant, or scholarship, and if the aid is a loan, to know to whom repayment must be made and the terms of repayment
- To keep financial assistance informed of a correct address at all times while still in school and after graduation as long as any loans are outstanding
- To inform financial assistance of any change in status as a student or of financial status. This includes but is not limited to marriage, divorce, the birth of a son or daughter, employment, and the employment of a spouse or parents
- To complete an exit interview prior to leaving the university, either as a result of graduation or withdrawal

### **Contact Information**

Lubbock Christian University  
Financial Assistance Office  
5601 19th Street  
Lubbock, TX 79407  
(806) 720-7176

financialassist@lcu.edu

## Veterans Benefit Information

The university is approved for veterans programs except the Hazelwood Act. Depending on the program and eligibility, veterans may be paid a monthly allowance, tuition and fees, a housing stipend and/or book stipends from the Veterans Administration while attending college. Children of military members who died while on active duty may also be eligible for benefits. Applications for benefits should be completed and submitted on the VA website at [www.gibill.va.gov](http://www.gibill.va.gov). Veteran admission files must be complete and academic plans approved before the certification officer certifies enrollment for benefits. Complete veteran admission files must contain complete admissions documentation, an official military educational transcript, a copy of the DD Form 214, and a copy of the VA certificate of eligibility. Only classes meeting degree requirements are eligible for certification of benefits. Changes in major, class schedule and substitutions must be reported to the VA within a limited time frame, so each change must be discussed with the certification officer at the time of the change. Contact the certification official at [janice.stone@lcu.edu](mailto:janice.stone@lcu.edu) or (806) 720-7270.

## Academic Standards for Students Receiving VA Educational Benefits

### Satisfactory Progress

- Students must be in good academic standing to be considered making satisfactory progress.

### Probation and Unsatisfactory Progress

- Students who fail to maintain good academic standing are placed on probation for one semester. If students achieve a semester GPA of at least 2.00 during the probationary period, but have not achieved good academic standing, they may be continued on probation for one more semester. Students on probation and failing to achieve at least a 2.00 GPA at the end of the first probationary period and good academic standing by the end of the second probationary period are reported to the Veterans Affairs Regional Office as making unsatisfactory progress.



## Department of Biblical Studies

### Faculty

- Jeff Cary, Ph.D., Chair
- Jim Beck, M.S.
- Steven Bonner, D. Min.
- Jeff Cary, Ph.D.
- Jesse Long, Ph.D.
- Brandon L. Fredenburg, Ph.D.
- Michael Martin, Ph.D.
- Stacy Patty, Ph.D.
- Shannon Rains, M.S.
- Mark Sneed, Ph.D.
- Charles Stephenson, Th.D.
- Mark Wiebe, Ph.D.

### Admission to the Bible Major and Scholarships

Students must be formally admitted to the major to graduate with a degree in Bible. Pre-majors will usually apply for formal admission during their fourth long semester. Information about the requirements, deadlines, and applications for formal admission to the major is available from the department administrative assistant. A limited number of tuition discounts are available for majors. Scholarships and discounts may be renewed beyond the fourth long semester only if the student is formally admitted to the program. Formal admission as a major does not guarantee that one will receive a tuition discount. Tuition discount scholarships are awarded on a competitive basis each semester and require service to the department.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Arts in Biblical Text and Preaching](#)
- [Bachelor of Arts in Children's Ministry](#)
- [Bachelor of Arts in Missions](#)
- [Bachelor of Arts in Youth and Family Ministry](#)
- [Master of Science in Family Ministry](#)

### Bachelor of Arts in Biblical Text and Preaching

#### A. University Core (45 hours)

- BIB1312 Introduction to the Old Testament for Majors
- BIB1322 Introduction to the New Testament for Majors
- MIN2322 Christian Spiritual Formation
- HTH3311 Christian History and Theology I
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- PSY1300 General Psychology
- HIS1315 World History and Geography I
- HIS1316 World History and Geography II
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- ENG2301 Masterpieces of Literature
- PHI3305 Ethics
- UNI1170 University Seminar
- UNI2000 University Skills

#### B. Major (36 hours)

- BIB3312 Nature of Scripture
- BIB4311 Advanced Biblical Interpretation
- BIB4090 Practicum
- BIB4360 Bible Department Capstone
- 9 hours from BIB, BNT, or BOT
- 3 hours from
  - BIL4351 Advanced Greek
  - BIL4357 Advanced Hebrew
- 9 hours upper level from BIB, BNT, or BOT
- 3 hours from
  - MIN4302 Preaching Biblical Genre
  - BIB4302 Preaching Biblical Genre
- MIN4342 Christian Ministry

#### C. Supporting Courses (39 hours)

- BIB2302 Interpretation: Hermeneutics
- BIB2303 Interpretation: Homiletics
- 3 hours from
  - BIL2311 Elementary Greek I
  - BIL3313 Elementary Hebrew I
- 3 hours from
  - BIL2322 Elementary Greek II
  - BIL3324 Elementary Hebrew II
- 3 hours from
  - BIL3331 Intermediate Greek I
  - BIL4336 Intermediate Hebrew I
- 3 hours from
  - BIL3342 Intermediate Greek II
  - BIL4345 Intermediate Hebrew II
- HTH3322 Christian History and Theology II
- HTH4331 Christian History and Theology III
- MIN2311 Mission of God
- MIN3301 Family and Congregational Dynamics
- MIN4331 Spiritual Direction and Worship
- PHI2304 Introduction to Philosophy
- 3 hours from
  - REL3301 World Religions
  - PHI4306 Philosophy of Religion

#### D. Electives (9 hours)

#### E. Total (129 hours)

Note: Students that took BIB 1310 instead of BIB 1312 must also take BIB 1010. Students that took BIB 1320 instead of BIB 1312 must also take BIB 1020.

### **Bachelor of Arts in Children's Ministry**

#### A. University Core (45 hours)

- BIB1312 Introduction to the Old Testament for Majors
- BIB1322 Introduction to the New Testament for Majors
- MIN2322 Christian Spiritual Formation
- HTH3311 Christian History and Theology I
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- PSY1300 General Psychology
- HIS1315 World History and Geography I

- HIS1316 World History and Geography II
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- ENG2301 Masterpieces of Literature
- PHI3305 Ethics
- UNI1170 University Seminar
- UNI2000 University Skills

## B. Major (36 hours)

- BIB3312 Nature of Scripture
- BIB4311 Advanced Biblical Interpretation
- BIB4360 Bible Department Capstone
- 9 hours from BIB, BNT, or BOT
- 3 hours from
  - CFM2311 Foundations of Children, Youth and Family Ministry
  - YFM2311 Foundations of Children, Youth and Family Ministry
- CFM2326 Practice of Children and Family Ministry
- CFM3301 Children's Spiritual Formation
- CFM3302 Methods for Children's Spiritual Formation
- CFM4090 Practicum
- MIN3303 Contemporary Issues in the Family
- MIN4342 Christian Ministry

## C. Supporting Courses (39 hours)

- BIB2302 Interpretation: Hermeneutics
- BIB2303 Interpretation: Homiletics
- 3 hours from
  - BIL2311 Elementary Greek I
  - BIL3313 Elementary Hebrew I
- 3 hours from
  - BIL2322 Elementary Greek II
  - BIL3324 Elementary Hebrew II
- 3 hours from
  - BIL3331 Intermediate Greek I
  - BIL4336 Intermediate Hebrew I
- 3 hours from
  - BIL3342 Intermediate Greek II
  - BIL4345 Intermediate Hebrew II
- HTH3322 Christian History and Theology II
- HTH4331 Christian History and Theology III
- MIN2311 Mission of God
- MIN3301 Family and Congregational Dynamics
- MIN4331 Spiritual Direction and Worship
- PHI2304 Introduction to Philosophy
- 3 hours from
  - REL3301 World Religions
  - PHI4306 Philosophy of Religion

## D. Electives (9 hours)

## E. Total (129 hours)

Note: Students that took BIB 1310 instead of BIB 1312 must also take BIB 1010. Students that took BIB 1320 instead of BIB 1312 must also take BIB 1020.

**Bachelor of Arts in Missions**

## A. University Core (45 hours)

- BIB1312 Introduction to the Old Testament for Majors
- BIB1322 Introduction to the New Testament for Majors
- MIN2322 Christian Spiritual Formation
- HTH3311 Christian History and Theology I
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- PSY1300 General Psychology
- HIS1315 World History and Geography I
- HIS1316 World History and Geography II
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- ENG2301 Masterpieces of Literature
- PHI3305 Ethics
- UNI1170 University Seminar
- UNI2000 University Skills

## B. Major (36 hours)

- BIB3312 Nature of Scripture
- BIB4311 Advanced Biblical Interpretation
- BIB4360 Bible Department Capstone
- 9 hours from BIB, BNT, or BOT
- MIN4342 Christian Ministry
- MIS2311 Introduction to Missions
- MIS2322 Missionary Anthropology
- 6 hours from
  - MIS3302 The Gospel and Holistic Missions
  - MIS3303 Living Globally
  - MIS4304 Imaging God
- MIS4312 Mission Team Dynamics
- MIS4090 Practicum

## C. Supporting Courses (39 hours)

- BIB2302 Interpretation: Hermeneutics
- BIB2303 Interpretation: Homiletics
- 3 hours from
  - BIL2311 Elementary Greek I
  - BIL3313 Elementary Hebrew I
- 3 hours from
  - BIL2322 Elementary Greek II
  - BIL3324 Elementary Hebrew II
- 3 hours from
  - BIL3331 Intermediate Greek I
  - BIL4336 Intermediate Hebrew I
- 3 hours from
  - BIL3342 Intermediate Greek II
  - BIL4345 Intermediate Hebrew II
- HTH3322 Christian History and Theology II
- HTH4331 Christian History and Theology III
- MIN2311 Mission of God
- MIN3301 Family and Congregational Dynamics
- MIN4331 Spiritual Direction and Worship
- PHI2304 Introduction to Philosophy

- 3 hours from
  - REL3301 World Religions
  - PHI4306 Philosophy of Religion

D. Electives (9 hours)

E. Total (129 hours)

Note: Students that took BIB 1310 instead of BIB 1312 must also take BIB 1010. Students that took BIB 1320 instead of BIB 1312 must also take BIB 1020.

## Bachelor of Arts in Youth Ministry

A. University Core (45 hours)

- BIB1312 Introduction to the Old Testament for Majors
- BIB1322 Introduction to the New Testament for Majors
- MIN2322 Christian Spiritual Formation
- HTH3311 Christian History and Theology I
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- PSY1300 General Psychology
- HIS1315 World History and Geography I
- HIS1316 World History and Geography II
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- ENG2301 Masterpieces of Literature
- PHI3305 Ethics
- UNI1170 University Seminar
- UNI2000 University Skills

B. Major (36 hours)

- BIB3312 Nature of Scripture
- BIB4311 Advanced Biblical Interpretation
- BIB4360 Bible Department Capstone
- 9 hours from BIB, BNT, or BOT
- MIN3303 Contemporary Issues in the Family
- MIN4342 Christian Ministry
- YFM2311 Foundations of Youth and Family Ministry
- YFM2324 Strategic Issues of Youth and Family Ministry
- YFM3303 Adolescent Spiritual Formation
- YFM4322 Advanced Youth and Family Ministry
- YFM4090 Practicum

C. Supporting Courses (39 hours)

- BIB2302 Interpretation: Hermeneutics
- BIB2303 Interpretation: Homiletics
- 3 hours from
  - BIL2311 Elementary Greek I
  - BIL3313 Elementary Hebrew I
- 3 hours from
  - BIL2322 Elementary Greek II
  - BIL3324 Elementary Hebrew II
- 3 hours from
  - BIL3331 Intermediate Greek I
  - BIL4336 Intermediate Hebrew I

- 3 hours from
  - BIL3342 Intermediate Greek II
  - BIL4345 Intermediate Hebrew II
- HTH3322 Christian History and Theology II
- HTH4331 Christian History and Theology III
- MIN2311 Mission of God
- MIN3301 Family and Congregational Dynamics
- MIN4331 Spiritual Direction and Worship
- PHI2304 Introduction to Philosophy
- 3 hours from
  - REL3301 World Religions
  - PHI4306 Philosophy of Religion

D. Elective (9 hours)

E. Total (129 hours)

Note: Students that took BIB 1310 instead of BIB 1312 must also take BIB 1010. Students that took BIB 1320 instead of BIB 1312 must also take BIB 1020.

### Master of Science in Family Ministry

Students in the Master of Science in Family Ministry must take at least one-third (1/3) of their credit hours in hybrid formats which includes an on-campus classroom experience.

(48 hours)

- BIB6300 Introduction to Graduate Studies
- REL6334 Christian History and Theology
- REL6333 Ethics
- 6 hours from BIB
- HSC6301 Family Life Education
- HSC6310 Social Development of Individuals and Families
- HSC6322 Human Sexuality
- HSC6324 Family Resource Management
- HSC6315 Parent Education
- HSC6332 Helping Professions and Public Policy
- HSC6333 Ethics in Helping Professions
- MIN6304 Church Leadership
- MIN6301 Family Ministry
- MIN6323 Family Systems
- MIN6390 Practicum in Family Ministry
- MIN6062 Comprehensive Examination

### Minor in Missions

The missions minor requires 18 hours. The student must be in good standing with the university and maintain ongoing involvement in the missions community.

- 18 hours from
  - MIS2311 Introduction to Missions
  - MIS2322 Missionary Anthropology
  - MIS3302 The Gospel and Holistic Missions
  - MIS3303 Living Globally
  - MIS4304 Imaging God
  - MIS4312 Mission Team Dynamics
  - REL3301 World Religions

**Minor in Philosophy**

The philosophy minor requires 18 hours. At least 9 must be in addition to the 126 hours required for the Bachelor of Arts degree.

- PHI2304 Introduction to Philosophy
- PHI3303 Plato
- 3 hours from
  - PHI3305 Ethics
  - PHI3310 Aristotle's Ethics
- 9 hours from
  - ART4308 Art Theory and Criticism
  - ENG3307 Classical and Contemporary Rhetoric
  - PHI3304 Augustine and Aquinas
  - PHI4306 Philosophy of Religion
  - REL3368 Intermediate Studies in Religion/Theology

## School of Business

### Mission

The mission of the Lubbock Christian University School of Business is to prepare students for their callings as Christ-centered Business professionals, fully equipped for lives of Christian service and leadership.

### Faculty

- Tracy Mack, M.B.A., Interim Dean
- David C. Anderson, M.S.
- Matthew Bumstead, M.B.A.
- Kathy Crockett, Ph.D.
- Russell Dabbs, Ph.D.
- Doug Darby, M.S.
- Caren Fullerton, Ph.D.
- Joe Marshall, M.I.S.
- Clyde Neff, M.B.A.
- Vanda Pauwels, Ph.D.
- Karen Randolph, M.F.A.
- Lamar Reinsch, Ph.D.
- Laci Richardson, M.S.
- Brad Rogers, M.A.
- Brian Starr, Ph.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Business Administration in Accounting](#)
- [Bachelor of Arts in Economics](#)
- [Bachelor of Science in Economics](#)
- [Bachelor of Business Administration in Economics](#)
- [Bachelor of Business Administration in Finance](#)
- [Bachelor of Business Administration in Business with General Business emphasis](#)
- [Bachelor of Business Administration in Business with Management emphasis](#)
- [Bachelor of Business Administration in Business with Marketing emphasis](#)
- [Bachelor of Business Administration in Management Information Systems](#)
- [Bachelor of Science in Information Systems and Technology](#)
- [Bachelor of Arts in Digital Media Arts and Applications](#)

### Bachelor of Business Administration in Accounting

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- ECO2301 Macroeconomics
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- ENG3308 Technical Writing
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology

- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI1170 University Seminar
- UNI2000 University Skills

## B. Major (30 hours)

- ACC2301 Principles of Financial Accounting
- ACC2302 Principles of Managerial Accounting
- ACC3301 Intermediate Accounting I
- ACC3302 Intermediate Accounting II
- ACC3303 Cost Accounting
- ACC3305 Special Problems in Accounting
- 12 hours from upper level ACC

## C. Supporting Courses (39 hours)

- BUA1300 Introduction to Business
- BUA2310 Business Statistics
- BUA3305 Principles of Marketing
- BUA3310 Money and Banking
- ACC3320 Business Ethics for Accountants
- BUA4301 Business Law
- ECO2302 Microeconomics
- FIN2301 Personal Financial Planning
- FIN3300 Corporate Finance I
- IST3300 Advanced Spreadsheet Design
- MAT1316 Business Calculus
- MGT3300 Principles of Management
- 3 hours upper level from ACC, BUA, DMA, ECO, FIN, IST, MGT, or PFP

## D. Electives (6 hours)

## E. Total (120 hours)

**Bachelor of Arts/Bachelor of Science in Economics**

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- FIN2301 Personal Financial Planning
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- ENG3308 Technical Writing
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY

- 3 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI1170 University Seminar
- UNI2000 University Skills

## B. Major (30 hours)

- BUA3310 Money and Banking
- ECO2301 Macroeconomics
- ECO2302 Microeconomics
- ECO3301 Intermediate Macroeconomics
- ECO3302 Intermediate Microeconomics
- ECO4360 Seminar in Economics
- FIN3300 Corporate Finance I
- FIN4311 International Trade and Finance
- 6 hours from upper level ECO

## C. Supporting Courses (39 hours)

- ACC2301 Principles of Financial Accounting
- BUA1300 Introduction to Business
- BUA2310 Business Statistics
- IST3300 Advanced Spreadsheet Design
- MAT1316 Business Calculus
- 6 hours from FOL, GEG, GOV, HIS, MAT (1312 or higher), PHI, PSY, or SOC
- Minor (18 hours)
  - Minors in Natural or Physical Science earn a Bachelor of Science degree
  - Up to 9 hours required for the minor may be included in the major
  - In cases where major hours count for minor courses electives will be increased

## D. Electives (6 hours)

## E. Total (120 hours)

**Bachelor of Business Administration in Economics**

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- FIN2301 Personal Financial Planning
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- ENG3308 Technical Writing
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI1170 University Seminar
- UNI2000 University Skills

## B. Major (30 hours)

- BUA3310 Money and Banking
- ECO2301 Macroeconomics
- ECO2302 Microeconomics
- ECO3301 Intermediate Macroeconomics
- ECO3302 Intermediate Microeconomics
- ECO4360 Seminar in Economics
- FIN3300 Corporate Finance I
- FIN4311 International Trade and Finance
- 6 hours from upper level ECO

C. Supporting Courses (39 hours)

- ACC2301 Principles of Financial Accounting
- ACC2302 Principles of Managerial Accounting
- BUA1300 Introduction to Business
- BUA2310 Business Statistics
- BUA3305 Principles of Marketing
- BUA4301 Business Law
- BUA4330 Internship
- BUA4380 Business Policy
- IST3300 Advanced Spreadsheet Design
- MAT1316 Business Calculus
- MGT3300 Principles of Management
- 6 hours from ACC, AEC, BUA, DMA, ECO, FIN, IST, MAT (1312 or higher), MGT, or PFP

D. Electives (6 hours)

E. Total (120 hours)

## **Bachelor of Business Administration in Finance**

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- ECO2301 Macroeconomics
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- ENG3308 Technical Writing
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI1170 University Seminar
- UNI2000 University Skills

B. Major (30 hours)

- ACC3301 Intermediate Accounting I
- ACC3302 Intermediate Accounting II
- ACC3303 Cost Accounting

- BUA3310 Money and Banking
- FIN2301 Personal Financial Planning
- FIN3300 Corporate Finance I
- FIN4302 Corporate Finance II
- FIN4309 Investments
- FIN4311 International Trade and Finance
- FIN4315 Financial Statement Analysis

C. Supporting Courses (39 hours)

- ACC2301 Principles of Financial Accounting
- ACC2302 Principles of Managerial Accounting
- BUA1300 Introduction to Business
- BUA2310 Business Statistics
- BUA3305 Principles of Marketing
- BUA4301 Business Law
- BUA4330 Internship
- BUA4380 Business Policy
- ECO2302 Microeconomics
- IST3300 Advanced Spreadsheet Design
- MAT1316 Business Calculus
- MGT3300 Principles of Management
- 3 hours upper level from ACC, BUA, COM, DMA, ECO, FIN, IST, MGT, or PFP

D. Electives (6 hours)

E. Total (120 hours)

### **Bachelor of Business Administration in Business Administration**

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Cristian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- ECO2301 Macroeconomics
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- ENG3308 Technical Writing
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI1170 University Seminar
- UNI2000 University Skills

B. Major (39 hours)

- ACC2301 Principles of Financial Accounting
- ACC2302 Principles of Managerial Accounting
- BUA1300 Introduction to Business
- BUA2310 Business Statistics

- BUA3305 Principles of Marketing
- BUA3320 Business Ethics
- BUA4301 Business Law
- BUA4330 Internship
- BUA4380 Business Policy
- ECO2302 Microeconomics
- FIN3300 Corporate Finance I
- IST3311 Management Information Systems
- MGT3300 Principles of Management

C. Supporting Courses and Emphasis (30 hours)

- FIN2301 Personal Financial Planning
- FIN4315 Financial Statement Analysis
- IST3300 Advanced Spreadsheet Design
- MAT1316 Business Calculus

General Business Emphasis

- 15 hours upper level with 3 hours from each of ACC, BUA, ECO, FIN, and MGT
- 3 hours upper level from ACC, BUA, DMA, ECO, FIN, IST, MGT or PFP

Management Emphasis

- ACC3303 Cost Accounting
- BUA4320 Leadership
- COM4372 Organizational Communication
- MGT3301 Organizational Behavior
- MGT4306 Human Resource Management
- 3 hours upper level from ACC, BUA, DMA, ECO, FIN, IST MGT or PFP

Marketing Emphasis

- BUA3306 Consumer Behavior
- BUA4300 Professional Selling and Sales Promotion
- COM2351 Introduction to Public Relations
- COM3354 Advertising
- DMA3332 Digital Fundamentals and Imaging
- DMA3341 Advertising Design

D. Electives (6 hours)

E. Total (120 hours)

## **Bachelor of Business Administration in Management Information Systems**

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- ECO2301 Macroeconomics
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- ENG3308 Technical Writing
- 3 hours from
  - PSY1300 General Psychology

- SOC1300 General Sociology
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI1170 University Seminar
- UNI2000 University Skills

## B. Major (36 hours)

- BUA2310 Business Statistics
- IST1301 Foundations of Information Systems and Technology
- IST1350 Computer Programming I
- IST2302 Enterprise Architecture
- IST3300 Advanced Spreadsheets
- IST3311 Management Information Systems
- IST3332 Networking
- IST3341 Database Management Systems
- IST3351 Web Design
- IST4330 Internship
- IST4340 Network Security
- IST4380 Systems Analysis and Design

## C. Supporting Courses (39 hours)

- ACC2301 Principles of Financial Accounting
- ACC2302 Principles of Managerial Accounting
- BUA1300 Introduction to Business
- BUA3305 Principles of Marketing
- BUA3320 Business Ethics
- BUA4301 Business Law
- FIN2301 Personal Financial Planning
- FIN3300 Corporate Finance I
- MAT1316 Business Calculus
- MGT3300 Principles of Management
- MGT3320 Project Management
- 6 hours from
  - ACC4310 Accounting Systems
  - BUA4380 Business Policy
  - CRJ4324 Crime Analysis and Crime Mapping
  - CRJ4325 Forensic Computer Examination
  - CRJ4327 Cyber Crimes
  - ECO2302 Microeconomics
  - DMA
  - IST

## D. Electives (6 hours)

## E. Total (126 hours)

**Bachelor of Science in Information Systems and Technology**

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional

- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- ENG3308 Technical Writing
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI1170 University Seminar
- UNI2000 University Skills

B. Major (39 hours)

- BUA2310 Business Statistics
- IST1301 Foundations of Information Systems and Technology
- IST1350 Computer Programming I
- IST2302 Enterprise Architecture
- IST2311 Computer Programming II
- IST3300 Advanced Spreadsheets
- IST3311 Management Information Systems
- IST3332 Networking
- IST3341 Database
- IST3351 Web Design
- IST4330 Internship
- IST4340 Network Security
- IST4380 Systems Analysis and Design

C. Supporting Courses (24 hours)

- ACC2301 Financial Accounting
- BUA1300 Introduction to Business
- BUA3320 Business Ethics
- MGT3320 Project Management
- 12 hours from
  - ACC2302 Managerial Accounting
  - ACC4310 Accounting Systems
  - CRJ4324 Crime Analysis and Crime Mapping
  - CRJ4325 Forensic Computer Examination
  - CRJ4327 Cyber Crimes
  - DMA
  - IST

D. Electives (18 hours)

E. Total (126 hours)

## Bachelor of Arts in Digital Media Arts and Applications

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life

- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- FIN2301 Personal Financial Planning
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from BIO, CHE, NRC or PHY
- 6 hours from AFA, Fine Arts History, ENG, GOV, HIS, PHI, REL, or FOL
- UNI1170 University Seminar
- UNI2000 University Skills

B. Major (33 hours)

- ART1303 Drawing I
- ART1305 Two-Dimensional Design
- DMA2343 Motion Graphics
- DMA2344 Multimedia Design
- DMA3310 Digital Video I
- DMA3332 Digital Fundamentals and Imaging
- DMA3341 Advertising Design
- DMA3342 Document Design
- 3 hours from
  - ART3308 Three-Dimensional Design
  - DMA4324 Three-Dimensional Modeling
- DMA4330 Digital Media Internship/Portfolio
- IST3351 Web Design

C. Supporting Courses (30 hours)

- BUA1300 Introduction to Business
- BUA3305 Principles of Marketing
- COM2351 Introduction to Public Relations
- COM3354 Advertising
- IST1350 Computer Programming I
- MGT3320 Project Management
- 3 upper level hours from IST
- 9 upper level hours from ART, BUA, COM, DMA, IST, or MGT

D. Electives (12 hours)

E. Total (120 hours)

### Minor in Agriculture Business

Minor available in Agriculture Business. See advisor for details.

### Minor in Business Administration

(18 hours)

- ACC2301 Principles of Financial Accounting
- ECO2301 Macroeconomics
- BUA3305 Principles of Marketing
- FIN3300 Corporate Finance I
- MGT3300 Principles of Management
- 3 hours from ACC, BUA, ECO, FIN, IST, MGT, or PFP

**Minor in Computer Programming Languages**

(18 hours)

- IST1350 Computer Programming I
- IST2311 Computer Programming II
- IST2314 Graphical User Interface Programming
- IST3351 Web Design
- 6 upper level hours from
  - IST2323 Web Programming
  - IST3324 Java Programming
  - IST3330 Introduction to Computer Operating Systems
  - IST3341 Database Management Systems

**Minor in Digital Media Arts and Applications**

(18 hours)

- DMA3332 Digital Fundamentals and Imaging
- DMA3341 Advertising Design
- DMA3342 Document Design
- IST3351 Web Design
- 3 hours from upper level DMA
- 3 hours from
  - DMA2343 Motion Graphics
  - DMA2344 Multimedia Design

**Minor in Economics**

(18 hours)

- ECO2301 Macroeconomics
- ECO2302 Microeconomics
- ECO3301 Intermediate Macroeconomics
- ECO3302 Intermediate Microeconomics
- 6 hours from following
  - BUA3310 Money and Banking
  - FIN4311 International Trade and Finance
  - Upper level ECO

**Minor in Management Information Systems**

(18 hours)

- IST1301 Foundations of Information Systems and Technology
- IST2302 Enterprise Architecture
- IST3300 Advanced Spreadsheet Design
- IST3311 Management Information Systems
- IST3351 Web Design
- IST4380 Systems Analysis and Design

**Minor in Information Systems and Technology**

(18 hours)

- IST1301 Foundations of Information Systems and Technology
- IST1350 Computer Programming I
- IST3332 Networking
- IST3341 Database Management Systems
- IST3351 Web Design
- IST4380 Systems Analysis and Design



## Department of Chemistry and Biochemistry

### Faculty

- Julie Marshall, Ph.D., Chair
- Amanda Boston, Ph.D.
- Byron Rogers, Ph.D.
- Jessica Rogers, M.S.
- Scott Young, M.S.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [BS in Biochemistry](#)
- [BS in Chemistry](#)
- [BS in Chemistry with Education Certification](#)

### Bachelor of Science in Biochemistry

#### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- HIS2301 History of the United States I
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT 1312 Trigonometry or higher
- CHE1307 General Chemistry I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

#### B. Major (32 hours)

- CHE1107 General Chemistry Lab I
- CHE1308 General Chemistry II
- CHE1108 General Chemistry II Lab
- CHE3301 Organic Chemistry I
- CHE3101 Organic Chemistry I Lab
- CHE3302 Organic Chemistry II
- CHE3102 Organic Chemistry II Lab
- CHE3305 Analytical Chemistry I
- CHE3307 Advanced Instrumentation and Laboratory Methods
- CHE4311 Biochemistry I
- CHE4312 Biochemistry II
- CHE4323 Physical Chemistry I
- UGR4388 Undergraduate Research
- CHE4102 Senior Seminar

#### C. Supporting Courses (42 hours)

- MAT1402 Analytical Geometry and Calculus I
- BIO1405 Majors Biology I
- BIO1406 Majors Biology II
- ENG3308 Technical Writing
- PHY1303 General Physics I
- PHY1103 General Physics I Lab
- PHY1304 General Physics II
- PHY1104 General Physics II Lab
- 10 hours from BIO, at least 3 hours from upper level
- 9 hours from PSY, SOC, or HSC

D. Electives (7 hours)

E. Total (126 hours)

## Bachelor of Science in Chemistry

A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1402 Analytical Geometry and Calculus I
- CHE1307 General Chemistry I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

B. Major (35 hours)

- CHE1107 General Chemistry Lab I
- CHE1308 General Chemistry II
- CHE1108 General Chemistry II Lab
- CHE3301 Organic Chemistry I
- CHE3101 Organic Chemistry I Lab
- CHE3302 Organic Chemistry II
- CHE3102 Organic Chemistry II Lab
- CHE3305 Analytical Chemistry I
- CHE3105 Analytical Chemistry Lab I
- CHE3307 Advanced Instrumentation
- CHE4102 Chemical Literature and Seminar
- CHE4311 Biochemistry I
- CHE4312 Biochemistry II
- CHE4323 Physical Chemistry I
- CHE4123 Physical Chemistry Lab I
- CHE4424 Physical Chemistry II

C. Supporting Courses (32 hours)

- 1 hour from ESS Activity Course

- IST2300 Microcomputer Applications
- IST3300 Advanced Spreadsheets
- 3 hours from IST or MAT
- ENG3308 Technical Writing
- MAT1403 Analytical Geometry and Calculus II
- MAT2404 Analytical Geometry and Calculus III
- MAT3306 Differential Equations
- PHY2301 Engineering Physics I
- PHY2101 Engineering Physics I Lab
- PHY2302 Engineering Physics II
- PHY2102 Engineering Physics II Lab

D. Electives (7 hours)

E. Total (120 hours)

### **Bachelor of Science in Chemistry with Educator Certification**

Students planning to certify to teach are required to take the following courses in addition to the Bachelor of Science requirements outlined above. Refer to the educator certification section of this catalog for other requirements.

Pedagogy and Professional Responsibility (6 hours)

- 3 hours from
  - EDS2310 Foundations of Education
  - EDS2320 Instructional Technology
  - EEL2310 Teachers, Schools, and Society
- ESP3382 The Exceptional Child

Methods Block (9 hours)

- 3 hours from
  - EDS4340 Reading/Writing/Thinking in Secondary and Middle School
  - REA3340 Reading Writing Connection
  - REA4350 Practical Applications to Reading
- EDS4330 Managing Diverse Classrooms
- EDS4350 Design and Delivery

Clinical Teaching Block (12 hours)

- EDS4310 Assessment and Evaluation
- EDS4360 Seminar in Education
- EDS4660 Student Teaching

### **Minor in Chemistry**

Minor in Chemistry (18 hours)

- CHE1307
- CHE1107
- CHE1308
- CHE1108
- 10 upper level hours from two areas of chemistry (analytical, biochemistry, organic, or physical) with 2-3 hours from labs

## Department of Communication and Fine Arts

### Faculty

- Laurie Doyle, Ph.D., Chair
- Philip Camp, Ph.D.
- Ruth Holmes, Ph.D.
- Ronelle Howell, M.F.A, M.Ed.
- Shawn Hughes, Ph.D.
- Michelle Kraft, Ph.D.
- Steven Lemley, Ph.D.
- Abraham Mata, Ph.D.
- Ryan Smith, D.M.A.
- Courtney Tyler, M.A.E.
- Don Williams, Ph.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Fine Arts in Art with a Drawing and Painting emphasis](#)
- [Bachelor of Fine Arts in Art with a Graphic Design emphasis](#)
- [Bachelor of Fine Arts in Art with an Art Education emphasis](#)
- [Bachelor of Arts in Communication](#)
- [Bachelor of Arts in Mass Media](#)
- [Bachelor of Arts in Spanish Education](#)
- [Bachelor of Arts in Music](#)
- [Bachelor of Music in Music Education](#)
- [Bachelor of Arts in Music with a Business emphasis](#)
- [Bachelor of Arts in Music with a Pre-Music Therapy emphasis](#)
- [Bachelor of Arts in Theatre](#)
- [Bachelor of Arts in Theatre Education](#)

### Bachelor of Fine Arts in Art with Drawing and Painting emphasis

#### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from HIS, GOV, ECO, or FIN
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from FOL
- ART2307 Survey of Art History I
- UNI2000 University Skills

#### B. Major (42 hours)

- ART1303 Drawing I

- ART1304 Drawing II
- ART1305 Two-Dimensional Design
- ART2000 Review in Art
- ART2308 Survey of Art History II
- ART2310 Ceramics
- ART2312 Three-Dimensional Design
- ART2316 Painting I
- ART3305 History of Modern Art
- ART3326 Sculpture
- 6 hours from
  - ART3352 Special Topics in Art History
  - ART4302 History of Art in the U.S.
  - ART4308 Art Theory and Criticism
  - ART4352 Special Topics in Art History
- DMA2344 Multimedia Design
- DMA3332 Digital Imaging
- 3 upper level hours from ART

C. Emphasis (27 hours)

- ART2306 Life Drawing
- ART3304 Painting II
- ART3309 Painting III
- ART3310 Printmaking
- ART4303 Professional Practice and Special Problems in Drawing
- ART4305 Professional Practice and Special Problems in Painting
- ART4360 Senior Seminar
- 6 hours from ART or DMA

D. Supporting (12 hours)

- 12 upper level hours from at least two of COM, FOL, HIS, HUM, ENG, GOV, MUS, PHI, PSY, SOC, REL or THA

E. Electives (3-4 hours)

F. Total (129-130)

### Bachelor of Fine Arts in Art with a Graphic Design emphasis

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from HIS, GOV, ECO, or FIN
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from FOL
- ART2307 Survey of Art History I
- UNI2000 University Skills

## B. Major (42 hours)

- ART1303 Drawing I
- ART1304 Drawing II
- ART1305 Two-Dimensional Design
- ART2000 Review in Art
- ART2308 Survey of Art History II
- ART2310 Ceramics
- ART2312 Three-Dimensional Design
- ART2316 Painting I
- ART3305 History of Modern Art
- ART3326 Sculpture
- 6 hours from
  - ART3352 Special Topics in Art History
  - ART4302 History of Art in the U.S.
  - ART4308 Art Theory and Criticism
  - ART4352 Special Topics in Art History
- DMA2344 Multimedia Design
- DMA3332 Digital Imaging
- 3 hours from upper level ART

## C. Emphasis (27 hours)

- ART3310 Printmaking
- ART2311 Typography
- COM4330 Senior Internship
- DMA3310 Digital Video
- DMA3341 Advertising Design
- DMA3342 Document Design
- DMA4324 Three-Dimensional Modeling
- 6 hours from ART or DMA

## D. Supporting Courses (15 hours)

- COM1351 Principles of Mass Communications
- COM2348 Communication Theory
- COM3354 Advertising
- 3 hours from COM
- 3 hours from upper level COM

## E. Electives (3-4 hours)

## F. Total (132-133 hours)

**Bachelor of Fine Arts in Art with Art Education emphasis**

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from HIS, GOV, ECO, or FIN

- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from FOL
- ART2307 Survey of Art History I
- UNI2000 University Skills

## B. Major (42 hours)

- ART1303 Drawing I
- ART1304 Drawing II
- ART1305 Two-Dimensional Design
- ART2000 Review in Art
- ART2308 Survey of Art History II
- ART2310 Ceramics
- ART2312 Three-Dimensional Design
- ART2316 Painting I
- ART3305 History of Modern Art
- ART3326 Sculpture
- 6 hours from
  - ART3352 Special Topics in Art History
  - ART4302 History of Art in the U.S.
  - ART4308 Art Theory and Criticism
  - ART4352 Special Topics in Art History
- DMA2344 Multimedia Design
- DMA3332 Digital Imaging
- 3 hours from upper level ART

## C. Emphasis (21 hours)

- ART3310 Printmaking
- ART2306 Life Drawing
- ART3303 Curriculum and Assessment in K-12 Art
- 3 hours from
  - ART3304 Painting II
  - ART3309 Painting III
- ART4305 Contemporary Issues in Art Education
- ART4360 Senior Seminar
- 3 hours from ART or DMA

## D. Pedagogy and Professional Practice (24 hours)

- 3 hours from
  - EEL2310 Teachers, Schools, and Society
  - EDS2310 Foundations of Education
- 3 hours from
  - EDS4340 Reading, Writing and Thinking in Secondary and Middle Schools
  - REA3340 The Reading Writing Connection
  - REA4350 Practical Applications to Reading

## Methods Block

- EDS4330 Managing Diverse Classrooms
- EDS4350 Design and Delivery

## Clinical Teaching Block

- EDS4310 Assessment and Evaluation
- EDS4360 Seminar in Education
- EDS4660 Clinical Teaching

E. Electives (3-4 hours)

F. Total (135-136)

### Bachelor of Arts in Communication

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hour from ECO, FIN, GOV or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 3 hour from AFA, Fine Arts History, PHI, REL or BIL
- ENG3308 Technical Communication
- UNI2000 University Skills

B. Major (36 hours)

- COM1351 Principles of Mass Media
- COM2311 Introduction to Public Address
- COM2348 Communication Theory
- COM2351 Introduction to Public Relations
- COM3371 Group Communication
- COM3374 Nonverbal Communication
- COM4330 Communication Internship
- COM4372 Organizational Communication
- 6 hours from
  - COM3313 Interpersonal Communication
  - COM3343 News Reporting
  - COM3354 Advertising
  - COM3372 Intercultural Communication
- 6 hours from
  - COM4321 Advanced Public Speaking and Rhetorical Analysis
  - COM4341 Communication and Conflict
  - COM4374 Persuasive Communication

C. Supporting Courses (22-24 hours)

- 3 hours from
  - ART1305 Two-Dimensional Design
  - DMA3332 Multimedia Design
- 3 hours from
  - BUA2310 Business Statistics
  - PSY3310 Psychological Statistics
- BUA3305 Principles of Marketing
- BUA3306 Consumer Behavior
- COM1101 Yearbook Lab
- COM1105 News Lab

- COM2101 Yearbook Lab
- COM2105 News Lab
- 6-8 hours from one FOL

D. Electives (15-17 hours)

E. Total (120 hours)

## **Bachelor of Arts in Mass Media**

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hour from ECO, FIN, GOV or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 3 hour from AFA, Fine Arts History, PHI, REL or BIL
- ENG3308 Technical Communication
- UNI2000 University Skills

B. Major (37 hours)

- COM1100 Electronic Activity Lab
- COM1351 Principles of Mass Media
- COM2100 Electronic Activity Lab
- COM2303 Principles of Announcing
- COM2348 Communication Theory
- COM2351 Introduction to Public Relations
- COM3100 Electronic Activity Lab
- COM3301 Sports Writing and Reporting
- COM3331 Television Production
- COM3343 News Reporting
- COM3354 Advertising
- COM3374 Nonverbal Communication
- COM4100 Electronic Activity Lab
- COM4330 Communication Internship
- COM4374 Persuasive Communication

C. Supporting Courses (28-30 hours)

- 3 hours from
  - ART1305 Two-Dimensional Design
  - DMA2344 Multimedia Design
- COM1101 Yearbook Lab
- COM1105 News Lab
- COM2101 Yearbook Lab
- COM2105 News Lab
- 6 hours from

- COM4321 Advanced Public Speaking and Rhetorical Analysis
- ENG3305 Introduction to Creative Writing
- ENG3317 Approaches to Advanced Grammar
- DMA3310 Digital Video
- DMA3342 Document Design
- 6-8 hours from one FOL
- THA3304 Principles of Theatrical Lighting

D. Electives (8-10 hours)

E. Total (120 hours)

## Bachelor of Arts in Spanish Education

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- EDU3350 Educational Psychology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

B. Major (39 hours)

- FOL2301 Intermediate Spanish I
- FOL2302 Intermediate Spanish II
- FOL3301 Introduction to Latin American Life and Literature
- FOL3302 Introduction to Spanish Life and Literature
- FOL3311 Latino Culture and Communication
- FOL4301 Survey of Spanish Literature
- FOL4302 Survey of Latin American Literature
- FOL4306 Advanced Grammar and Composition
- FOL4360 Seminar: Advanced Composition
- ESL3372 Teaching the Multicultural/Multilingual Student
- ESL3382 Teaching First and Second Language Acquisition
- ESL3392 ESL Methodology (Pre-K to 12th)
- HIS3330 History of Latin America

C. Supporting Courses (13 hours)

- FOL1402 Beginning Spanish II
- EEL3320 Early Childhood Education
- 3 hours from
  - ART2308 Survey of Arts History II
  - COM3372 Intercultural Communication
  - PSY2340 Psychology of Diversity
- 3 hours from
  - REA3330 Literacy and the Young Child
  - REA3340 Reading, Writing Connection/Observation

## D. Pedagogy and Professional Practice (24 hours)

- 3 hours from
  - EEL2310 Teachers, Schools, and Society
  - EDS2310 Foundations of Education
- EDS2320 Instructional Technology

## Methods Block

- EDS4330 Managing Diverse Classrooms
- EDS4350 Design and Delivery

## Clinical Teaching Block

- EDS4310 Assessment and Evaluation
- EDS4360 Seminar in Education
- EDS4660 Clinical Teaching

## E. Electives (6 hours)

## F. Total (127 hours)

[Print This Degree](#)
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**Bachelor of Arts in Music**

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- MUS3303 Music History I
- MUS3304 Music History II
- UNI2000 University Skills

## B. The Major (36 hours)

- MUS1000 Piano Proficiency Test
- MUS1301 Music Literature
- MUS1305 Elementary Music Theory I
- MUS1105 Sight Singing and Ear Training I
- MUS1306 Elementary Music Theory II
- MUS1106 Sight Singing and Ear Training II
- MUS2000 Music Seminar
- MUS2305 Advanced Music Theory
- MUS2105 Advanced Sight Singing and Ear Training I
- MUS2306 Form, Analysis and Advanced Music Theory
- MUS2106 Advanced Sight Singing and Ear Training II

- MUS3230 Orchestration
- MUS4000 Senior Recital
- MUS4204 General Conducting
- 1 hour from
  - MUS4106 Advanced Choral Conducting
  - MUS4105 Advanced Instrumental Conducting
- MUS4320 Elementary Music Methods
- MUS4360 Senior Seminar
- 3 hours from
  - MUS4311 Secondary Choral Methods
  - MUS4312 Secondary Instrumental Methods
- 3 hours from
  - MUS3305 Vocal Pedagogy
  - MUS3307 Piano Pedagogy
  - MUS3308 Marching Band Techniques

#### C. Supporting Courses (30 hours)

- 12 hours from major instrument or voice
- 4 hours from minor instrument or voice
- 3 hours from music performance group
- 6 hours upper level from THA or ART
- Voice Majors
  - MUS1203 Language Diction I
  - MUS1204 Language Diction II
  - MUS2139 Instrumental Methods for Vocal Majors
- Instrumental Majors
  - 5 hours from
    - MUS2129 Clarinet and Saxophone
    - MUS2130 High Brass
    - MUS2131 Low Brass
    - MUS2132 Percussion
    - MUS2133 String Methods
    - MUS2134 Flute and Double Reed

#### D. Electives (9 hours)

#### E. Total (120 hours)

### Bachelor of Music in Music Education

#### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- EDU3350 Educational Psychology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- MUS3303 Music History I
- MUS3304 Music History II
- UNI2000 University Skills

## B. The Major (36 hours)

- MUS1000 Piano Proficiency Test
- MUS1301 Music Literature
- MUS1305 Elementary Music Theory I
- MUS1105 Sight Singing and Ear Training I
- MUS1306 Elementary Music Theory II
- MUS1106 Sight Singing and Ear Training II
- MUS2000 Music Seminar
- MUS2305 Advanced Music Theory
- MUS2105 Advanced Sight Singing and Ear Training I
- MUS2306 Form, Analysis and Advanced Music Theory
- MUS2106 Advanced Sight Singing and Ear Training II
- MUS3230 Orchestration
- MUS4000 Senior Recital
- MUS4204 General Conducting
- 1 hour from
  - MUS4106 Advanced Choral Conducting
  - MUS4105 Advanced Instrumental Conducting
- MUS4320 Elementary Music Methods
- MUS4360 Senior Seminar
- 3 hours from
  - MUS4311 Secondary Choral Methods
  - MUS4312 Secondary Instrumental Methods
- 3 hours from
  - MUS3305 Vocal Pedagogy
  - MUS3307 Piano Pedagogy
  - MUS3308 Marching Band Techniques

## C. Supporting Courses (24 hours)

- 12 hours from major instrument or voice
- 4 hours from minor instrument or voice
- 3 hours from music performance group
- Voice Majors
  - MUS1203 Language Diction I
  - MUS1204 Language Diction II
  - MUS2139 Instrumental Methods for Vocal Majors
- Instrumental Majors
  - 5 hours from
    - MUS2129 Clarinet and Saxophone
    - MUS2130 High Brass
    - MUS2131 Low Brass
    - MUS2132 Percussion
    - MUS2133 String Methods
    - MUS2134 Flute and Double Reed

## D. Pedagogy and Professional Practice (27 hours)

- 3 hours from
  - EDS 2310 Foundations in Education
  - EDS 2320 Instructional Technology
  - EEL 2310 Teachers, Schools, and Society
- 3 hours from
  - EDS 4340 Reading, Writing, and Thinking in Secondary and Middle Schools
  - REA 3340 The Reading Writing Connection
  - REA 4350 Practical Applications to Reading
- ESP 3382 The Exceptional Child

Methods Block

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- EDS 4330 Managing Diverse Classroom
- EDS 4350 Design and Delivery

## Clinical Teaching Block

- EDS 4310 Assessment and Evaluation
- EDS 4360 Seminar in Education
- EDS 4660 Clinical Teaching

E. Electives (7 hours)

F. Total (139 hours)

**Bachelor of Arts in Music with a Business Emphasis**

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- MUS3303 Music History I
- MUS3304 Music History II
- UNI2000 University Skills

## B. Major (36-37 hours)

- MUS1000 Piano Proficiency Test
- MUS1301 Music Literature
- MUS1305 Elementary Music Theory I
- MUS1105 Sight Singing and Ear Training I
- MUS1306 Elementary Music Theory II
- MUS1106 Sight Singing and Ear Training II
- MUS2000 Music Seminar
- MUS2105 Advanced Sight Singing and Ear Training I
- MUS2305 Advanced Music Theory
- MUS3230 Orchestration
- MUS4204 General Conducting
- MUS4360 Senior Seminar
- 3 hours in music performance group
- 8 hours in major instrument or voice
- 3-4 hours from
  - MUS3305 Vocal Pedagogy
  - MUS3307 Piano Pedagogy
  - MUS1203 Language Diction I
  - MUS1204 Language Diction II
  - MUS3308 Marching Band Techniques

## C. Supporting Courses (39 hours)

- ART1305 Two-Dimensional Design
- IST2300 Microcomputer Applications
- COM2351 Introduction to Public Relations
- COM3354 Advertising
- ENG3308 Technical Writing
- ACC2301 Principles of Financial Accounting
- ACC2302 Principles of Managerial Accounting
- BUA1300 Introduction to Business
- COM4330 Communication Internship
- MGT3300 Principles of Management
- 3 hours from
  - BUA3306 Consumer Behavior
  - BUA4301 Business Law
  - BUA4304 Marketing Research
  - MGT4306 Human Resource Management
- 6 hours from
  - DMA2344 Multimedia Design
  - DMA3332 Digital Fundamentals and Imaging
  - DMA3341 Advertising Design
  - DMA3342 Document Design
  - COM3372 Intercultural Communication
  - COM3374 Nonverbal Communication

D. Electives (2-3 hours)

E. Total (123 hours)

### **Bachelor of Arts in Music with a Pre-Music Therapy emphasis**

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I
- MUS3303 Music History I
- MUS3304 Music History II
- UNI2000 University Skills

B. Major (34 hours)

- MUS1000 Piano Proficiency Test
- MUS1301 Music Literature
- MUS1305 Elementary Music Theory I
- MUS1105 Sight Singing and Ear Training I
- MUS1306 Elementary Music Theory II
- MUS1106 Sight Singing and Ear Training II
- MUS2000 Music Seminar

- MUS2305 Advanced Music Theory
- MUS2105 Advanced Sight Singing and Ear Training I
- MUS2306 Form, Analysis and Advanced Music Theory
- MUS2106 Advanced Sight Singing and Ear Training II
- MUS4000 Senior Recital
- MUS4204 General Conducting
- 3 hours from music performance group
- MUS1115 Private Guitar
- MUS1116 Private Guitar
- MUS2115 Private Guitar
- MUS2116 Private Guitar
- MUS4360 Senior Seminar
- 3 hours from
  - MUS3305 Vocal Pedagogy
  - MUS3307 Piano Pedagogy
  - MUS4320 Elementary Music Methods
  - MUS3308 Marching Band Techniques

#### C. Supporting Courses (35 hours)

- SWK2340 Human Diversity
- ESP3382 Exceptional Child
- PSY3302 Counseling Theories and Techniques
- PSY3303 Abnormal Psychology
- PSY3310 Psychological Statistics
- PSY3350 Psychology of Aging
- 12 hours from major instrument or voice
- Voice Majors
  - MUS1203 Language Diction I
  - MUS1204 Language Diction II
  - MUS2139 Instrumental Methods for Vocal Majors
- Instrumental Majors
  - 5 hours from
    - MUS2129 Clarinet and Saxophone
    - MUS2130 High Brass
    - MUS2131 Low Brass
    - MUS2132 Percussion
    - MUS2133 String Methods
    - MUS2134 Flute and Double Reed

#### D. Electives (9 hours)

#### E. Total (123 hours)

Additional requirements for music majors:

- Pass the piano proficiency requirement of MUS 1000 by the end of the sophomore year, which would mark the conclusion of four consecutive semesters of piano. The proficiency requirement must be met before students begin their student teaching, which makes it necessary for students to continue to enroll in piano until the proficiency examination is passed. The elements of the proficiency requirement are as follows.
  - Harmonization/improvisation of simple accompaniments to melodies of 8 measures length using at least 3 triads (I, IV & V or V7) in block position and then with an arpeggiated bass pattern.
  - Transposition of the same melody to a key one-half or a whole step away with block chords.
  - Sight-reading of grade II piano music in which both hands are independent of each other.
  - Two memorized pieces of the level of Classical Era sonatinas.
  - One 4-part chorale-style piece played with music.
  - Major and harmonic minor scales and arpeggios, ascending and descending, played in all keys with correct fingerings, one octave hands together, and two octaves, hands separately, with chord progressions of I, IV, I, V, V7, I.

- Pass a written departmental scales and key signatures test with a minimum grade of 70% at the conclusion of each semester of music theory in order to proceed to the next level of the music theory sequence.
- Present a performance recital in the major instrument of at least 45 minutes duration prior to student teaching.
- Attend and document 10 recitals each semester except while student teaching.
- Participate in at least one music area performance ensemble each semester in which the student is registered for 12 or more hours, except during clinical teaching. Unless approved by Music faculty, the performance ensembles that meet this requirement include Praise Choir, Chamber Singers, and Symphonic Band.
- Participate in the MUS 2000 Music Seminar each Friday afternoon until graduation or semester of student teaching.

## Bachelor of Arts in Theatre

### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - EDU3350 Educational Psychology
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from upper level ENG
- ENG4313 Studies in Drama
- UNI2000 University Skills

### B. Major (39 hours)

- THA1161 Theatre Activities
- THA1162 Theatre Activities II
- THA1361 Introduction to Acting
- THA2161 Stage Makeup
- THA2302 Principles of Acting
- THA3301 Principles of Theatrical Scenery
- THA3304 Principles of Theatrical Lighting
- THA3305 Principles of Theatrical Costumes
- THA4301 Stage Directing Methods
- THA4304 History of Theatre I
- THA4305 History of Theatre II
- THA4324 Studies in Shakespeare
- THA4326 Literature and Film
- THA4365 Creative Dramatics
- THA4368 Play Direction

### C. Supporting Courses (27 hours)

- COM4330 Communication Internship
- ESS1270 First Aid and CPR
- MUS1111 Private Voice
- MUS1112 Private Voice
- MUS2111 Private Voice
- MUS2112 Private Voice
- 3 hours from
  - COM2312 UIL Events
  - ART1305 Fundamentals of Design
- 6 hours from
  - ART1303 Drawing I
  - ART1304 Drawing II
  - COM1351 Principles of Mass Media
  - DMA2344 Multi-Media Design
  - EDS2310 Foundations of Education
  - EEL2310 Teachers, Schools, and Society/Tutoring
- 9 hours from
  - ART3302 Painting
  - ART4308 Art Theory and Criticism
  - DMA3332 Multi-Media Design
  - COM3374 Nonverbal Communication
  - ENG3305 Creative Writing

D. Electives (12 hours)

E. Total (123 hours)

### **Bachelor of Arts in Theatre Education**

This degree prepares students for teaching theatre. Involvement in two or more productions each year provides experience in the areas of acting, set design, musical theatre, and technical theatre. A focus on the UIL one act play prepares students for involvement in directing a competition play. Full-time theatre majors are required to audition for the fall and spring productions, and aid in productions, through performance or as part of the crew.

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- EDU3350 Educational Psychology
- 3 hours from HIS
- GOV2302 Texas State and Local Government
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from upper level ENG
- ENG4313 Studies in Drama
- UNI2000 University Skills

B. Major (39 hours)

- THA1161 Theatre Activities
- THA1162 Theatre Activities II
- THA1361 Introduction to Acting
- THA2161 Stage Makeup

- THA2302 Principles of Acting
- THA3301 Principles of Theatrical Scenery
- THA3304 Principles of Theatrical Lighting
- THA3305 Principles of Theatrical Costumes
- THA4301 Stage Directing Methods
- THA4304 History of Theatre I
- THA4305 History of Theatre II
- THA4324 Studies in Shakespeare
- THA4326 Literature and Film
- THA4365 Creative Dramatics
- THA4368 Play Direction

C. Supporting Courses (14 hours)

- ESS1270 First Aid and CPR
- 3 hours from COM
- 3 hours from
  - ART1305 Fundamentals of Design
  - DMA3342 Document Design
- 6 hours from
  - ART4308 Art Theory and Criticism
  - COM3374 Nonverbal Communication
  - ENG3305 Creative Writing

D. Pedagogy and Professional Practice (27 hours)

- 3 hours from
  - EDS 2310 Foundations in Education
  - EDS 2320 Instructional Technology
  - EEL 2310 Teachers, Schools, and Society
- 3 hours from
  - EDS 4340 Reading, Writing, and Thinking in Secondary and Middle Schools
  - REA 3340 The Reading Writing Connection
  - REA 4350 Practical Applications to Reading
- ESP 3382 The Exceptional Child

Methods Block

- EDS 4330 Managing Diverse Classroom
- EDS 4350 Design and Delivery

Clinical Teaching Block

- EDS 4310 Assessment and Evaluation
- EDS 4360 Seminar in Education
- EDS 4660 Clinical Teaching

E. Electives (8 hours)

F. Total (133 hours)

**Minor in Art**

(18 hours)

- ART1303 Drawing I
- ART1305 Two-Dimensional Design
- 3 hours from ART
- 9 hours from upper level ART

**Minor in Art History**

(18 hours)

- ART2307 Survey of Art History I
- ART2308 Survey of Art History II
- ART3305 History of Modern Art
- ART4302 History of Art in the United States
- ART4308 Art Theory and Criticism
- ART4352 Special Topics in Art History through Study Abroad Experience

**Minor in Communication**

(18 hours)

- COM2340 Communication for the Professional
- COM2348 Communication Theory
- COM4345 Rhetorical Analysis
- COM4374 Persuasive Communication
- COM4352 Special Topics in Advanced Public Address
- 3 hours from
  - COM2351 Introduction to Public Address
  - COM3371 Group Communication
  - COM3374 Nonverbal Communication
  - COM4352 Special Topics in Communication and Conflict

**Minor in Music**

(20 hours)

- MUS1305 Elementary Music Theory I
- MUS1306 Elementary Music Theory II
- MUS3230 Orchestration
- MUS4204 General Conducting
- MUS3304 Music History II
- 3 hours from
  - MUS4311 Secondary Choral Methods
  - MUS4312 Secondary Instrumental Methods
  - MUS3303 Music History I
- 2 hours from private lessons
- MUS2000 Music Seminar
- Participation in 4 semesters of choir or band, at least 2 for credit

**Minor in Spanish**

(20 hours)

- FOL1401 Beginning Spanish I
- FOL1402 Beginning Spanish II
- FOL2301 Intermediate Spanish I
- 9 upper level hours in Spanish

**Minor in Theatre**

(18 hours)

- THA4304 History of Theatre I
- THA4305 History of Theatre II
- 3 hours from
  - THA4324 Studies in Shakespeare
  - THA4365 Creative Dramatics
- Participation in at least two university theatrical productions required

- Select 9 hour Track from
- Acting Track
  - THA1361 Introduction to Acting
  - THA2302 Principles of Acting
  - THA4301 Stage Directing Methods
- Technical Track
  - THA3301 Principles of Theatrical Scenery
  - THA3304 Principles of Theatrical Lighting
  - THA3305 Principles of Theatrical Costumes

## School of Education

The School of Education is recognized for preparing educators who are ready for the classroom. Even though theory is at the core, significant time is spent in very practical applications of the current best practices in the classroom. The traditional programs in education have a strong field-based component, allowing pre-service educators a variety of opportunities to work with children in the early childhood, middle school, and/or high school settings. Alternative programs are also available for individuals who have a bachelor's degree and would like to pursue educator certification. The overall design of the program stems from careful review, state and national standards, and the best practices defined in current research and application. Other special features of the program include the following.

- Collaboration initiatives with local school districts to improve the education of students and the professional development of faculty.
- Student organizations such as Kappa Delta Pi National Honor Society (KDP) to provide for professional growth and the development of team spirit.
- A media center including a curriculum lab and library to assist students in the preparation of teaching materials.
- A variety of certification programs to meet specific needs.
- Individuals seeking certification in early childhood, middle school, or high school setting typically earn the Bachelor of Science in Interdisciplinary Studies (BSIS) degree. The faculty of the School of Education will serve as advisors and mentors to education majors.

## Faculty

- David Boyer, Ed.D., Dean of the School of Education
- Sam Ayers, Ed.D.
- Tonia Boyer, M.Ed.
- Cathy Box, Ph.D.
- Jennifer Hardin, Ph.D.
- Annette Mahan, M.Ed.
- Gonzalo Ramirez Ed.D.
- Dana Reeger, M.Ed.
- Josh Wheeler, M.Ed.

## Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Science in Interdisciplinary Studies in Early Childhood through 6th Grade Education](#)
- [Bachelor of Science in Interdisciplinary Studies in Middle School Education](#)
- [Bachelor of Science in Interdisciplinary Studies in Secondary Education](#)

## Programs

- Post-Baccalaureate Educator Certification

## Educator Certification Program

### Title II Report

The Texas Education Agency and the Southern Association of Colleges and Universities accredit the Lubbock Christian University Educator Certification Program. The university holds membership in the Consortium of State Organizations for Teacher Education (CSOTTE), Texas Association for Colleges of Teacher Education (TACTE), Texas Directors of Field Experiences (TDFE), Texas Association of Certification Officers (TACO), Independent Colleges and Universities in Texas (ICUT), and Texas Coordinators for Teacher Certification and Testing (TCTCT).

## Certification Programs

The university offers approved certification programs as follows.

- Early Childhood Education Core Subjects EC-6-Certification to teach all subject areas in pre-kindergarten through grade 6.
- Middle School Education-Specialist (Grades 4-8)-Certification to teach grades 4-8 in a particular teaching field.

Teaching field options include math, science, reading/language arts, and social studies.

- Secondary Education (Grades 7-12)-Certification to teach grades 7-12 in one teaching field. Teaching field options include Mathematics, Chemistry, Life Science, Physical Science, Science, English, History, and Social Studies.
- All-Level Education (Grades EC-12)-Certification for EC-12th grade Art, Music, Physical Education, Spanish, or Theatre arts.

Certification programs are subject to change by the accrediting agencies. Students should check with their academic department advisor for exact requirements.

### **Educator Certification Council Policies**

The Educator Certification Council (ECC) is responsible for ensuring that educator certification candidates possess the basic skills and qualities necessary to perform their duties in a professional and Christ-like manner. The council is comprised of deans and faculty representing the departments offering educator certification. The council meets twice each long semester. As required by the Texas Education Agency, the council has established admission requirements for all programs of study leading to educator certification. All program applicants must:

### **Phase I: Admission to the Educator Certification Program (ECP)**

Students must be admitted to the ECP prior to Methods. Applications must be submitted to the Director of Certification by October 15 or March 15. The Educator Certification Council (ECC) reviews completed applications each semester.

Criteria for Admissions to the ECP

- Reading-THEA minimum score of 250
- Mathematics-THEA minimum score of 230
- Writing-THEA minimum score of 230
- Oral Communication-grade of at least a C in COM 2340, ENG 1301 and ENG 1302
- Completion UNI 2000
- Successful completion of 60 hours
- Cumulative GPA of 2.75 on a 4.00 scale
- Successful completion of 12 hours in academic specialization (15 hours for Mathematics or Science) with minimum GPA of 2.75. University Core courses do not count toward the required hours.
- Military Service-see Director of Certification for policy on awarding transfer credit
- No previous felony or misdemeanor convictions. In compliance with 19 TAC 141.5, the State Board will conduct a background check for Educator Certification with the Texas Department of Public Safety. Applicants may contact the Director of Certification for additional information.

Submission of an application portfolio containing the following items:

- Recent photograph
- Unofficial copies of all university transcripts
- Documentation of THEA scores
- Recommendations from two faculty members from outside of the School of Education who are familiar with the student's academic achievement and potential as an educator. One of these recommendations must come from a faculty member within the academic specialization area.

### **Post-Baccalaureate and Master's Degree Candidates**

Students must be admitted to the ECP prior to Methods. Applications must be submitted to the Director of Certification by October 15 or March 15. The Educator Certification Council reviews completed applications each semester.

Criteria for candidacy in the Educator Certification Program leading to certification with the Texas Education Agency.

- A minimum overall GPA of 3.0 on the last 60 hours in the Baccalaureate degree and maintained throughout certification program coursework.
- Met all university enrollment qualifications to begin the appropriate post-baccalaureate or master's program.
- Post-Baccalaureate applicants must successfully complete the Pre-Admission Certification Test (PACT) in the appropriate content field prior to the end of the first term of enrollment.
- No previous felony or misdemeanor convictions. In compliance with 19 TAC 141.5, a computer background check will be made by the State Board for Educator Certification with the Texas Department of Public Safety. Applicants

may contact the Director of Certification for additional information.

- Submit the completed application for candidacy to the Director of Certification.
- Successful completion of 12 hours in academic specialization (15 hours for Mathematics or Science) with minimum GPA of 2.75.
- Students who earned degrees from outside the United States must also score 26 or higher in each section of the TOEFL IBT.

### **Educator Qualities**

Applicants must demonstrate the teaching qualities outlined in the ECP Mission Statement or demonstrate a potential for positive development of these qualities. The Educator Certification Council will evaluate these qualities through an analysis of the faculty recommendations, faculty interviews and the student self-evaluations that are included in the application portfolio. Additional interviews may be scheduled as needed. Educator qualities include the following.

- View teaching as a mission and ministry
- Have a desire to help others
- Have a commitment to the welfare of children
- Possess high moral and ethical standards
- Demonstrate openness to new ideas
- Possess effective oral and written communication skills
- Demonstrate emotional and physical health
- Demonstrate creative problem solving skills
- Demonstrate leadership
- Demonstrate strong academic background

### **Review of Application Portfolios**

The School of Education will examine completed application portfolios. The ECC will review the application portfolio and vote to approve or deny admission into the ECP. If admission is denied, applicants may reapply to the Director of Certification. If the council denies admission to an applicant that has met the basic academic criteria, a process for appeal is available through the Dean of the School of Education.

### **Phase II: Candidacy in the Educator Certification Program**

Applicants must be approved for candidacy prior to enrollment in clinical teaching courses. Candidacy is no guarantee of recommendation for certification. Educator candidates must continue to demonstrate the appropriate progress toward the proficiencies and the qualities of a pre-service teacher.

### **Admission to the Educator Certification Program**

The council will review each complete application and vote to either approve or deny admission to candidacy. If the council denies admission to an applicant who has met the basic academic criteria, a process for appeal is available through the Dean of the School of Education.

### **Clinical Teaching Standards**

Submit an application for candidacy to the Field Office Coordinator by October 15 or March 15 to be eligible to enroll in clinical teaching for the following semester.

Progression to clinical teaching is based on the following criteria for undergraduate candidates.

- Successful completion of the Pre-Admission Certification Test (PACT) TExES in the appropriate certification field.
- Successful completion of 110 hours applicable to the academic plan.
- A minimum overall GPA of 2.75.
- A minimum GPA of 2.75 and a grade of C or above in both academic specialization and major.
- Recommendations from the professional educators who supervised the pre-clinical teaching field experience.
- Freedom from physical, speech, hearing, or emotional handicaps that are detrimental to teaching.

### **Phase III: ECP Recommendation for Certification to Texas Education Agency**

- Successful completion of all candidacy requirements.

- A minimum grade of B or better in clinical teaching is required to receive a recommendation for a certificate.
- Complete LCU graduation requirements with degree and date earned on transcript, or an earned baccalaureate degree from an accredited university with sufficient coursework in an approved academic content field and professional development coursework to meet the state requirements for an educator certificate.
- Demonstration of high moral and ethical character through the TEA approved Teacher Ethics Training.
- Successful completion of the EC-12 PPR TExES certification exam.

Candidates may contact the office of the Director of Certification during the clinical teaching semester for questions regarding state certification procedures. When a candidate has met all requirements and submitted all fees, the School of Education will recommend the candidate for certification to the Texas Education Agency.

## Complaints

The university Educator Preparation Program encourages its participants and students to discuss their concerns with an appropriate program employee and make every reasonable effort to resolve concerns informally. However, participants in the program may submit written complaints at any time. Neither the program nor any program employee shall retaliate against participants for raising concerns or for submitting written complaints. Written complaints may be submitted using the university complaint system which is linked on the [student right to know web page](#) on the university web site. Procedures for resolving complaints and for appealing decisions are also provided on that link. If any complainant is not satisfied with an outcome, the complainant may file a complaint against the program with the Texas Education Agency. The Texas Education Agency complaint process can be found at [this link](#). The Texas Education Agency complaint process is also linked on the [student right to know web page](#) on the university web site.

## Bachelor of Science in Interdisciplinary Studies in Early Childhood Education

Requirements to be certified to teach age 4/Pre-K through 6th grade (Core Subjects EC6).

### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- EDU3350 Educational Psychology
- GOV2302 Texas State and Local Government
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- HIS2350 Texas History
- ENG 2301 Masterpieces of Literature
- UNI2000 University Skills

### B. Academic Specialization Core (36-38 hours)

- BIO1303 Integrated Science I
- BIO1304 Integrated Science II
- EEL2307 Conceptual Development of Math for Elementary Teachers I
- EEL2308 Conceptual Development of Math for Elementary Teachers II
- EEL3320 Early Childhood Education
- GEG2300 Regional Geography of the World
- ENG3300 Literature for Children and Young Adults
- EEL3306 Integrated Social Studies
- REA 3330 Literacy and the Young Child

- REA3340 Reading Writing Connection
- ESS1270 First Aid and CPR
- 4-6 hours from
  - ART3306 Art and Children
  - ESS2142 Theory and Practice IV
  - MUS4320 Music Processes

## C. Major (43 hours)

- EEL2310 Teachers, Schools, and Society/Tutoring
- EEL2320 Instructional Technology
- EEL4160 Teaching Certification I
- ESP3382 The Exceptional Child/Observation
- ESL3372 Teaching Multicultural/Multilingual Student
- ESL3382 First and Second Language Acquisition
- REA4350 Practical Applications to Reading

## Methods Block

- EEL4301 Social Studies Methods/Practicum
- EEL4302 Math and Science Methods
- EEL4320 Assessment and Evaluation in the Elementary School
- REA4360 Reading Across the Curriculum/Practicum

## Clinical Teaching Block

- EEL4170 Teaching Certification II
- EEL 4210 Classroom Management and Organization
- EEL 4340 The Elementary School
- EEL 4660 Clinical Teaching in the Elementary/Middle School/Seminar

Notes: Grade of at least a C is required for each academic specialization and major course except for REA 3340, where a grade of at least a B is required. To register for the Methods Block students must meet each requirement for unconditional acceptance into the School of Education.

## E. Electives (3 hours)

## F. Total (127-129 hours)

## **Bachelor of Science in Interdisciplinary Studies in Middle School Education**

Requirements to be certified as a specialist in grades 4 through 8.

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB 1320 Introduction to the New Testament
- BIB 3305 Christian Heritage
- BIB 3310 Christian Life
- COM 2340 Communication for the Professional
- ENG 1301 Composition Studies
- ENG 1302 Composition and Literature
- EDU 3350 Educational Psychology
- GOV 2302 Texas State and Local Government
- ESS 1200 Personal Fitness and Wellness
- UNI 1170 University Seminar
- MAT 1311 College Algebra
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY

- AFA 2350 Introduction to Fine Arts
- ENG 3308 Technical Writing
- UNI 2000 University Skills

## B. Academic Specialization (33-36 hours)

- EDS 3340 Middle School Education
- REA 3340 The Reading Writing Connection
- 3 hours from
  - EEL 4301 Social Studies
  - EEL 4302 Math/Science Methods/Practicum
  - REA 4350 Practical Applications to Reading
- 24-27 hours in one of the following areas
  - Math-MAT 1310, 1312, 1313, 1402, 3302, 3303, 3305, 4350 (25)
  - Science-BIO 1303, 1003, 1304, 1004, 1305, 4303; CHE 1305, 1105, 3310; NRC 3323, 3023; PHY 1303, 1103 (26)
  - English, Language Arts and Reading-ENG 3300, 3302, 3304, 3317; 3 hours from upper level American Literature; 3 hours from upper level British Literature; 6 hours from upper level ENG (24)
  - Social Studies-ECO 2301; GEG 2300, 3342; HIS 2301 or HIS 2302, whichever was not taken in the core; HIS 2350; 3 hours from World History; 3 hours upper level from History; 3 hours upper level from American History; GOV 2301 (27). HIS 3325 is recommended elective.

## C. Major (36 hours)

- EDS 2310 Foundations of Education
- EDS 2320 Instructional Technology
- ESP 3382 The Exceptional Child
- ESL 3372 Teaching Multicultural/Multilingual Students
- ESL 3382 First and Second Language Acquisition

## Methods Block

- EDS 4330 Managing Diverse Classrooms
- EDS 4340 Reading, Writing, and Thinking in Secondary and Middle Schools
- EDS 4350 Design and Delivery

## Clinical Teaching Block

- EDS 4120 Clinical Teaching Orientation
- EDS 4262 Senior Seminar
- EDS 4310 Assessment and Evaluation
- EDS 4660 Clinical Teaching

Notes: Grade of at least a C higher is required for each academic specialization and major course. To register for the Methods Block students must meet each requirement for unconditional acceptance into the School of Education.

## D. Electives (9-12 hours)

## E. Total (126 hours)

**Bachelor of Science in Interdisciplinary Studies in Secondary Education**

Requirements to be certified to teach grade 7 through 12.

## A. University Core (45 hours)

- BIB 1310 Introduction to the Old Testament
- BIB 1320 Introduction to the New Testament
- BIB 3305 Christian Heritage
- BIB 3310 Christian Life
- COM 2340 Communication for the Professional
- ENG 1301 Composition Studies

- ENG 1302 Composition and Literature
- EDU 3350 Educational Psychology
- GOV 2302 Texas State and Local Government
- ESS 1200 Personal Fitness and Wellness
- UNI 1170 University Seminar
- MAT 1311 College Algebra
- 3 hours from
  - HIS2301 History of the United States I
  - HIS2302 History of the United States II
- 3 hours from BIO, CHE, NRC or PHY
- AFA 2350 Introduction to Fine Arts
- ENG 3308 Technical Writing
- UNI 2000 University Skills

#### B. Academic Specialization (48-51 hours)

Candidates must select either the composite or specialization route to complete this degree. The composite route consists of 48-51 hours in the chosen field listed below under composite teaching fields. The specialization route consists of 48 hours; 30 hours in one specialization content area and an additional 18 hours in a selected area of emphasis. The specialization route should culminate with certification in the area of specialization and the opportunity to add certification in the emphasis area after graduation.

Composite Teaching Field Route-select one of the following two composite teaching fields.

- Science-BIO 1305, 1405, 1406, 3300, 3303, 4303; CHE 1307, 1107, 1308, 1108, 3310; NRC 3323, 3023; PHY 1303, 1103, 1304, 1104, and from Texas Tech University or South Plains College, take GEOL 1303, 1101, 1304, and 1102 (50).
- Social Studies-HIS 1315, 1316, 2350, 3323; 9 hours from HIS 3313, 3315, 3325 recommended, 4302, 4313, 4314; 3 hours from HIS 4325 or 4326; 6 hours from HIS 3310, 3320, 3330; ECO 2301; GEG 2300 and 3342; GOV 2301, 2302, and 3 hours from GOV or POS (48).

Specialization Teaching Field Route-select one 30 hour area of specialization and one 18 hour emphasis area.

- Chemistry-CHE 1307, 1107, 1308, 1108, 3301, 3101, 3302, 3102, 3310, 4311, 4312; and 6 hours from science list.
- English, Language Arts and Reading-ENG 3302, 3304 or 3305, 3317, 6 hours from upper level American literature; 6 hours from upper level British Literature; and 9 hours from upper level ENG.
- History-HIS 1315, 1316, 2350, 3323, and 3325; 4313 or 4314; 4325 or 4326; 3 hours from 3310, 3320, 3330; 3 hours from 3313, 3315, 4302, 4352; and 3 hours from ECO, GEG, GOV or HIS.
- Life Science-BIO 1405, 1005, 1406, 1006, 3300, 3303, 3003, 3304, 3004, 3305, 3005, 4102; CHE 3310; NRC 3323, 3023; and 3 hours from science list.
- Math-MAT 1310, 1312, 1313, 1402, 1403, 3302, 3303, 3305, 3350, 4350
- Physical Science-CHE 1307, 1107, 1308, 1108, 3301, 3101, 3302, 3102, 3310; PHY 1303, 1103, 1304, 1104; and 3 hours from science list.

Emphasis-The emphasis may be selected from one of the specialization areas or additional options including EC-12: Art, Music, Physical Education, Spanish, and Theatre. Please see content advisor and refer to the major courses listed in the appropriate section of this catalog.

#### C. Major (36 hours)

- EDS 2310 Foundations of Education
- EDS 2320 Instructional Technology
- ESP 3382 The Exceptional Child
- ESL 3372 Teaching Multicultural/Multilingual Students
- ESL 3382 First and Second Language Acquisition

#### Methods Block

- EDS 4330 Managing Diverse Classrooms
- EDS 4340 Reading, Writing, and Thinking in Secondary and Middle Schools
- EDS 4350 Design and Delivery

## Clinical Teaching Block

- EDS 4120 Clinical Teaching Orientation
- EDS 4262 Senior Seminar
- EDS 4310 Assessment and Evaluation
- EDS 4660 Clinical Teaching

Notes: Grade of at least a C is required for each academic specialization and major course. To register for the Methods Block students must meet each requirement for unconditional acceptance into the School of Education.

D. Electives (2 hours)

E. Total (132-135 hours)

**Post-Baccalaureate Educator Certification Program for Initial Certification**

Individuals who possess at least a bachelor's degree from a regionally accredited institution and who meet specific qualifications may be admitted into a special certification program. Applicants who earned degrees from outside the United States must also score 26 or higher in each section of the TOEFL IBT. The specifics of the post-baccalaureate educator certification program are outlined below.

**Post-Baccalaureate Certification for Early Childhood Education**

## Admission Requirements

- An overall grade point average of 2.5 on a 4.0 system at the baccalaureate level
- Demonstration of skill in computing and technology through either successful completion of course work or proficiency review
- Demonstration of speech competency with emphasis on oral proficiency in the English language through successful completion of course work
- Successful completion of the following courses with a minimum GPA of 2.75
- Students must pass the Pre-Admission Content Test (PACT) before admission into the ECP

**Post-Baccalaureate Early Childhood Education Course Requirements**

15-18 hours from the following to be decided by post-baccalaureate advisor

- EEL 2310 Teachers, Schools, and Society/Tutoring
- EDU 3350 Educational Psychology
- BIO 1303 Integrated Science I or BIO 1304 Integrated Science II
- EEL 2307 Conceptual Development of Math for Elementary Teachers I
- EEL 2320 Instructional Technology
- EEL 3320 Early Childhood Education
- ENG 3300 Literature for Children and Young Adults
- REA 3330 Literacy and the Young Child
- REA 3340 The Reading Writing Connection/Observation

## Methods Block

- EEL 4160 Teaching Certification I
- EEL 4301 Social Studies Methods/Practicum
- EEL 4302 Mathematics/Science Methods
- EEL 4320 Assessment and Evaluation
- REA 4350 Practical Applications to Reading
- REA 4360 Reading Across the Curriculum/Practicum

## Clinical Teaching Block

- EEL 4170 Teaching Certification II
- EEL4210 Classroom Management and Organization
- EEL 4340 The Elementary/Middle School

- EEL 4660 Clinical Teaching in Elementary/Middle School/Seminar

Notes: Grade of at least a C is required for each academic specialization and education course except for REA 3340, where a grade of at least a B is required. To register for the Methods Block students must meet each requirement for unconditional acceptance into the School of Education.

## Post-Baccalaureate Certification for Middle School, Secondary and All-Level Certification

### Admission Requirements

- Earned Bachelor degree with acceptable course work in an area of certification.
- 2.75 cumulative GPA or 3.0 in last 60 hours.
- 24 approved hours in proposed teaching field with 12 upper level, or 24 approved hours in a proposed composite or all-level field with 12 upper level.
- 3.0 GPA in proposed teaching field.
- Students may take leveling and limited education courses before being admitted into the ECP.
- Students must pass the Pre-Admission Content Test (PACT) before admission into the ECP.
- No previous felony or misdemeanor convictions. In compliance with 19 TAC 141.5, the State Board for Educator Certification (SBEC) will conduct a computer background check through the Texas Department of Public Safety. Applicants may contact the Director of Certification for more information.
- Submit completed application to the Director of Certification.

### Certification and Course Requirements

- Meet admission requirements.
- Completion of the Pedagogy and Professional Responsibility Core with a GPA of at least 2.75.

## Post-Baccalaureate Middle School, Secondary and All-Level Certification Course Requirements

### Pedagogy and Professional Responsibility Core

- 3 hours from
  - EDS 2310 Foundations in Education
  - EDS 2320 Instructional Technology
  - EEL 2310 Teachers, Schools, and Society
- ESP 3382 The Exceptional Child

### Methods Block

- 3 hours from
  - EDS 4340 Reading, Writing, and Thinking in Secondary and Middle Schools
  - REA 3340 The Reading Writing Connection/Observations
  - REA 4350 Practical Applications to Reading
- EDS 4330 Managing Diverse Classroom
- EDS 4350 Design and Delivery

### Clinical Teaching Block

- EDS 4120 Clinical Teaching Orientation
- EDS 4262 Senior Seminar
- EDS 4310 Assessment and Evaluation
- EDS 4660 Clinical Teaching

Students in this program may be eligible to complete a portion of these requirements through an internship. Consult your academic advisor for more information.

## Bachelor of Arts or Bachelor of Science Degree with Educator Certification in Middle or Secondary School

Students seeking to earn a Bachelor of Arts or Bachelor of Science degree and educator certification must complete the following:

- Meet the requirements of the BA or BS degree
- Meet the requirements of the Educator Certification Program
- Successfully complete a secondary, middle school, or all-level area of specialization
- Successfully complete the education coursework consisting of:
- 3 hours from
  - EDS 2310 Foundations in Education
  - EDS 2320 Instructional Technology
  - EEL 2310 Teachers, Schools, and Society
- ESP 3382 The Exceptional Child

#### Methods Block

- 3 hours from
  - EDS 4340 Reading, Writing, and Thinking in Secondary and Middle Schools
  - REA 3340 The Reading Writing Connection/Observations
  - REA 4350 Practical Applications to Reading
- EDS 4330 Managing Diverse Classroom
- EDS 4350 Design and Delivery

#### Clinical Teaching Block

- EDS 4120 Clinical Teaching Orientation
- EDS 4262 Senior Seminar
- EDS 4310 Assessment and Evaluation
- EDS 4660 Clinical Teaching

Notes: Minimum grade of C is required for each education course, except for EDS 4660 where at least a B is required. To register for the methods block students must meet each requirement for admission into the ECP. Prior to enrolling in the clinical teaching block, students must pass the appropriate TExES exam for their specialization. Students in this program may be eligible to complete a portion of these requirements through an internship. Consult your academic advisor for more information.

### Minor in Early Childhood Education

Completion of minor in early childhood education does not include coursework necessary for teacher certification.

(18 hours)

- EDU3350 Educational Psychology
- EEL 3320 Early Childhood Education
- REA 3330 Literacy and the Young Child
- 3 hours from
  - ESL 3372 Teaching the Multicultural/Multilingual Student
  - ESP 3382 The Exceptional Child
- 6 hours from
  - ART 3306 Art and Children
  - EEL 2320 Instructional Technology or IST 2300 Microcomputer Applications
  - ENG 3300 Literature for Children and the Young Adult

## Department of Exercise and Sport Sciences

Exercise and Sport Science is an intellectual and physical discipline that prepares students for a deeper understanding of physical activity, specifically, exercise and sport. The discipline derives its knowledge base from experiencing physical activity, studying the theoretical bases of physical activity, and experiencing professional practice centered in physical activity.

### Faculty

- Kim McCullough, M.S., Chair
- Chris Huggins, D.P.T., PT, COMT
- Laurel Littlefield, Ph.D.
- Toby Rogers, Ph.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Science in Exercise Science with an Exercise and Health Promotion emphasis](#)
- [Bachelor of Science in Exercise Science with a Pre-Physical Therapy emphasis](#)
- [Bachelor of Science in Exercise Science with a Pre-Occupational Therapy emphasis](#)
- [Bachelor of Science in Exercise Science with an Athletic Training emphasis](#)
- [Bachelor of Science in Exercise Science with a Sport and Exercise Psychology emphasis](#)
- [Bachelor of Science in Physical Education](#)
- [Bachelor of Science in Sport Management](#)

### Programs

- [Athletic Training/Fast Track](#)
- [Athletic Training Licensing](#)

### Bachelor of Science in Exercise Science with an emphasis in Exercise and Health Promotions

Prepares students for careers in fitness or clinical settings working with health, diseased, and injured populations.

#### A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

#### B. Major (30 hours)

- ESS1 hour activity course
- ESS1201 Introduction to Exercise and Sport Sciences
- ESS2310 Care and Prevention of Athletic Injuries
- ESS2314 Human Movement

- ESS3321 Management of Sport
- ESS3340 Motor Learning and Control
- ESS3341 Measurement and Evaluation in Exercise Physiology
- ESS3371 Physiology of Exercise
- ESS4380 Senior Research
- ESS4382 Life Span Motor Development
- 3 hours from
  - ESS3301 Advanced Care of Athletic Injuries
  - ESS3356 Sport Psychology
  - ESS4301 Biomechanics
  - ESS4361 Exercise Testing and Prescription I

## C. Emphasis (36 hours)

- BIO2402 Human Anatomy and Physiology II
- ESS4322 Sport and Exercise Nutrition
- ESS4350 Principles of Strength and Conditioning
- 21-24 hours (3-4 hours upper level) from BIO, CHE, EDS, EEL, ESS, HSC, PHY, PSY, or SOC
- 2-5 hours from
  - ESS4230 Internship in Exercise and Sport Sciences
  - ESS4330 Internship in Exercise and Sport Sciences
  - ESS4430 Internship in Exercise and Sport Sciences

## D. Electives (12 hours)

## E. Total (124 hours)

**Bachelor of Science in Exercise Science with an emphasis in Pre-Physical Therapy**

Equips students with prerequisite requirements to apply for physical therapy programs.

## A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

## B. Major (30 hours)

- ESS1 hour activity course
- ESS1201 Introduction to Exercise and Sport Sciences
- ESS2310 Care and Prevention of Athletic Injuries
- ESS2314 Human Movement
- ESS3321 Management of Sport
- ESS3340 Motor Learning and Control

- ESS3341 Measurement and Evaluation in Exercise Physiology
- ESS3371 Physiology of Exercise
- ESS4301 Biomechanics
- ESS4380 Senior Research
- ESS4382 Life Span Motor Development

## C. Emphasis (46-48 hours)

- BIO1405 Majors Biology I
- BIO1406 Majors Biology II
- BIO2402 Human Anatomy and Physiology II
- 3-4 upper level hours from BIO
- CHE1307 General Chemistry I
- CHE1107 General Chemistry I Lab
- CHE1308 General Chemistry II
- CHE1108 General Chemistry II Lab
- PHY1303 General Physics I
- PHY1103 General Physics I Lab
- PHY1304 General Physics II
- PHY1104 General Physics II Lab
- PSY2310 Lifespan Human Development
- 3 hours from
  - MAT3303 Probability and Statistics
  - PSY3310 Psychological Statistics
- ESS4361 Exercise Testing and Prescription I
- ESS4362 Exercise Testing and Prescription II
- 3-4 hours from
  - ESS4330 Internship in Exercise and Sport Sciences
  - ESS4430 Internship in Exercise and Sport Sciences

## D. Electives (2-4 hours)

## E. Total (126 hours)

**Bachelor of Science in Exercise Science with an emphasis in Pre-Occupational Therapy**

Equips students with prerequisite requirements to apply for occupational therapy programs.

## A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

## B. Major (30 hours)

- ESS1 hour activity course
- ESS1201 Introduction to Exercise and Sport Sciences
- ESS2310 Care and Prevention of Athletic Injuries
- ESS2314 Human Movement
- ESS3321 Management of Sport
- ESS3340 Motor Learning and Control
- ESS3341 Measurement and Evaluation in Exercise Physiology
- ESS3371 Physiology of Exercise
- ESS4301 Biomechanics
- ESS4380 Senior Research
- ESS4382 Life Span Motor Development

C. Emphasis (37-38 hours)

- BIO1405 Majors Biology I
- BIO1406 Majors Biology II
- BIO2402 Human Anatomy and Physiology II
- SOC1300 General Sociology
- PSY2310 Lifespan Human Development
- PSY3303 Abnormal Psychology
- 3 hours from
  - MAT3303 Probability and Statistics
  - PSY3310 Psychological Statistics
- ESS4361 Exercise Testing and Prescription I
- ESS4362 Exercise Testing and Prescription II
- 4 hours from
  - CHE1305 Inorganic Chemistry
  - CHE1105 Inorganic Chemistry Lab
  - CHE1307 General Chemistry I
  - CHE1107 General Chemistry I Lab
- 3-4 hours from
  - ESS4330 Internship in Exercise and Sport Sciences
  - ESS4430 Internship in Exercise and Sport Sciences

D. Electives (9-10 hours)

E. Total (123 hours)

### **Bachelor of Science in Exercise and Sport Science with an emphasis in Athletic Training**

Equips students with prerequisite requirements for specialized programs in athletic training.

A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I

- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

## B. Major (30 hours)

- ESS1 hour activity course
- ESS1201 Introduction to Exercise and Sport Sciences
- ESS2310 Care and Prevention of Athletic Injuries
- ESS2314 Human Movement
- ESS3321 Management of Sport
- ESS3340 Motor Learning and Control
- ESS3341 Measurement and Evaluation in Exercise Physiology
- ESS3371 Physiology of Exercise
- ESS4301 Biomechanics
- ESS4380 Senior Research
- ESS4382 Life Span Motor Development

## C. Emphasis (40-41 hours)

- BIO1405 Majors Biology I
- BIO1406 Majors Biology II
- BIO2402 Human Anatomy and Physiology II
- PHY1303 General Physics I
- PHY1103 General Physics I Lab
- ESS1270 First Aid and CPR
- ESS3301 Advanced Care of Athletic Injuries
- ESS4302 Therapeutic Rehabilitation and Modalities
- ESS4322 Sport and Exercise Nutrition
- ESS4361 Exercise Testing and Prescription I
- 3 hours from
  - MAT3303 Probability and Statistics
  - PSY3310 Psychological Statistics
- 3-4 hours from
  - ESS4330 Internship in Exercise and Sport Sciences
  - ESS4362 Exercise Testing and Prescription II
  - ESS4430 Internship in Exercise and Sport Sciences
- 4 hours from
  - CHE1305 Inorganic Chemistry
  - CHE1105 Inorganic Chemistry Lab
  - CHE1307 General Chemistry I
  - CHE1107 General Chemistry I Lab

## D. Electives (6-7 hours)

## E. Total (123 hours)

## Bachelor of Science in Exercise and Sport Science with an emphasis in Sport and Exercise Psychology

Equips students with prerequisite requirements for graduate counseling programs.

## A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature

- PSY1300 General Psychology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

B. Major (30 hours)

- ESS1 hour activity course
- ESS1201 Introduction to Exercise and Sport Sciences
- ESS2310 Care and Prevention of Athletic Injuries
- ESS2314 Human Movement
- ESS3321 Management of Sport
- ESS3340 Motor Learning and Control
- ESS3341 Measurement and Evaluation in Exercise Physiology
- ESS3371 Physiology of Exercise
- ESS4380 Senior Research
- ESS4382 Life Span Motor Development
- 3 hours from
  - ESS3301 Advanced Care of Athletic Injuries
  - ESS4301 Biomechanics
  - ESS4322 Sport and Exercise Nutrition
  - ESS4350 Principles of Strength and Conditioning
  - ESS4361 Exercise Testing and Prescription I

C. Emphasis (40-41 hours)

- BIO2402 Human Anatomy and Physiology II
- ESS3324 Sport in Society
- ESS3335 Exercise Psychology
- ESS3356 Sport Psychology
- PSY2310 Life Span Human Development
- PSY3303 Abnormal Psychology
- 6 upper level from PSY
- SOC1300 General Sociology
- 9 hours from PSY, SOC, or HSC
- 3-4 hours from
  - ESS4330 Internship in Exercise and Sport Sciences
  - ESS4430 Internship in Exercise and Sport Sciences

D. Electives (6-7 hours)

E. Total (123 hours)

### Athletic Training Licensure

The athletic training licensing program meets the requirements of the Texas Department of Health for state licensing. Admission to the program is based on the following criteria.

- Submission of an application, high school and college academic records, a resume, and 2 letters of recommendation
- Vacancies in current staff
- Previous athletic training experience is preferred
- Completion of an interview with athletic training faculty/staff
- Students of the university seeking eligibility for the athletic training license issued by [Texas Department of Licensing and Regulation \(TDLR\)](#) must meet the following requirements and pass a criminal background check
- Earned baccalaureate degree

- Successful completion of BIO 2401, BIO 2402, ESS 1200, ESS 1270, ESS 2310, ESS 2314, ESS 3301, ESS 3371 and ESS 4302
- Successful completion of an apprenticeship program directed by the Lubbock Christian University licensed athletic trainer, which consists of 1800 clock hours conducted during a minimum of 5 fall and/or spring semesters
- Current certification in standard first aid and adult cardiopulmonary resuscitation
- Successful completion of the Texas Athletic Trainer Written Examination and the Texas Athletic Trainer Practical Examination

Students completing this program will be certified only in the state of Texas. Students interested in national certification should refer to the Exercise Science section of this catalog.

### **Athletic Training Emphasis Fast Track**

The university has an affiliation with the Texas Tech University Health Science Center (TTUHSC) School of Health Professions (SHP) that provides outstanding athletic training students an opportunity to complete a bachelor's and a master's degree in five years. Upon completion of the 109 hour program of study, students apply for provisional admission to the TTUHSC SHP Master of Athletic Training Program. Students admitted to the graduate program may transfer the necessary elective hours back to the LCU to fulfill requirements for the Bachelor of Science Degree. Important Note: Students admitted provisionally at TTUHSC SHP are not eligible for federal aid until the B.S. degree is complete. For more information, contact SHP Office of Admissions and Student Affairs, 806-743-3220 or [health.professional@ttuhsc.edu](mailto:health.professional@ttuhsc.edu). Students successfully completing both programs would be eligible to sit for the examination for state licensing and the examination for national certification as an athletic trainer. Specific requirements for Athletic Training Emphasis/Fast-Track are as follows.

#### A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

#### B. Major (23 hours)

- ESS1201 Introduction to Exercise Science and Sport Sciences
- ESS2310 Care and Prevention of Athletic Injuries
- ESS2314 Human Movement
- ESS3340 Motor Learning and Control
- ESS3341 Measurement and Evaluation in Exercise Physiology
- ESS3371 Physiology of Exercise
- ESS4301 Biomechanics
- ESS4382 Life Span Motor Development

#### C. Emphasis (40 hours)

- BIO1405 Majors Biology I
- BIO1406 Majors Biology II
- BIO2402 Human Anatomy and Physiology II

- PHY1303 General Physics I
- PHY1103 General Physics I Lab
- ESS1270 First Aid and CPR
- ESS3301 Advanced Care of Athletic Injuries
- ESS4302 Therapeutic Rehabilitation and Modalities
- ESS4322 Sport and Exercise Nutrition
- ESS4361 Exercise Testing and Prescription I
- 3 hours from
  - MAT3303 Probability and Statistics
  - PSY3310 Psychological Statistics
- 3 hours from
  - ESS4330 Internship in Exercise Science
  - ESS4462 Exercise Testing and Prescription II
- 4 hours from
  - CHE1305 Inorganic Chemistry
  - CHE1105 Inorganic Chemistry Lab
  - CHE1307 General Chemistry I
  - CHE1107 General Chemistry I Lab

D. Electives (14 hours taken at Texas Tech)

E. Total (123 hours)

### **Bachelor of Science in Physical Education**

Prepares students to take the Texas Examinations of Educator Standards (TExES) in All-level Physical Education and in All-level Pedagogy and Professional Responsibility. Students must meet requirements of the Department of Exercise and Sport Sciences, the Educator Certification Program and the State Board for Educator Certification (SBEC).

A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
  - EDU3350 Educational Psychology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

B. Major (34 hours)

- ESS1201 Introduction to Exercise and Sport Sciences
- ESS2310 Care and Prevention of Athletic Injuries
- ESS2312 Team, Individual, and Outdoor Educational Activities
- ESS2314 Human Movement
- ESS3321 Management of Sport
- ESS3332 Foundations of Secondary Physical Education
- ESS3340 Motor Learning and Control

- ESS3371 Physiology of Exercise
- ESS4230 Internship in Exercise and Sport Sciences
- ESS4300 Foundations of Elementary Physical Education
- ESS4380 Senior Research
- ESS4382 Life Span Motor Development

C. Supporting Courses (19 hours)

- BIO2402 Human Anatomy and Physiology II
- 3 hours from
  - EEL2310 Teachers, Schools, and Society
  - EDS2310 Foundations of Education
  - EDS2320 Instructional Technology
- 12 hours from an advisor approved secondary academic specialization or ESS

D. Pedagogy and Professional Responsibility (24 hours)

- ESP3382 The Exceptional Child

Methods Block

- 3 hours from
  - EDS4340 Reading/Writing/Thinking in Secondary and Middle School
  - REA3340 Reading/Writing Connection
  - REA4350 Practical Applications to Reading
- EDS4330 Managing Diverse Classrooms
- EDS4350 Design and Delivery

Clinical Teaching Block

- EDS4310 Assessment and Evaluation
- EDS4360 Seminar in Education
- EDS4660 Student Teaching

E. Electives (3 hours)

F. Total (126 hours)

## Bachelor of Science in Sport Management

Prepares students for careers in the financial, business, and marketing side of athletics and fitness including promotion, advertising, merchandising, and distribution.

A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO2401 Human Anatomy and Physiology I

- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

## B. Major (34-36 hours)

- ESS1 hour Activity Courses
- ESS1201 Introduction to Exercise and Sport Sciences
- ESS2312 Team, Individual, and Outdoor Educational Activities
- ESS2314 Human Movement
- ESS3321 Management of Sport
- ESS3340 Motor Learning and Control
- ESS3341 Measurement and Evaluation in Exercise Physiology
- ESS3371 Physiology of Exercise
- ESS4230 Internship in Exercise and Sport Sciences
- ESS4380 Senior Research
- ESS4382 Life Span Motor Development
- 2-3 hours from
  - ESS1270 First Aid and CPR
  - ESS2310 Care and Prevention of Athletic Injuries
- 3-4 hours from
  - ESS4301 Biomechanics
  - ESS4330 Internship in Exercise and Sport Sciences
  - ESS4350 Principles of Strength and Conditioning
  - ESS4430 Internship in Exercise and Sport Sciences

## C. Supporting Courses (31 hours)

- ACC2301 Principles of Accounting I
- BIO2402 Human Anatomy and Physiology II
- BUA3305 Principles of Marketing
- ECO2301 Macroeconomics
- IST2300 Microcomputer Applications
- MGT3300 Principles of Management
- 3 hours from
  - COM2351 Introduction to Public Relations
  - COM3354 Advertising
- 9 hours, 3 upper level from ACC, BUA, COM, DMA, FIN, IST, or MGT

## D. Electives (10-12 hours)

## E. Total (123 hours)

**Minor in Exercise and Sport Sciences**

20 hours

- ESS1270 First Aid and CPR
- ESS2310 Care and Prevention of Athletic Injuries
- ESS3340 Motor Learning and Control
- ESS4350 Principles of Strength and Conditioning
- 3 hours from
  - ESS3371 Physiology of Exercise
  - ESS4382 Life Span Motor Development
- 6 hours from
  - ESS2314 Human Movement
  - ESS3321 Management of Sport
  - ESS3335 Exercise Psychology or ESS 3356 Sport Psychology
  - ESS3371 Physiology of Exercise
  - ESS4322 Sport and Exercise Nutrition
  - ESS4382 Life Span Motor Development

Print This Minor

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## Honors College

The University Honors College provides students of high academic ability in all majors an opportunity to enhance their college educational experience with challenging and provocative courses as well as opportunities for cultural enrichment, semester internships, and study abroad programs. Honors faculty, the honors dean, and the honors assistant dean, comprise the Honors Advisory Council, which plans and executes extracurricular activities, including luncheons, service projects, and cultural events. Selected alumni and friends of the Honors College comprise the Honors College Advisory Board, which provides strategic advice and feedback about the program.

### Benefits

- Additional honors academic scholarships
- Intellectually challenging interdisciplinary curriculum
- Small classes with the honors professors
- Distinctive transcript and diploma designation as Honors College Scholar or Honors College Graduate
- Research presentation and publishing opportunities
- Participation in local, regional, and national conferences
- Priority access to study abroad opportunities
- Priority placement in prestigious semester internship programs
- Eligibility for prominent graduate studies fellowships
- Enhanced opportunities for graduate and professional school

### Affiliations

- Council on Undergraduate Research
- National Collegiate Honors Council
- Great Plains Honors Council
- National Association of Fellowship Advisors
- The Washington Center for Internships and Academic Seminars

### Faculty

- Stacy Patty, Ph.D., Dean
- Amanda Boston, Ph.D.
- Cathy Box, Ph.D.
- Tim Byars, J.D.
- Carole Carroll, Ph.D.
- Russell Dabbs, Ph.D.
- Kregg Fehr, Ph.D.
- Jennifer Hardin, Ph.D.
- Yvonne Harwood, M.A.
- Kenneth Hawley, Ph.D.
- Steven Lemley, Ph.D.
- Gonzalo Ramirez, Ph.D.
- Byron Rogers, Ph.D.
- Mark Sneed, Ph.D.

### Admission Requirements

Applications for the Honors College must complete the online Honors College Application. Acceptance in the Honors College is based on the following criteria:

#### First-Time Freshmen:

- ACT composite score of 27 or higher, SAT Critical Reading and Math score of 1210, or SAT16 English and Math scores of 1290 or higher;
- High school record of coursework and extracurricular activities, and
- Online application essay.

#### Transfer Students:

- ACT composite score of 27 or higher, SAT Critical Reading and Math score of 1210, or SAT16 English and Math scores of 1290 or higher and an overall GPA of 3.5 or higher; or
- Completion of 12-15 honors hours of honors courses from a two-year college honors program with an overall GPA of 3.5 or higher; and
- Online application essay.

#### Current Students

- ACT composite score of 25 or higher, SAT Critical Reading and Math score of 1130, or SAT16 English and Math scores of 1220 or higher;
- Written recommendation of a faculty member to the Honors College dean; and
- Online application essay.

Honors applicants who meet these criteria are reviewed by a faculty committee and may be offered admission into the Honors College. Scholarship amounts for Honors College students are determined after a review of the complete honors application package.

### Honors Tracks

Qualifying students from any major can be admitted into the Honors College. Honors students select from two academic tracks in the Honors College curriculum.

#### Honors College Graduate (24 hours)

- 6 hours from BIB Honors Courses (3 hours for Bible Majors)
- 3 hours from ENG Honors Courses
- 3 hours from HIS Honors Courses
- 12 hours from Honors Courses (15 hours for Bible Majors)

#### Honors College Scholar (30 hours)

- 6 hours from BIB Honors Courses (3 hours for Bible Majors)
- 3 hours from ENG Honors Courses
- 3 hours from HIS Honors Courses
- 12 hours from Honors Courses (15 hours for Bible Majors)
- Completion of Honors Thesis Program

### Honors Thesis Program

To graduate as an Honors College Scholar, students must complete the Honors Thesis Program. Students must apply and be accepted to the Honors Thesis Program before earning 90 credit hours or one year prior to graduation.

The Honors Thesis Program requires students to complete HON 1154 (Freshman Honors Seminar), HON 3154 (Junior Honors Seminar), and HON 4182 (Honors Thesis). HON 3154 and 4182 are taken concurrently.

### Advanced Credit for Honors Courses

Students who enter the honors program will receive advanced standing credit as follows.

- English 1301. Automatic credit if students have earned at least a 28 on the English portion of the ACT or 670 on the critical reading portion of the SAT.
- English 1302. Contingent credit is given if students have earned at least 28 on the English portion of the ACT or 670 on the SAT Critical Reading test, or have earned credit for ENG 1301 by taking it prior to admission to the university, or by passing the ENG 1301 CLEP test. Students who pass the honors core English course, HON 2307, with a grade of B or better will receive credit for English 1302 as well. Students who do not earn a B or better in HON 2307 must enroll in ENG 1302 in a subsequent semester.
- English 1301 and 1302. Credit is given for a pass rate of 80% or better on the Freshman College Composition CLEP exam. Students who do not have at least a 28 on the English portion of the ACT have the option to take these examinations.
- Math 1311. Automatic credit if students have earned at least a 28 on the math portion of the ACT or 670 on the Math portion of the SAT.

**Transfer Policy**

Only courses that are accepted as honors credit will apply toward the 24 hour honors course requirement. Students with 60 or more hours of credit must complete a minimum of 12 hours of honors courses offered at the university to be named Honors College Graduates. Students with 60 or more hours of credit must complete a minimum of 12 hours of honors courses offered at the university and the Honors Thesis Program to be named Honors College Scholars.

**Minor in Honors Studies**

The Honors Studies Minor is interdisciplinary. Students from outside the Honors College may pursue this minor. Lower level courses must be Honors (HON or (H)). Upper level courses must be Honors (HON or (H)) or contracted as Honors courses. See Honors College personnel for more information.

- Completion of 18 semester hours, 9 of which must be upper level
- No more than 12 semester hours from the major may be counted toward the minor
- At least 6 semester hours not directly related to the major
- Completion of the minor with at least a 3.0 grade point average

## Department of Humanities

### Faculty

- Ronna Privett, Ph.D., Chair
- Shenai Alonge, M.A.
- Jana Anderson, M.A.
- Susan Blassingame, Ph.D.
- Matt Byars, Ph.D.
- Tim Byars, J.D.
- Carole Carroll, Ph.D.
- Kregg Fehr, Ph.D.
- Kenneth Hawley, Ph.D.
- Micah Heatwole, M.A.
- Keith Owen, Ph.D.
- Michael Whitley, Ph.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Arts in Humanities](#)
- [Bachelor of Arts in English](#)
- [Bachelor of Arts in History](#)

### Bachelor of Arts in Humanities

#### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- HIS2301 History of the United States I
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- UNI2000 University Skills
- MAT1311 College Algebra
- 3 hours from
  - GOV2301 National Government
  - GOV2302 Texas State and Local Government
- 3 hours from BIO, CHE, NRC or PHY
- 3 hours from AFA 2350 or History of ART, THA, or MUS
- 3 hours from REL 3301 or upper level PHI

#### B. Major (30 hours)

- HUM2300 Exploring the Human Experience
- ENG2301 Masterpieces of Literature
- HIS1315 World History and Geography I
- HIS1316 World History and Geography II
- HIS2302 History of the United States II
- 6 hours upper level ENG
- 3 hours upper level HIS

- 3 hours upper level GOV
- HUM4380 Senior Research

## C. Supporting Courses (17-19 hours)

- 6-8 hours in FOL
- 3 hours from BIO, CHE, NRC, or PHY
- 3 hours in HSC, PSY, or SOC
- 3 hours from ACC, BUA, ECO, FIN 2301 or other FIN
- 2 hours from ESS 1270 First Aid and CPR or 2 activity courses

## D. Specialization or Minor (18 hours)

- Specialization
  - 18 hours from one area, 12 of which must be upper level
- Minor
  - 18 hours as defined by minor department

## E. Electives (14-16 hours)

## F. Total (126 hours)

**Bachelor of Arts in English**

## A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- HIS2301 History of the United States I
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- UNI2000 University Skills
- MAT1311 College Algebra
- 3 hours from
  - GOV2301 National Government
  - GOV2302 Texas State and Local Government
- 3 hours from BIO, CHE, NRC or PHY
- 6 hours from
  - AFA2350 Introduction to Fine Arts or History of Art, Music, or Theater
  - REL3301 World Religions or upper level PHI
  - HUM2300 Exploring the Human Experience

## B. Major (39 hours)

- ENG2301 Masterpieces of Literature
- ENG3304 Advanced Composition
- ENG3307 Classical and Contemporary Rhetoric
- ENG3317 Approaches to Advanced Grammar
- 3 hours from upper level ENG

## Creative Writing Emphasis

- ENG3302 Introduction to English Studies

- ENG3305 Introduction to Creative Writing
- ENG4304 Fiction Writing Workshop
- ENG4308 Poetry Writing Workshop
- 9 hours from upper level ENG
- HUM4380 Senior Research

## Literature Emphasis

- ENG3302 Introduction to English Studies
- 6 hours from
  - ENG3311 American Novel
  - ENG3313 American Literature to 1890
  - ENG3321 African-American Literature
  - ENG3322 American Literature since 1890
- 6 hours from
  - ENG4315 British Writers to 1800
  - ENG4316 English Novel
  - ENG4323 British Writers since 1800
  - ENG4324 Shakespeare
- 6 hours from upper level ENG
- HUM4380 Senior Research

## Professional Writing Emphasis

- ENG3308 Technical Writing
- ENG3310 Writing Grant Proposals
- ENG3318 Rhetoric of Design
- 12 hours from
  - COM2351 Introduction to Public Relations
  - DMA2344 Multimedia Design
  - DMA3342 Document Design
  - IST3351 Web Design
  - Up to 6 hours upper level ENG
- HUM4330 Internship

## Journalism Emphasis

- COM1351 Principles of Mass Media
- ENG3305 Introduction to Creative Writing
- 6 hours from upper level GOV or HIS
- 9 hours from
  - COM1101, 2101 Yearbook
  - COM1105, 2105 Campus Newspaper
  - COM3301 Sports Writing and Reporting
  - COM3343 News Reporting
  - Up to 6 hours upper level ENG
- HUM4330 Internship

## C. Supporting Courses (23-25 hours)

- 6-8 hours from FOL
- 3 hours upper level HIS
- 3 hours upper level GOV
- 2 hours from ESS 1270 First Aid and CPR or activity courses
- 6 hours from
  - HIS1315 World History and Geography I
  - HIS1316 World History and Geography II
  - HIS2302 History of the United States II
- 3 hours from
  - FIN2301 Personal Financial Planning

- ECO

D. Minor or Electives (17-19 hours)

E. Total (126 hours)

## Bachelor of Arts in History

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- HIS2301 History of the United States I
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- UNI2000 University Skills
- MAT1311 College Algebra
- 3 hours from
  - GOV2301 National Government
  - GOV2302 Texas State and Local Government
- 3 hours from BIO, CHE, NRC or PHY
- 6 hours from
  - AFA2350 Introduction to Fine Arts or History of Art, Music, or Theater
  - REL3301 World Religions or upper level PHI
  - HUM2300 Exploring the Human Experience

B. Major (36 hours)

- HIS2302 History of the United States II
- HIS1315 World History and Geography I
- HIS1316 World History and Geography II
- HUM4380 Senior Research
- 12 hours from
  - HIS3310 History of Asia
  - HIS3320 History of Africa
  - HIS3323 Ancient History
  - HIS3330 History of Latin America
  - HIS4325 History of England to 1714
  - HIS4326 Modern Europe 1715 to the Present
- 12 hours from
  - HIS2350 History of Texas
  - HIS3313 Colonial America
  - HIS3315 Jeffersonian and Jacksonian America
  - HIS4302 Civil War and Reconstruction
  - HIS4305 American Society and Religion
  - HIS4313 The Gilded Age through the Jazz Age
  - HIS4314 Recent America

C. Supporting Courses (23-25 hours)

- ENG2301 Masterpieces of Literature
- GEG2300 Regional Geography of the World

- 3 hours from FIN 2301 Personal Financial Planning or ECO
- 6-8 hours FOL
- 3 hours upper level ENG
- 3 hours upper level GOV
- 2 hours from ESS 1270 First Aid and CPR or 2 activity courses

D. Minor or Electives (20-22 hours)

E. Total (126 hours)

### **Pre-Law**

Enroll in B.A. in Humanities with Pre-law as specialization.

### **Minor in Creative Writing**

- ENG3304 Advanced Composition
- ENG3305 Creative Writing
- ENG4304 Fiction Writing Workshop
- ENG4308 Poetry Writing Workshop
- 6 hours from ENG writing courses

### **Minor in English**

- 18 hours from ENG (9 upper level)

### **Minor in History**

- 12 hours upper level HIS
- 6 hours from
  - HIS2301 History of the United States I; and
  - HIS2302 History of the United States II; or
  - HIS1315 World History and Geography I; and
  - HIS1316 World History and Geography II

### **Minor in Humanities**

- HUM2300 Exploring the Human Experience
- 3 hours upper level ENG
- 3 hours upper level HIS
- 3 hours upper level GOV
- 6 hours from ENG, GOV, HIS, HUM, PHI, or Arts History

### **Minor in Law and Government**

- 18 hours (12 upper level)
  - 12 hours GOV
  - 6 hours from
    - CRJ
    - GOV
    - BUA4301 Business Law

## Department of Mathematics

### Faculty

- Keith Rogers, Ed.D., Chair
- Ashley Cherry, Ph.D.
- Brian Fisher, Ph.D.
- David Joyner, M.A.
- Ann Sims, M.A.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Arts in Mathematics](#)
- [Bachelor of Science in Mathematics](#)
- [Bachelor of Arts in Mathematics with Emphasis in Pre-Engineering](#)

### Bachelor of Arts in Mathematics

#### A. University Core (47 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1402 Analytical Geometry and Calculus I
- 4 hours from
  - BIO1405 Majors Biology I
  - CHE1307 General Chemistry I
  - CHE1107 General Chemistry I Lab
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

#### B. Major (32 hours)

- MAT1403 Analytical Geometry and Calculus II
- MAT2404 Analytical Geometry and Calculus III
- MAT3303 Probability and Statistics
- MAT3305 Foundations of Mathematics I
- MAT3306 Differential Equations
- MAT3350 Linear Algebra
- MAT3351 Intermediate Analysis
- MAT3353 Numerical Analysis
- MAT4351 Modern Algebra
- 3 hours from upper level MAT

#### C. Supporting Courses (28 hours)

- 1 hour from ESS Activity Course

- IST2300 Microcomputer Applications
- IST3300 Advanced Spreadsheet Design
- ENG3308 Technical Writing
- 4 hours from
  - BIO1406 Majors Biology II
  - CHE1308 General Chemistry II
  - CHE1108 General Chemistry II Lab
- 3 hours from upper level ENG or HIS
- PHY1303 General Physics I
- PHY1103 General Physics I Lab
- PHY1304 General Physics II
- PHY1104 General Physics II Lab
- GOV2302 Texas State and Local Government

D. Electives (15 hours)

E. Total (122 hours)

### Bachelor of Science in Mathematics

A. University Core (47 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- UNI1170 University Seminar
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- MAT1402 Analytical Geometry and Calculus I
- 4 hours from
  - BIO1405 Majors Biology I
  - CHE1307 General Chemistry I
  - CHE1107 General Chemistry I Lab
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

B. Major (32 hours)

- MAT1403 Analytical Geometry and Calculus II
- MAT2404 Analytical Geometry and Calculus III
- MAT3303 Probability and Statistics
- MAT3305 Foundations of Mathematics I
- MAT3306 Differential Equations
- MAT3350 Linear Algebra
- MAT3351 Intermediate Analysis
- MAT3353 Numerical Analysis
- MAT4351 Modern Algebra
- 3 hours in upper level MAT

C. Supporting Courses (31 hours)

- 1 hour from ESS Activity Courses

- 4 hours from
  - BIO1406 Majors Biology II
  - CHE1308 General Chemistry II
  - CHE1108 General Chemistry II Lab
- 6 hours upper level CHE
- IST2300 Microcomputer Applications
- IST3300 Advanced Spreadsheet Design
- ENG3308 Technical Writing
- ENG3310 Grant Writing
- PHY1303 General Physics I
- PHY1103 General Physics I Lab
- PHY1304 General Physics II
- PHY1104 General Physics II Lab

D. Electives (12 hours)

E. Total (122 hours)

### **Educator Certification in Mathematics**

Students planning to certify to teach are required to take the following courses in addition to the Bachelor of Arts or Science requirements outlined above. Refer to the educator certification section of this catalog for other requirements.

Pedagogy and Professional Responsibility (6 hours)

- 3 hours from
  - EDS2310 Foundations of Education
  - EDS2320 Instructional Technology
  - EEL2310 Teachers, Schools, and Society
- ESP3382 The Exceptional Child

Methods Block (9 hours)

- 3 hours from
  - EDS4340 Reading/Writing/Thinking in Secondary and Middle School
  - REA3340 Reading Writing Connection
  - REA4350 Practical Applications to Reading
- EDS4330 Managing Diverse Classrooms
- EDS4350 Design and Delivery

Clinical Teaching Block (12 hours)

- EDS4310 Assessment and Evaluation
- EDS4360 Seminar in Education
- EDS4660 Student Teaching

### **Bachelor of Arts in Mathematics with an Emphasis in Pre-Engineering**

The university is part of a cooperative program that enables its students to earn a BA in Mathematics with an emphasis in pre-engineering and a BS in Engineering from Texas Tech University (TTU) or West Texas A&M University (WTAMU). The first five semesters are taken at Lubbock Christian University and the remaining semesters are taken at one of the partnership universities. The BS in Engineering from TTU or WTAMU must first be earned to apply for the Lubbock Christian University degree.

During the second year at Lubbock Christian University, students must apply for and obtain admission to the TTU or WTAMU engineering programs. Other courses may be advised by TTU or WTAMU when a field of engineering is selected. Deviations or substitutions must be approved by the program coordinator at Lubbock Christian University.

A. University Core (41 hours)

- BIB1310 Introduction to the Old Testament

- BIB1320 Introduction to the New Testament
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1402 Analytical Geometry and Calculus I
- CHE1307 General Chemistry I
- CHE1107 General Chemistry I Lab
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

## B. Major (20 hours)

- MAT1403 Analytical Geometry and Calculus II
- MAT2404 Analytical Geometry and Calculus III
- MAT3303 Probability and Statistics
- MAT3306 Differential Equations
- MAT3350 Linear Algebra
- 3 hours from upper level MAT

## C. Emphasis (24 hours)

- CHE1308 General Chemistry II
- CHE1108 General Chemistry II Lab
- GOV2302 Texas State and Local Government
- IST1350 Programming and Logic
- 3 hours from
  - MAT1312 Trigonometry
  - MAT1313 Pre-Calculus
- PHI3305 Ethics
- PHY2301 Engineering Physics I
- PHY2101 Engineering Physics I Lab
- PHY2302 Engineering Physics II
- PHY2102 Engineering Physics II Lab

## D. Electives (35 hours from engineering programs at TTU or WTAMU, 24 hours upper level)

## E. Total (120 hours)

**Minor in Mathematics**

(20 hours)

- MAT 1313 Pre-Calculus Mathematics
- MAT 1402 Analytical Geometry and Calculus I
- MAT 1403 Analytical Geometry and Calculus II
- 9 hours from
  - MAT 2404 Analytical Geometry and Calculus III
  - MAT 3303 Probability and Statistics
  - MAT 3305 Foundations of Mathematics I
  - MAT 3306 Differential Equations
  - MAT 3350 Linear Algebra
  - MAT 3353 Numerical Analysis

## Military Science Program

Students may pursue a four-year program of instruction that will lead to officer commissioning in the United States Army, in conjunction with earning any baccalaureate degree. See Army ROTC personnel at Texas Tech for qualifications and commissioning plan.

### Air Force ROTC Course of Study

A. Basic Courses (first and second years - 4 hours)

- AES 1105 Foundations of the United States Air Force I
- AES 1106 Foundations of the United States Air Force II
- AES 2103 The Evolution of USAF Air and Space Power I
- AES 2104 The Evolution of USAF Air and Space Power II

B. Advanced Courses (third and fourth years - 12 hours)

- AES 3305 Air Force Leadership Studies I
- AES 3306 Air Force Leadership Studies II
- AES 4303 National Security Affairs and Preparation for Active Duty I
- AES 4304 National Security Affairs and Preparation for Active Duty II

Each class has a corresponding no-credit leadership lab that meets weekly. All classes and labs meet on the Texas Tech Campus.

[Print This Program](#)

## Aerospace Studies

Students may pursue a four-year program of instruction that will lead to officer commissioning in the United States Air Force, in conjunction with earning a baccalaureate degree. See Air Force ROTC personnel at Texas Tech for qualifications and commissioning plan.

## Department of Natural Sciences

### Faculty

- Andy Laughlin, Ph.D., Chair
- Iona Baldrige, Ed.D.
- Rod Blackwood, Ph.D.
- Bart Durham, Ph.D.
- Caren Fullerton, Ph.D.
- Donna Harman, M.Ed.
- Kirt Martin, Ph.D.
- Lucy Porter, M.S.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Science in Animal Science](#)
- [Bachelor of Science in Animal Science with a Pre-Veterinary Emphasis](#)
- [Bachelor of Science in Natural Resources Ecology and Conservation](#)
- [Bachelor of Arts in Biology](#)
- [Bachelor of Science in Biology](#)

### Programs

- [Pre-Health Professions](#)
- [Pre-Dental](#)
- [Pre-Medical](#)

### Introduction

The Department of Natural Sciences includes biological, ecological, and agricultural sciences. The scientific study of the diversity of organisms, including microbes, plants, animals, and humans and the interrelationships among these provide abundant opportunities for scientific careers in research, human health, animal health and production, environmental health and management, and science education. The department bases its approach to the study of science on the biblical view that God is the creator and sustainer of the universe. Students taking courses in the department are introduced to major concepts of biology, ecology, and agriculture such that they can discover and interpret the characteristics of nature as part of the creation of God. Students learn that science is not merely a collection of facts to be memorized, but a process by which to understand the world. Students are equipped to be successful with the skills of careful observation, critical thinking, careful investigation, and effective communication. Major emphases include:

### Animal Science and Pre-Veterinary Medicine

The pre-veterinary science degree equips students for a career in veterinary medicine with specialized training in animal physiology and reproduction, as well as research procedures and techniques.

### Health Professions

The department offers information-intensive, research-supplemented, and service-oriented programs to prepare students for medicine, dentistry, pharmacy, physician assistant, veterinary medicine, and the allied health sciences such as physical therapy, occupational therapy, optometry, and chiropractic science. Students majoring in pre-medicine and pre-dentistry will seek the Bachelor of Science in Biology, while students majoring in pre-pharmacy, pre-PA, or any of the allied health sciences will pursue the Bachelor of Arts in Biology.

### Natural Resource Ecology and Conservation

The degree in Natural Resources Ecology and Conservation provides students with a broad background in natural resources management and conservation with specific emphasis in ecology, wildlife and fisheries management, conservation biology, and environmental science. Students completing this program will be prepared for graduate education or for employment with governmental and private agencies that are directly involved in managing our natural resources. Examples of employment

include Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, and private environmental consulting.

## Science Education

Science content courses are taken by students preparing to teach biological sciences at the primary and secondary levels. Students seeking a degree in science education through the school of education must complete a designated block of science courses and demonstrate competency in science pedagogy.

## Undergraduate Research

Field research projects and research in the biotechnology and microbiology labs prepare graduates of the department to enter graduate research programs. Research projects within the department and the biochemistry research lab provide opportunities for student involvement in research and to gain experience in multiple laboratory techniques and procedures.

## Bachelor of Science in Animal Science

### A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO1405 Majors Biology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

### B. Major (37 hours)

- ANS1303 Principles of Animal Science
- ANS3403 Advanced Feeds and Nutrition
- ANS3314 Physiology of Farm Animals
- ANS3323 Physiology of Reproduction
- ANS4313 Concepts in Animal Health and Disease
- BIO1406 Majors Biology II
- BIO4318 Biometrics
- NRC2301 Natural Resources and Agriculture
- NRC3323 General Ecology
- NRC4200 Senior Seminar
- NRC4314 Conservation Biology
- 3 hours from
  - AEC3315 Agricultural Policy
  - NRC3322 Natural Resources Policy, Regulation, and Compliance

### C. Supporting Courses (37 hours)

- CHE1307 General Chemistry I
- CHE1107 General Chemistry I Lab
- BIO3300 Genetics
- BIO3305 Advanced Zoology

- NRC1300 Introduction to Wildlife Management
- 3 hours from MAT
- 3 hours from
  - AEC3304 Farm and Ranch Management
  - AEC3312 Natural Resources Economics
- 18 hours from
  - AGR1304 Principles of Soil Science
  - ANS4330 Animal Science Practicum
  - ANS4352 Special Topics in Animal Science
  - ANS4399 Research and Writings
  - BIO3303 Cell and Molecular Biology
  - BIO3304 Advanced Botany
  - BIO3310 Microbiology
  - BIO3111 Microbiology Lab
  - BIO3320 Analytical Biology
  - BIO3325 Entomology
  - BIO4112 Animal Physiology Lab
  - BIO4303 Evolution
  - CHE2402 Integrated Organic and Biochemistry
  - ENG3308 Technical Writing
  - IST3323 Geographic Information Systems
  - NRC2300 Environmental Systems
  - NRC3325 Aquatic Ecology and Conservation
  - NRC3333 Geographic Information Systems

D. Electives (6 hours)

E. Total (126 hours)

## **Bachelor of Science in Animal Science with Pre-Veterinary Emphasis**

A. University Core (47 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1402 Calculus
- BIO1405 Majors Biology I
- ENG3308 Technical Writing
- 3 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

B. Major (38 hours)

- ANS1303 Principles of Animal Science
- ANS3314 Physiology of Farm Animals
- ANS3323 Physiology of Reproduction
- ANS3403 Advanced Feeds and Nutrition
- ANS4352 Special Topics

- BIO3310 Microbiology
- BIO3111 Microbiology Lab
- BIO3300 Genetics
- BIO3303 Cell and Molecular Biology
- BIO3305 Advanced Zoology
- BIO3320 Analytical Biotechnology
- BIO3406 Vertebrate Anatomy
- NRC4200 Senior Seminar

C. Supporting Courses (33 hours)

- CHE1307 General Chemistry I
- CHE1107 General Chemistry I Lab
- CHE1308 General Chemistry II
- CHE1108 General Chemistry II Lab
- CHE3301 Organic Chemistry I
- CHE3101 Organic Chemistry I Lab
- CHE3302 Organic Chemistry II
- CHE3102 Organic Chemistry II Lab
- CHE4311 Biochemistry I
- CHE4312 Biochemistry II
- MAT3303 Probability and Statistics
- PHY1303 Physics I
- PHY1103 Physics I Lab
- PHY1304 Physics II
- PHY1104 Physics II Lab

D. Electives (8 hours)

E. Total (126 hours)

## **Bachelor of Science in Natural Resources Ecology and Conservation**

A. University Core (46 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- BIO1405 Majors Biology I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI2000 University Skills

B. Major (37 hours)

- AGR1304 Principles of Soil Science
- BIO1406 Majors Biology II
- BIO3304 Advanced Botany
- BIO4318 Biometrics

- NRC1300 Introduction to Wildlife Management
- NRC2300 Environmental Systems
- NRC3322 Natural Resources Policy, Regulation, and Compliance
- NRC3323 General Ecology
- NRC3325 Aquatic Ecology and Conservation
- NRC4200 Senior Seminar
- NRC4314 Conservation Biology
- NRC4405 Wildlife and Fisheries Science

B. Supporting Courses (37 hours)

- AEC3312 Natural Resources Economics
- BIO3300 Genetics
- BIO3305 Advanced Zoology
- CHE1307 General Chemistry I
- CHE1107 General Chemistry I Lab
- NRC3333 Geographic Information Systems or IST 3323 Geographic Information Systems
- 3 hours from MAT
- 12 hours from ANS, BIO, CHE, CRJ, ENG, or NRC
- 6 upper level hours from ANS, BIO, CHE, CRJ, ENG, or NRC

D. Electives (6 hours)

E. Total (126 hours)

## Bachelor of Arts in Biology

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- PSY1300 General Psychology
- HIS2301 History of the United States I
- HIS2302 History of the United States II
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- CHE1307 General Chemistry I
- 3 hours from SOC or PSY
- UNI2000 University Skills

B. Major (32 hours)

- BIO 1405 Majors Biology I
- BIO 1406 Majors Biology II
- BIO 2401 Human Anatomy and Physiology I
- BIO 2402 Human Anatomy and Physiology II
- BIO 4102 Biological Literature and Seminar
- 15 hours upper level BIO

C. Supporting Courses (46 hours)

- 3 hours from MAT
- CHE 1107 General Chemistry I Lab
- CHE 1308 General Chemistry II

- CHE 1108 General Chemistry II Lab
- 12 hours from CHE or PHY (4 upper level)
- 9 hours upper level from PSY, SOC, or ECO
- GOV 2301 National Government
- GOV 2302 Texas State and Local Government
- 8 hours from FOL
- 3 hours upper level ENG

D. Electives (3 hours)

E. Total (126 hours)

## Bachelor of Science in Biology

A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- 3 hours from
  - PSY1300 General Psychology
  - SOC1300 General Sociology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS1200 Personal Fitness and Wellness
- UNI1170 University Seminar
- MAT1311 College Algebra
- CHE1307 General Chemistry I
- 6 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIB
- UNI2000 University Skills

B. Major (36 hours)

- BIO1405 Majors Biology I
- BIO1406 Majors Biology II
- BIO3300 Genetics
- BIO3303 Cell and Molecular Biology
- BIO3304 Advanced Botany
- BIO3305 Advanced Zoology
- BIO4102 Biological Literature and Seminar
- NRC3323 General Ecology
- 12 hours upper level BIO

C. Supporting Courses (39 hours)

- CHE1107 General Chemistry I Lab
- CHE1308 General Chemistry II
- CHE1108 General Chemistry II Lab
- CHE3301 Organic Chemistry I
- CHE3101 Organic Chemistry I Lab
- CHE3302 Organic Chemistry II
- CHE3102 Organic Chemistry II Lab
- CHE4311 Biochemistry I
- CHE4312 Biochemistry II
- PHY1303 General Physics
- PHY1103 General Physics I Lab

- PHY1304 General Physics II
- PHY1104 General Physics II Lab
- FOL1401 Beginning Spanish I
- FOL1402 Beginning Spanish I
- 3 hours from
  - MAT1402 Calculus
  - MAT3303 Probability and Statistics

D. Electives (6 hours)

E. Total (126 hours)

### **Pre-Dental**

Enroll in Bachelor of Science in Biology curriculum.

### **Pre-Health Professions**

Enroll in Bachelor of Arts in Biology curriculum.

### **Pre-Medical**

Enroll in Bachelor of Science in Biology or Bachelor of Science in Biochemistry curriculum.

### **Minor in Agriculture Business**

Minor available in Agriculture Business. See advisor for details.

### **Minor in Biology**

(19-20 hours)

- BIO 1405 Majors Biology I
- BIO 1406 Majors Biology II
- 4 upper level courses from BIO or NRC

## Department of Nursing

### Faculty

- Cindy Ford, Ph.D., RN, CNE, Director of Undergraduate Nursing
- Terry Delaney, D.N.P., RN
- Cindy Ford, Ph.D., RN, CNE
- LaNell Harrison, Ph.D., RN
- JoAnn Long, Ph.D., RN, NEA-BC
- Mark Wilkinson, M.S.N., RN

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Associate of Science in General Science](#)
- [Bachelor of Science in Nursing](#)

### Program

- [Pre-Nursing](#)

### Pre-Nursing

Students planning to enter nursing school must complete the prerequisites for admission to the nursing school. The following is the pre-nursing program at Lubbock Christian University, which is designed to complete the curricular requirements for entry to Covenant School of Nursing. Consult the pre-nursing advisor for more specific information about requirements to enter other schools of nursing.

#### A. University Core (26-29 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIO2401 Human Anatomy and Physiology
- BIO2001 Human Anatomy and Physiology Lab
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- GOV2301 National Government
- HIS2301 History of the United States I
- PSY1300 General Psychology
- UNI1170 University Seminar
- 3 hours from MAT if recommended by advisor

#### B. Supporting Courses (24 hours)

- BIO2402 Human Anatomy and Physiology II
- BIO2002 Human Anatomy and Physiology II Lab
- BIO3301 Introductory Genetics
- BIO3310 General Microbiology
- BIO3111 Microbiology Lab
- BIO3322 Nutrition
- PSY2310 Lifespan Human Development
- PSY3310 Psychological Statistics
- 4 hours from
  - CHE 1305 Inorganic Chemistry
  - CHE 1105 Inorganic Chemistry Lab
  - CHE 1307 General Chemistry I
  - CHE 1107 General Chemistry I Lab

## Associate of Science in General Science

### A. University Core (24 hours)

- 3 hours from BIB
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- HSC2310 Lifespan Human Development or 3 hours SOC
- BIO3322 Nutrition
- MAT1311 College Algebra
- 3 hours from GOV
- 3 hours from HIS

### B. Major (42 hours)

- Successful Completion of Covenant School of Nursing Curriculum

### C. Supporting Courses (22 hours)

- BIO2401 Human Anatomy and Physiology I
- BIO2402 Human Anatomy and Physiology II
- BIO3310 General Microbiology
- BIO3111 Microbiology Lab
- BIO3300 Genetics
- CHE1305 Inorganic Chemistry
- CHE1105 Inorganic Chemistry Lab
- 3 hours from
  - MAT3303 Probability and Statistics
  - PSY3310 Psychological Statistics
  - SWK3310 Statistics

### D. Total (88 hours)

## Bachelor of Science in Nursing

The Bachelor of Science in Nursing is accredited by the Accreditation Commission for Education in Nursing (ACEN). This degree is designed for graduates of associate degree and diploma nursing programs who hold the RN license. Emphasis is placed on self-directed learning, promoting personal and professional growth, providing holistic, appropriate care to individuals, families, and communities, and populations, and encouraging independent action. Students may practice in a variety of health care settings in the Lubbock and the surrounding area. Time is spent in directed and independent practicum activities according to course requirements.

### Admission Requirements for Bachelor of Science in Nursing

- Admission to the university
- Interview
- Current CPR certification (if not currently employed as a nurse)
- Evidence of current or pending RN license
- Graduation from an accredited school of nursing
- Evaluation of official transcripts for each college or university attended
- Minimum of C in any prerequisite course and a GPA of 2.5 on 4.0 scale

### Additional Requirements

- Student liability insurance fee of \$65 is billed to students annually.
- Criminal background checks are required prior to enrollment. Information is available in the Department of Nursing office.

## Bachelor of Science in Nursing

### A. University Core (33 hours)

- BIO 2401 Anatomy and Physiology I
- BIO 2402 Anatomy and Physiology II
- CHE1305 Inorganic Chemistry
- CHE1105 Inorganic Chemistry Lab
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- HIS2301 History of the United States I
- GOV2301 National Government
- PSY1300 General Psychology
- SOC1300 General Sociology
- 3 hours from BIB

B. Major (29-30 hours)

- NUR 3200 Introduction to BSN Program
- NUR 3214 History and Theory of Nursing
- NUR 3314 Trends and Issues
- NUR 4311 Nursing Research
- NUR 4314 Leadership and Management I
- NUR 4316 Leadership and Management II
- NUR 4318 Professional Role Development
- NUR 4403 Community Health I
- NUR 4305 Community Health II
- 3-4 hours from
  - NUR 3313/3413 Cultural Diversity
  - NUR 4320 Comparative Health Systems
  - NUR 4352 Special Topics
  - NUR 4399 Independent Study
- A minimum of a C is required in all nursing courses

C. Supporting Courses (13 hours)

- BIO 3322 Nutrition
- BIO 3301 Introductory Genetics
- BIO 3310 General Microbiology
- BIO 3111 Microbiology Lab
- PSY 3310 Psychological Statistics

D. Validation (42 hours)

- Validation is acquired through successful completion of NUR 3200

E. Electives (2-3 hours)

F. Total (120 hours)

Note: Students must earned at least a C in major courses.

## Department of Psychology and Counseling

### Faculty

- Michael Hardin, Ph.D., Chair
- Patti Bullard, Ph.D.
- LaLani Carter, M.A.
- Ronda Eade, Ph.D.
- Carlos Perez, Ph.D.
- Andy Young, Ed.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Arts in Family Studies](#)
- [Bachelor of Arts in Psychology with a General Psychology emphasis](#)
- [Bachelor of Arts in Psychology with a Sport and Exercise Psychology emphasis](#)

### Bachelor of Arts in Family Studies

The of the family studies program is to prepare students for (a) professional careers in a variety of human service areas including child and family services, community mental health, consumer affairs, county and state extension, family life and parent education, and gerontology services; (b) leadership roles in church, school, and community; (c) effective functioning within families; and (d) graduate education.

#### A. University Core (45 hours)

- BIB 1310 Introduction to the Old Testament
- BIB 1320 Introduction to the New Testament
- BIB 3305 Christian Heritage
- BIB 3310 Christian Life
- COM 2340 Communication for the Professional
- ENG 1301 Composition Studies
- ENG 1302 Composition and Literature
- PSY 1300 General Psychology
- 3 hours from HIS
- FIN 2301 Personal Financial Planning
- ESS 1200 Personal Fitness and Wellness
- UNI 1170 University Seminar
- MAT 1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- ENG 3308 Technical Writing
- 3 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI 2000 University Skills

#### B. Major (39 hours)

- HSC 2310 Lifespan Human Development
- HSC 2330 Love, Courtship, and Marriage
- HSC 3305 Children, Families, and Social Policy
- HSC 3313 The Family
- HSC 3322 Gender and Sexuality
- HSC 3326 Family Stress, Crisis, and Resilience
- HSC 3328 Parenting
- HSC 4323 Family Life Education and Enrichment
- HSC 4324 Family Dynamics of Addiction
- HSC 4326 Family and Community
- HSC 4390 Practicum
- 6 hours upper level from PSY or HSC

## C. Supporting Courses (18 hours)

- HSC 3315 Ethics in the Helping Professions
- PSY 2340 Psychological of Diversity
- PSY 3310 Psychological Statistics
- PSY 3320 Social Research Methods
- PSY 4342 Qualitative Research
- SOC 1300 General Sociology

## D. Electives (18 hours)

## E. Total (120 hours)

**Bachelor of Arts in Psychology**

The purpose of the study of psychology is to provide students an opportunity (1) to develop a better understanding of themselves and others, (2) to develop a broad base of knowledge about the field of psychology, and (3) to analyze critically psychological theories and principles from a Christian perspective. The psychology curriculum is designed to provide a core of knowledge about experimental, clinical, and counseling psychology. The program provides the flexibility that allows students to learn about psychology in multiple settings. The flexibility of the program allows students to emphasize the acquisition of useful life skills while preparing for graduate programs or vocational opportunities. Emphases in Art Therapy and Sport and Exercise Psychology are also available.

## A. University Core (45 hours)

- BIB 1310 Introduction to the Old Testament
- BIB 1320 Introduction to the New Testament
- BIB 3305 Christian Heritage
- BIB 3310 Christian Life
- COM 2340 Communication for the Professional
- ENG 1301 Composition Studies
- ENG 1302 Composition and Literature
- PSY 1300 General Psychology
- 3 hours from HIS
- 3 hours from ECO, FIN, GOV, or HIS
- ESS 1200 Personal Fitness and Wellness
- UNI 1170 University Seminar
- MAT 1311 College Algebra
- 3 hours from BIO, CHE, NRC or PHY
- ENG 3308 Technical Writing
- 3 hours from AFA, Arts History, ENG, GOV, HIS, PHI, REL, FOL, or BIL
- UNI 2000 University Skills

## B. Major (39 hours)

## General Psychology Emphasis (39 hours)

- PSY 2310 Lifespan Human Development
- PSY 3301 Introduction to Counseling Professions
- PSY 3302 Counseling Theories and Techniques
- PSY 3303 Abnormal Psychology
- PSY 3315 Ethics for the Helping Professional
- PSY 3327 Physiological Psychology
- PSY 3381 Social Psychology
- PSY 4302 Theories of Personality
- PSY 4305 Experimental Psychology
- PSY 4307 Learning, Cognition and Emotion
- PSY 4390 Practicum
- 6 hours upper level PSY

## Art Therapy Emphasis (39 hours)

- SOC 1300 General Sociology
- PSY 2310 Lifespan Human Development
- PSY 2340 Psychology of Diversity
- PSY 3301 Introduction to Counseling Professions
- PSY 3302 Counseling Theories and Techniques
- PSY 3303 Abnormal Psychology
- PSY 3310 Psychological Statistics
- PSY 3315 Ethics in Helping Professions
- PSY 3320 Social Research Methods
- PSY 3381 Social Psychology
- PSY 4302 Theories of Personality
- PSY 4307 Learning, Cognition and Emotion
- PSY 4390 Practicum

Sport and Exercise Psychology Emphasis (39 hours)

- PSY 2310 Lifespan Human Development
- PSY 3302 Counseling Theories and Techniques
- PSY 3303 Abnormal Psychology
- PSY 3301 Introduction to Counseling Professions
- PSY 3327 Physiological Psychology
- PSY 3381 Social Psychology
- PSY 4302 Theories of Personality
- PSY 4304 Psychological Testing
- PSY 4307 Learning, Cognition and Emotion
- PSY 4390 Practicum
- ESS 3324 Sport in Society
- ESS 3335 Exercise Psychology
- ESS 3356 Sport Psychology

C. Supporting Courses (18-24 hours)

General Psychology Emphasis (18 hours)

- HSC 3313 The Family
- PSY 2340 Psychology of Diversity
- PSY 3310 Psychological Statistics
- PSY 3320 Social Research Methods
- PSY 4342 Qualitative Research
- SOC 1300 General Sociology

Art Therapy Emphasis (18 hours)

- ART 1303 Drawing I
- ART 1304 Drawing II
- ART 2310 Ceramics
- ART 2312 Three-Dimensional Design
- ART 2316 Painting I
- ART 3306 Art and Children

Sport and Exercise Psychology Emphasis (24 hours)

- ESS 2314 Human Movement
- ESS 3340 Motor Learning and Control
- ESS 3371 Physiology of Exercise
- PSY 3310 Psychological Statistics
- PSY 3320 Social Research Methods
- SOC 1300 General Sociology
- 6 hours from
  - ESS 3321 Leadership in Exercise and Sport Sciences

- ESS 4330 Internship in Exercise and Sport Sciences
- ESS 4350 Principles of Strength and Conditioning
- ESS 4382 Lifespan Motor Development

D. Electives (18 hours)

E. Total (120-126 hours)

### **Minor in Family Studies**

(18 hours)

- HSC2310 Lifespan Human Development
- HSC2330 Love, Courtship, and Marriage
- HSC3324 Marriage and Family Therapy
- HSC3326 Family Stress, Crisis, and Resilience
- HSC3328 Parenting
- HSC4323 Family Life Education and Enrichment

### **Minor in Psychology**

(18 hours)

- PSY1300 General Psychology
- PSY3302 Counseling Theories and Techniques
- PSY3303 Abnormal Psychology
- PSY3310 Psychological Statistics
- PSY3381 Social Psychology
- PSY4302 Theories of Personality

## Department of Social Work and Criminal Justice

### Faculty

- Jill Johnson Ph.D., LMSW-IPR, Chair
- April Carrasco, LMSW-IPR
- Dana Cooley, J.D.
- Jeana Culbert, Ph.D., LMSW-IPR
- Jennifer Dabbs, Ph.D.
- Tony Parnell, LCSW, ACSW, LCPAA
- Perry Sims, J.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Bachelor of Arts in Criminal Justice](#)
- [Bachelor of Social Work](#)

### Criminal Justice

The purpose of a Bachelor of Arts in Criminal Justice is to prepare students to deal with the challenges of a career as a criminal justice professional in a changing society. The criminal justice program will instill in students a comprehensive knowledge of the criminal justice system while educating them to be critical thinkers who can communicate their thoughts effectively in oral and written form. The curriculum will familiarize students with facts and concepts while also teaching them to engage in ethical behavior when applying this knowledge to related problems and changing situations. Graduates from this program will be members of professional organizations dedicated to selfless public service and will be vital in maintaining peace and curtailing lawlessness in our society. Criminal justice graduates find gainful employment in law enforcement, security, the courts, and correctional facilities. Graduates with a degree in criminal justice may find employment in juvenile and adult probation, municipal and county law enforcement, private security, hospital security, investigations, and warrant offices. Many graduates continue their education in law school or other graduate school. Minimum employment requirements in law enforcement generally include the following:

- Be at least 21 years old
- Have no convictions for Class A misdemeanor or felony offense
- Have no convictions for Class B misdemeanor offense in the past 10 years
- Possess good mental and physical health
- Meet varying eyesight standards
- Have good moral character
- Possess a valid Texas driver's license with minimum violations

The criminal justice degree is designed to meet the standards established by the Academy of Criminal Justice Sciences (ACJS). ACJS encourages baccalaureate programs to reflect a balanced presentation of a broad scope of criminal justice studies. The criminal justice degree focuses specifically on the five core areas identified by ACJS:

- Criminal justice and juvenile justice processes-law, crime, and administration of justice
- Criminology-causes of crime, typologies, offenders, and victims
- Law enforcement-police organization, discretion, subculture, and legal constraints
- Law adjudication-criminal law, prosecution, defense, and court procedures and decision-making
- Corrections-incarceration, community-based corrections, and treatment of offenders

### Criminal Justice Transfer Credit

To be considered for criminal justice transfer credit, courses must be completed with a grade of C or higher and must be of similar content and level. Courses taken at other institutions are evaluated by the Director of Criminal Justice to determine if and where they will be applied to the criminal justice degree plan. Courses taken five or more years prior to transfer may not be approved for major or supporting course. Transfer credit for CRJ 4333 (Professionalism and Ethics in Criminal Justice) and CRJ 4140 (Senior Assessment Seminar) is not accepted and must be completed in residence.

## Admission to the Criminal Justice Program

Students interested in the criminal justice major must see the criminal justice faculty for academic and career advising. Any student may enroll in CRJ 2301 (Introduction to Criminal Justice). However, only students admitted to the criminal justice program are permitted to graduate with a degree in criminal justice. Once CRJ 2301 is complete, criminal justice majors must apply for admission to the criminal justice program. To be considered for admission, students must have:

- Minimum overall GPA of 2.25;
- Completed of ENG 1301 and 1302 earning grade of C or higher in each;
- Completed of CRJ 2301 earning grade of C or higher;
- Submitted written application for admission to the criminal justice program;
- Provided a reference from LCU faculty member who is not a criminal justice faculty member; and
- Provided a personal reference.

When requirements are met, the criminal justice faculty will consider the application and grant or deny admission to the program. Students are informed of the decision by email. Applicants refused admission may appeal in writing to the criminal justice faculty.

## Bachelor of Arts in Criminal Justice

### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- PSY1300 General Psychology
- HIS2301 History of the United States I
- HIS2302 History of the United States II
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- 3 hours from BIO, CHE, NRC, or PHY
- ENG3308 Technical Writing
- UNI1170 University Seminar
- 3 hours from
  - GOV 2301 National Government
  - GOV 2302 Texas State and Local Government
- UNI2000 University Skills

### B. Major (37 hours)

- CRJ 2301 Introduction to Criminal Justice
- CRJ 2302 Fundamentals of Texas Criminal Law
- CRJ 2303 Criminal Investigation
- CRJ 2304 Legal Aspects of Law Enforcement
- CRJ 2305 Courts and Criminal Procedure
- CRJ 3301 Criminology
- CRJ 3302 Juvenile Delinquency
- CRJ 3312 Violent Offenders
- CRJ 3322 Social Deviance
- CRJ 3324 Corrections, Probation and Parole
- CRJ 4140 Senior Assessment Seminar
- CRJ 4326 Terrorism and Homeland Security
- CRJ 4333 Professionalism and Ethics in Criminal Justice

### C. Supporting Courses (21 hours)

- SOC 1300 General Sociology

- 18 hours from
  - CRJ3311 White Collar Crime
  - CRJ3321 Understanding Sexual Offending
  - CRJ4324 Crime Analysis and Crime Mapping
  - CRJ4325 Forensic Computer Examination
  - CRJ4327 Cyber Crimes
  - CRJ4328 Death Penalty
  - CRJ4329 Gangs
  - GOV4305 Constitutional Law
  - PSY3326 Crisis Intervention
  - PSY4321 Forensic Psychology
  - PSY4322 Drugs, Alcohol, and Society
  - SWK3310 Statistics
  - SWK3314 Family and Community Violence
  - SWK3320 Social Research Methods

D. Electives (17 hours)

E. Total (120 hours)

Note: CRJ 4140 and CRJ 4333 must be taken at the university.

## Social Work

The Council on Social Work Education (CSWE) accredits the Bachelor of Social Work (BSW) program at the university. Therefore, graduates are eligible to sit for the social work licensing exam to become Licensed Bachelor Social Workers (LBSW). Types of agencies where BSW graduates often find employment are foster care and adoption, hospitals, schools, military services, child and adult protection, substance abuse, criminal justice, mental health, hospice, home health care, aging, victim services, community outreach, and various other agencies. BSW graduates are experiencing a high rate of admission into Master of Social Work programs and are most often granted advanced standing, shortening the length of the master's program to around 40 hours.

## Social Work Program Goals

- Prepare students for research-informed generalist social work practice with individuals, families, groups, communities, and organizations;
- Cultivate practitioners that are guided by the values and ethics of the social work profession; and
- Develop social workers who understand the forms and mechanisms of oppression and discrimination and the consequential need to advocate for economic and social justice, human rights, and respect for all people.

## Social Work Program Outcomes

Graduates will be able to:

- Identify as a professional social worker and conduct oneself accordingly;
- Apply social work ethical principles to guide professional practice;
- Apply critical thinking to inform and communicate professional judgments;
- Engage diversity and difference in practice;
- Advance human rights and social and economic justice;
- Engage in research-informed practice and practice-informed research;
- Apply knowledge of human behavior and the social environment;
- Engage in policy practice to advance social and economic well-being and to deliver effective social work services;
- Respond to contexts that shape practice; and
- Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

## Weekend and Online Course Offerings

In order to meet the needs of those who are unable to take social work courses face-to-face during the week, the social work program offers social work courses on the weekend or online, in addition to social work courses offered during the week. Weekend courses are taught over four weekends in an every other weekend format with the following schedule: Fridays, 7-10

PM and Saturdays, 8AM-4PM. The curriculum of the social work courses is the same, regardless of how the course is offered.

### **Social Work Transfer Credit**

To be considered for social work transfer credit, courses must be completed with a grade of C or higher and be of similar content and level. Courses taken from programs not accredited by CSWE and courses taken 5 or more years ago must first be evaluated by the Director of Social Work. Transfer credit for SWK 4610 and SWK 4620 is not accepted.

### **Admission to the Program**

Students interested in the Social Work major must see the Social Work faculty for academic and career advising. Any student may enroll in the pre-professional course, SWK 2300. However, only students admitted to the Social Work program are permitted to enroll in SWK 3301, 3302, 3303, 4610 or 4620. Once SWK 2300 is complete, Social Work majors must apply to be admitted to the program. In order to be admitted, students must:

- An overall GPA of 2.25;
- Completed ENG 1301 and ENG 1302 earning a grade of C or better in each course;
- Completed SWK 2300;
- Completed a written application for admission;
- Provided a reference from a non-social work faculty member; and
- Provided a personal reference.

When the above requirements are met, the Social Work faculty will consider the application and grant or deny admission to the Social Work Program. Students will be informed of the decision by email. Applicants refused admission may appeal.

### **Field Placement**

A vital part of the social work program is a 400 hour field placement, which is a required internship completed in the semester prior to graduation. Students complete the internship in a social service agency under the supervision of an experienced social worker. Social work students are required to successfully complete the 400 hours in field in a timely manner, consistent with field practice policy and procedure. It is each social work student's responsibility to plan in advance for the field experience in order to ensure that they will have ample time to complete all field requirements. The vast majority of available and viable field agency sites are capable of accommodating students on a full-time basis during traditional business hours. Options for field sites will generally be limited to these types of agencies. Each student must arrange, in advance, to participate in the field experience on a full-time basis. Failure to do so may prevent a student from advancing in, or completing, the social work program.

#### **Admission to Field**

Students are evaluated for readiness before beginning field. Only students meeting this criteria will be admitted into field:

- Successful completion of all other courses required for the social work degree;
- Minimum overall GPA of 2.25;
- Minimum 2.5 GPA in social work courses;
- Minimum 2.5 average in SWK 3301, 3302, and 3303;
- Evaluated favorably by the Social Work faculty in professional ethics, values, and behavior using the NASW Code of Ethics;
- Successful completion of UNI2000;
- Submission of the Field Placement application; and
- Successful oral interview with the Director of Field Education.

The 2.5 average in the social work practice courses, SWK 3301, 3302, and 3303, will serve as a measure for determining student potential to engage in effective social work practice. The practice courses provide opportunities for students to demonstrate practice skills. If students have at least an average of 2.5 in those courses, it is assumed they have demonstrated the potential to engage in effective social work practice. Within these practice courses, and other social work major courses, social work faculty also evaluate student ability to recognize and demonstrate social work ethics and behavior. Ethics assignments required throughout the social work curriculum are used as the primary measure for evaluating student knowledge and demonstration of social work values, ethics, and behavior. Ethics assignments required throughout the social work curriculum are used as a measure for evaluating student knowledge and demonstration of social work values and ethics. Social work faculty also formally evaluate social work students on the demonstration of professional behavior in each upper

level social work course.

Faculty evaluation of field readiness will occur after the Field Placement Application is submitted. Student are notified of the decision in writing. Students denied admission to field may appeal the decision. If field criteria are met, students meet with the Director of Field Education to discuss guidelines for field and to identify field placement sites. After successful completion, enrollment in SWK 4610 and 4620 is permitted. Students must have the prior permission of the Director of Social Work to take additional courses while enrolled in field.

### **Criminal Record Implications**

Many social service agencies do not allow volunteers and/or employees with criminal backgrounds. Therefore, it may be extremely difficult, if not impossible, to locate an agency where students with criminal backgrounds can complete their field placement. In which case, it becomes the primary responsibility of a student with a criminal background to secure an approved field placement in accordance with the social work degree plan. The State of Texas reserves the right to deny a license to any person entering the field of Social Work with a criminal history. Therefore, upon their graduation students having a criminal background may be denied licensure by the State of Texas for this or any other reason the State deems relevant. Licensure eligibility is the sole decision of the State of Texas.

### **Bachelor of Social Work**

The social work program does not give academic credit for life experience or previous work experience.

#### A. University Core (45 hours)

- BIB1310 Introduction to the Old Testament
- BIB1320 Introduction to the New Testament
- BIB3305 Christian Heritage
- BIB3310 Christian Life
- COM2340 Communication for the Professional
- ENG1301 Composition Studies
- ENG1302 Composition and Literature
- PSY1300 General Psychology
- HIS2302 History of the United States II
- ESS1200 Personal Fitness and Wellness
- MAT1311 College Algebra
- BIO1300 Human Biology
- ENG3308 Technical Writing
- 3 hours from
  - GOV 2301 National Government
  - GOV 2302 Texas State and Local Government
- 3 hours upper level ENG
- UNI 1170 University Seminar
- UNI 2000 University Skills

#### B. Major (42 hours)

- SWK 2300 Introduction to Social Work
- SWK 2340 Diversity
- SWK 3301 Generalist Practice with Individuals and Families
- SWK 3302 Generalist Practice with Communities and Organizations
- SWK 3303 Generalist Practice with Groups
- SWK 3304 Social Welfare Policy
- SWK 3306 Social Work Ethics and Professional Behavior
- SWK 3310 Statistics
- SWK 3311 Human Behavior in the Social Environment
- SWK 3320 Social Research Methods
- SWK 4610 Field I
- SWK 4620 Field II

#### C. Supporting Courses (18-20 hours)

- SOC1300 General Sociology
- SWK 2320 Social Justice
- SWK 3330 Maladaptive Functioning
- 3 hours from
  - SWK 3313 Interventions with Older Adults
  - SWK 3314 Family and Community Violence
  - SWK 3315 Social Work in Criminal Justice Settings
  - SWK 3316 International Social Work
  - SWK 4352 Special Topics in Social Work
- 6-8 hours of foreign language and/or multicultural studies

D. Electives (13-15 hours)

E. Total (120 hours)

### **Minor in Criminal Justice**

(18 hours)

- CRJ2301 Introduction to Criminal Justice
- CRJ2305 Courts and Criminal Procedure
- CRJ3301 Criminology
- 9 hours from
  - CRJ3302 Juvenile Delinquency
  - CRJ3312 Violent Offenders
  - CRJ3322 Social Deviance
  - CRJ3324 Corrections, Probation, and Parole
  - CRJ4325 Forensic Cyber Evidence Examination
  - CRJ4326 Terrorism and Homeland Security
  - CRJ4333 Professionalism and Ethics in Criminal Justice
  - PSY4321 Forensic Psychology

## Graduate Counseling

Graduates will have the knowledge, attitudes, and skills necessary for effective intervention in working with individuals, families, and communities. Each of the graduate faculty hold doctorates and have extensive experience in working with families in churches and social service agencies. Each graduate class is designed to help students master the competencies of an effective practitioner. Curriculum utilized in the graduate program has a strong base in current research and current best practices in the field.

### Faculty

- Kaylene Brown, Ph.D.
- Jonna Byars, Ph.D.
- Ronda Eade, Ph.D.
- Shauna Frisbie, Ed.D.
- Michael Hardin, Ph.D.
- Beth Hennington, Ed.D.
- Chris Hennington, Ph.D.
- LynnAnne Joiner Lowrie, Ph.D.
- Carlos Perez, Ph.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Master of Science in Human Services](#)
- [Master of Science in Clinical Mental Health Counseling](#)
- [Master of Science in School Counseling](#)

### Certification Program

- [School Counselor Certification](#)

### Master of Science in Human Services

The Master of Science in Human Services is a program offered in an online format.

(36 hours)

Program Core (24 hours)

- HSC6300 Human Services Theory and Practice
- HSC6309 Crisis Intervention
- HSC6310 Social Development of Individuals and Families
- HSC6323 Family Systems
- HSC6332 Helping Professions and Public Policy
- HSC6333 Ethics in the Helping Professions
- HSC6334 Conflict Resolution
- HSC6391 Human Services Capstone Project

Counseling Specialization (12 hours)

- 12 hours from COU

Family Life Educator Specialization (12 hours)

- HSC6301 Marital and Family Education
- HSC6315 Parent Education
- HSC6322 Human Sexuality
- HSC6324 Family Resource Management

Non-Profit Leadership Specialization (12 hours)

- HSC6340 Human Resources in Human Services Organizations
- HSC6342 Development in Human Services
- HSC6344 Human Services Administration
- HSC6346 Program Planning and Evaluation

### **Master of Science in Clinical Mental Health Counseling**

The Master of Science in Clinical Mental Health Counseling is a program offered online. This program is designed to prepare students for licensing as a counselor in the State of Texas. The university cannot confirm whether the program meets requirements for licensing in any other state. Students seeking licensing in another state assume responsibility to determine whether the program meets licensing requirements in that state.

(60 hours)

- COU5301 Introduction to Mental Health Counseling
- COU5310 Individual and Family Lifespan Development
- COU5314 Assessment of Individuals and Families
- COU5320 Research in Counseling
- COU5340 Professional Issues, Ethics, and Law
- COU5353 Psychopathology of Individuals and Families
- COU5355 Advanced Psychopathology
- COU5360 Counseling Theory and Practice
- COU5361 Techniques of Individual and Family Counseling
- COU5362 Career Counseling
- COU5363 Group Psychotherapy
- COU5364 Crisis Counseling
- COU5365 Advanced Counseling Techniques
- COU5381 Foundations of Marital and Family Therapy
- COU5383 Counseling Children, Adolescents and their Families
- COU5384 Addictions
- COU5385 Multicultural Counseling
- COU5391 Counseling Practicum
- COU5392 Counseling Internship I
- COU5393 Counseling Internship II
- COU6062 Comprehensive Examination

### **Master of Science in School Counseling**

Student must first be admitted to the School of Education using a separate application. Teacher certification, teaching experience, and a criminal background check is required to be certified as a school counselor in Texas. Students from other states should evaluate the program to determine if it is acceptable as preparation for certification in their states.

(36 hours)

- COU5310 Individual and Family Lifespan Development
- COU5314 Assessment of Individuals and Families
- COU5320 Research in Counseling
- COU5340 Professional Issues, Ethics, and Law
- COU5343 Introduction to School Counseling
- COU5360 Counseling Theory and Practice
- COU5361 Techniques of Individual and Family Counseling
- COU5362 Career Counseling
- COU5363 Group Psychotherapy
- COU5364 Crisis Counseling
- COU5383 Counseling Children, Adolescents and Their Families
- COU5391 Counseling Practicum
- COU6062 Comprehensive Examination

**School Counselor Certification**

Student must first be admitted to the School of Education using a separate application. Teacher certification, master's degree, teaching experience, and a criminal background check is required to be certified as a school counselor in Texas. Students from other states should evaluate the program to determine if it is acceptable as preparation for certification in their states.

(18 hours)

- COU5340 Professional Issues, Ethics, and Law
- COU5343 Introduction to School Counseling
- COU5362 Career Counseling
- COU5363 Group Psychotherapy
- COU5383 Counseling Children, Adolescents and Their Families
- COU5391 Counseling Practicum

## Graduate School of Theology

### Accreditation

Lubbock Christian University's Graduate School of Theology is a Candidate for Accredited Member status with the Commission on Accrediting of the Association of Theological Schools, 10 Summit Park Drive, Pittsburg, PA 15275-1110; 412-788-6505.

### Faculty

- Brandon Fredenburg, Ph.D., Academic Dean
- Steven Bonner, D. Min.
- Jeff Cary, Ph.D.
- Wes Crawford, Ph.D.
- Jesse Long, Ph.D.
- Jared Looney, D.Min.
- Michael Martin, Ph.D.
- Stacy Patty, Ph.D.
- Mark Sneed, Ph.D.
- Barry Stephens, D.Min.
- Charles Stephenson, Th.D.
- Mark Wiebe, Ph.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

Degrees that are candidates for ATS accreditation.

- [Master of Arts - Biblical Interpretation](#)
- [Master of Arts in Christian Ministry](#)
- [Master of Divinity](#)

Other graduate degree offered by Department of Biblical Studies that is not a candidate for ATS accreditation.

- [Master of Science in Family Ministry](#)

### Purpose

The purpose of the Graduate School of Theology, as a community for theological reflection and spiritual formation, is to prepare men and women for service to the Triune God and leadership in various forms of Christian ministry around the world. As we pursue this purpose, we commit to diversity among the faculty, staff, and student body; to equip students for ministry in the global context; and to adhere to rigorous academic standards as we collectively engage Christian scripture and the Christian heritage in awareness of our Stone-Campbell Restoration Movement history.

### Requirements

Graduate School of Theology (GST) degree programs are delivered in online and hybrid formats. Students in the Master of Divinity and Master of Arts in Christian Ministry, must take at least one-third (1/3) of their credit hours in hybrid formats, which includes an on-campus classroom experience. The Master of Arts - Biblical Interpretation may be taken online.

### Master of Arts - Biblical Interpretation

(36 hours)

- BIB6300 Introduction to Graduate Studies
- BIB6301 Introduction to the New Testament
- BIB6302 Hermeneutics
- BIB6310 Introduction to the Old Testament
- 9 hours from Biblical Text
- 6 hours from one Biblical Language
- MIN6228 Capstone and Competency Examinations

- REL6110 Restoration History and Theology
- REL6334 Christian History and Theology I
- REL6335 Christian History and Theology II

Note: Must demonstrate facility with one biblical language to earn degree.

### **Master of Arts in Christian Ministry**

(36 hours)

- BIB6300 Introduction to Graduate Studies
- 6 hours from
  - BIB6301 Introduction to the New Testament
  - BIB6302 Hermeneutics or MIN 6302 Hermeneutics
  - BIB6310 Introduction to the Old Testament
- BIH6329 American Church History
- MIN6228 Capstone and Competency Examinations
- MIN6305 Preaching
- MIN6306 Advanced Preaching
- 6 hours from
  - MIN6301 Family Ministry
  - MIN6303 Spiritual Formation
  - MIN6309 Christian Counseling
  - MIN6323 Family Systems
- MIN6330 Internship
- REL6110 Restoration History and Theology
- REL6334 Christian History and Theology I
- REL6335 Christian History and Theology II

### **Master of Divinity**

(72 hours)

- BIB6300 Introduction to Graduate Studies
- BIB6301 Introduction to the New Testament
- BIB6302 Hermeneutics or MIN 6302 Hermeneutics
- BIB6310 Introduction to the Old Testament
- BIH6329 American Church History
- BIL6311 Elementary Greek I or BIL 6314 Elementary Hebrew I
- BIL6312 Elementary Greek II or BIL 6315 Elementary Hebrew II
- MIN6228 Capstone and Competency Examinations
- MIN6303 Spiritual Formation
- MIN6304 Church Leadership
- MIN6305 Preaching
- MIN6309 Christian Counseling
- MIN6330 Internship
- MIS6312 Studies in Missions
- REL6110 Restoration History and Theology
- REL6301 World Religions
- REL6312 Studies in Theology
- REL6333 Ethics
- REL6334 Christian History and Theology I
- REL6335 Christian History and Theology II
- BIB6 hours
- BIH3 hours
- MIN3 hours
- 3 hours from electives

## Graduate Education

The graduate program in education offers two 36-hour, non-thesis Master's degrees, a Master of Education (M.Ed.) for those previously certified to teach in the state of Texas and a Master of Arts in Teaching (M.A.T.) for those seeking Texas teaching certification.

### Faculty

- David Boyer, Ed.D., Dean of the School of Education
- Sam Ayers, Ed.D., Program Director
- Cathy Box, Ph.D.
- Judy Flagle, Ed.D.
- Jennifer Hardin, Ph.D.
- Bill Kingston, Ph.D.
- Karl Mahan, Ed.D.
- Gonzalo Ramirez, Ed.D.
- Gene Sheets, Ed.D.

### Degrees

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Master of Education in Curriculum and Instruction](#)
- [Master of Education in Educational Diagnostics](#)
- [Master of Education in Educational Leadership](#)
- [Master of Education in Special Education](#)
- [Master of Education in Special Education with Emphasis in Dyslexia](#)
- [Master of Arts in Teaching in Secondary Education](#)
- [Master of Arts in Teaching in Special Education](#)

### Certification Programs

- [Educational Diagnostics](#)
- [Secondary Education \(Teacher Prep\)](#)
- [Special Education CORE](#)
- [Principal](#)
- [Superintendent](#)

### Mission

The mission of the graduate program in education is to prepare creative and innovative professional educators with high moral and ethical standards who view themselves as agents of change and who are committed to the welfare of children and have the understanding, attitudes, and skills necessary for effective teaching and leadership. Individuals desiring to complete requirements for Texas Educator Certification must apply to the Educator Certification Program through the certification office. Some course work is required in addition to the M.A.T. for completing teaching certification.

### Purpose

The purpose of the Master's Degree in education is to provide qualified students with advanced academic training beyond the baccalaureate degree. Graduate education courses are designed (1) to strengthen the professional knowledge base and skills of the graduate student, as both teacher and administrator; (2) to increase independent study and seminar skills; (3) to strengthen the use of traditional research skills; (4) to assist the student in valuing and conducting classroom based research; (5) to increase the instructional leadership skills of the student; (6) to encourage reflective analytical/critical thinking on the part of the student; and (7) to increase the ability of the student to analyze case studies related to educational experiences.

### Expectations

Graduate students are expected to assume greater responsibility over their programs of study, to function productively in seminar structures, to conduct research on a regular basis, to read widely and critically in both primary and secondary materials, and to function as professional educators who display ethical and moral behavior and leadership patterned after the

teachings of Jesus Christ.

### **Semester Length**

Since this program is designed for the practicing professional educator, its academic year is divided into Fall or Spring A, which last 16 weeks, and Fall or Spring B and C, each lasting 8 weeks. Students may enroll in no more than 7 hours per term of evening and/or online courses. Exceptions to the semester hour limit must be approved, in advance, by the advisor.

### **Educator Certification Program**

See information under the same title on the [School of Education page](#).

### **Curriculum and Instruction**

The Master of Education in Curriculum and Instruction offers a program for educational preparation with specialized skills to meet the curriculum needs of professional educators in elementary, secondary, and post-secondary education as curriculum specialists. The master's degree focuses on the collection and evaluation of a curriculum and instructional program using student performance data to identify strengths and weaknesses in the program and the development of a modification and implementation plan to address program weaknesses. Students will build an E-portfolio and present a curriculum and instruction plan to a committee of educators. For students completing a baccalaureate degree in Early Childhood Education, Middle School Education, or Secondary Education at LCU and entering the MED Curriculum and Instruction program within two years of graduation may be eligible to reduce the total numbers of hours up to 6 semester hours. Faculty in the discipline determine coursework required for the degree. A minimum of 30 semester hours for a master's degree must still be earned.

### **Educational Diagnostics**

The Master of Education degree in Educational Diagnostics will prepare students with the knowledge and skills to be an educational diagnostician. This program is available for those who are already a certified teacher and who meet university graduate program admission requirements. Students must have taught at least two years in a creditable institution before obtaining this certification, but may be enrolled during this period. Students holding a master's degree have the option of choosing the 24-hour certification route instead. Students who have completed the MAT or MED in Special Education at LCU may be eligible for a 12-hour certification program.

### **Educational Leadership**

This 36-hour concentration will offer students opportunities to develop the knowledge and skills needed to become a school principal or central office administrator as designated by the school. Under special circumstances, students may seek a master's degree in educational leadership without seeking certification. Students already holding a master's degree have the option of choosing the 24-hour certification route instead. Students must have taught at least two years in a creditable institution before obtaining this certification, but may be enrolled during this period. The Master of Education in Leadership may be pursued on campus. The program is designed to prepare students to test for certification as a principal in the State of Texas. The university cannot confirm whether the program or courses in the program meets requirements for certification in any other state. Students seeking certification in another state assume responsibility to determine whether the program meets certification requirements in that state.

### **Secondary Education**

Secondary education offers students two opportunities to participate in advanced studies of content areas typically found in the secondary school for those who have completed a bachelor's degree from an accredited college or university and meet graduate program admission requirements. Students desiring to pursue the Master of Arts in Teaching degree and are not certified to teach must complete six hours of undergraduate clinical teaching beyond the master's degree. Students not pursuing a master's degree but interested in becoming a certified teacher, may pursue the Teacher Preparation Program in Secondary Education. This 25-hour program allows students to pursue teacher certification and can typically be completed within a year. To meet TEA/SBEC requirements in both programs, students may have to enroll in additional leveling courses.

### **Special Education**

Special education offers students opportunities to develop the knowledge and skills needed to become a special education teacher. Students who have completed a bachelor's degree from an accredited college or university and meet graduate admission requirements may pursue the Master of Arts in Teaching degree in Special Education with an EC-12 certification.

Clinical teaching in a special education classroom is required for this certification along with six hours of leveling courses. For students who have completed a bachelor's degree from an accredited college or university in education, who hold a current Texas certification, and who meet the university graduate admission requirements can pursue the following two options: (1) the 36-hour Master of Education in Special Education with a supplemental certification, or (2) the 15-hour Special Education CORE program for those wanting to increase their knowledge in the area of special education and pursue Texas Special Education certification.

### **Superintendent Certification**

The Superintendent Certification cohort program is a post-graduate program that will develop students' knowledge and skills which are needed to hold administrative positions at the central office level or superintendent positions. Standards for admission to the Superintendent Certification program are more restrictive than general graduate admission standards in that students must have completed a master's degree and either hold a principal certificate or have at least three years of creditable managerial experience approved by TEA. Candidate applications will be reviewed by program administrators in conjunction with the Office of Graduate Studies.

### **Master of Education in Curriculum and Instruction**

Non-thesis degree program in curriculum and instruction for individuals holding a Texas teaching certification.

(36 hours)

- EDU5301 Research for School Improvement
- EDU5302 Advanced Learning Theory
- EDU5308 Assessment and Identification of Educational Challenges
- EDU5309 Differentiated Curriculum
- EDU5315 Curriculum and Instructional Leadership
- EDU5316 Ethics for the Leader
- EDU5320 Educational Law
- EDU5325 Advanced Curriculum
- EDU5333 School and Community Leadership
- EDU5350 Models of Teaching
- EDU5351 Capstone in Curriculum and Instruction
- 3 hours from
  - EDU5312 Exceptionality
  - EDU5348 Adapting the Curriculum for Children with Special Needs
- EDU6062 Comprehensive Examination

### **Master of Education in Educational Leadership**

Non-thesis degree program in educational leadership for individuals holding a Texas teaching certification and two years of creditable teaching experience.

Educational Leadership Strand campus-based or online (36 hours)

- EDU5301 Research for School Improvement
- EDU5303 Educational Technology
- EDU5312 Exceptionality
- EDU5315 Curriculum and Instructional Leadership
- EDU5316 Ethics for the Leader
- EDU5320 Educational Law
- EDU5323 Administrative Theory/Educational Leadership
- EDU5324 Administration of Special Programs
- EDU5326 The Principalship
- EDU5327 Administrative Practicum
- EDU5331 Business and Personnel Management
- EDU5333 School Community Leadership
- EDU6062 Comprehensive Examination

**Master of Education in Educational Diagnostics**

Non-thesis degree program in special education and diagnostic assessment and services for those with a teaching certification and two years of creditable teaching experience.

(36 hours)

- EDU5301 Research for School Improvement
- EDU5312 Exceptionality
- EDU5316 Ethics for the Leader
- EDU5320 Educational Law
- EDU5329 Content Area Literacy
- EDU5340 Achievement Testing/Authentic Assessment
- EDU5342 Intelligence Testing/Authentic Assessment
- EDU5343 Cross Battery Assessment for Learning Disabilities
- EDU5344 Working with Parents and Families of Children with Special Needs
- EDU5346 Behavior Management of Children with Special Needs
- EDU5348 Adapting the Curriculum for Children with Special Needs
- EDU5360 Seminar/Practicum for the Educational Diagnostician
- EDU6062 Comprehensive Examination

**Master of Education in Special Education**

Non-thesis degree program in special education for individuals holding a Texas teaching certification.

(36 hours)

- EDU5301 Research for School Improvement
- EDU5303 Integrating Educational Technology
- EDU5312 Exceptionality
- EDU5316 Ethics for the Leader
- EDU5320 Educational Law
- EDU5329 Content Area Literacy
- EDU5344 Working with Parents and Families of Children with Special Needs
- EDU5345 Language Development in Children
- EDU5346 Behavior Management of Children with Special Needs
- EDU5347 Assessing Children with Special Needs
- EDU5348 Adapting the Curriculum for Children with Special Needs
- EDU5349 Advanced Practicum in Special Education
- EDU6062 Comprehensive Examination

**Master of Education in Special Education with Emphasis in Dyslexia**

Non-thesis degree program in special education with an emphasis in dyslexia for those holding a Texas teaching certification.

(36 hours)

- EDU5303 Integrating Educational Technology
- EDU5312 Exceptionality
- EDU5316 Ethics for the Leader
- EDU5318 Basic Dyslexia I
- EDU5319 Basic Dyslexia II
- EDU5329 Content Area Literacy
- EDU5338 Advanced Dyslexia
- EDU5344 Working with Parents and Families of Children with Special Needs
- EDU5346 Behavior Management of Children with Special Needs
- EDU5347 Assessing Children with Special Needs
- EDU5348 Adapting the Curriculum for Children with Special Needs
- EDU5349 Advanced Practicum
- EDU6062 Comprehensive Examination

### Master of Arts in Teaching in Secondary Education

Non-thesis degree program in secondary education for those seeking a teaching certification.

(36 hours for degree/7 additional hours for certification)

- EDU5303 Integrating Educational Technology
- EDU5304 Curriculum and Instructional Design
- EDU5312 Exceptionality
- EDU5313 Classroom Management
- EDU5315 Curriculum and Instructional Leadership
- EDU5316 Ethics for the Leader
- EDU5317 Assessment and Evaluation
- EDU5320 Educational Law
- EDU5323 Administrative/Leadership Theory
- EDU5324 Administration of Special Programs
- EDU5329 Content Area Literacy
- Elective 3 hours
- EDU6062 Comprehensive Examination

The following 7 hours must be completed for a Texas teaching certification:

- EDU5199 Independent Study of Issues Facing Education
- EDS4660 Clinical Teaching

Students must pass appropriate content PACT exam to be admitted to the Educator Certification Program by completion of 27 hours of coursework.

### Master of Arts in Teaching in Special Education

Non-thesis degree program in special education for those seeking teaching certification.

(36 hours)

- EDU5303 Integrating Educational Technology
- EDU5310 Elementary School Math and Science
- EDU5311 Elementary School Language Arts and Social Studies
- EDU5312 Exceptionality
- EDU5313 Classroom Management
- EDU5316 Ethics for the Leader
- EDU5329 Content Area Literacy
- EDU5344 Working with Parents and Families of Children with Special Needs
- EDU5345 Language Development in Children
- EDU5346 Behavior Management of Children with Special Needs
- EDU5347 Assessing Children with Special Needs
- EDU5348 Adapting the Curriculum for Children with Special Needs
- EDU6062 Comprehensive Examination

The following 13 hours must be completed for a Texas teaching certification:

- EDU5199 Writing/Research in Graduate Education
- REA3330 Literacy and the Young Child
- REA3340 The Reading/Writing Connection
- ESP4660 Clinical Teaching

Students must pass the appropriate content TExES exam prior to enrolling in ESP 4660.

### Certification Only Programs

Students seeking admission into the certification programs must meet the general admission requirements for graduate admission.

**Special Education Certification CORE**

Certification only post-baccalaureate program in special education for those holding Texas teaching certification.

(15 hours)

- EDU5312 Exceptionality
- EDU5344 Working with Parents and Families of Children with Special Needs
- EDU5346 Behavior Management of Children with Special Needs
- EDU5347 Assessing Children with Special Needs
- EDU5348 Adapting the Curriculum for Children with Special Needs

**Educational Diagnostics Certification**

Certification only post-graduate program in diagnostics for those holding Texas teaching certification with two years of creditable teaching experience.

(24 hours)

- EDU5312 Exceptionality
- EDU5340 Achievement Testing/Authentic Assessment
- EDU5342 Intelligence Testing/Authentic Assessment
- EDU5343 Cross-Battery Assessment for Learning Disabilities
- EDU5344 Working with Parents and Families of Children with Special Needs
- EDU5346 Behavior Management of Children with Special Needs
- EDU5348 Adapting the Curriculum for Children with Special Needs
- EDU5360 Seminar/Practicum for the Educational Diagnostician

**Secondary Education Certification (Teacher Prep)**

Certification only post-baccalaureate program in secondary education for those possessing at least 24 hours in a teaching field with 12 upper level hours.

(25 hours)

- EDU5199 Writing/Research in Graduate Education
- EDU5304 Curriculum and Instructional Design
- EDU5312 Exceptionality
- EDU5313 Classroom Management
- EDU5316 Ethics for the Educator
- EDU5317 Assessment and Evaluation
- EDU5329 Content Area Literacy
- EDS4660 Clinical Teaching

Students must pass appropriate content PACT exam to be admitted to the Educator Certification Program by completion of 9 hours of coursework.

**Principal Certification**

Program leading to the Principal Certification for those holding a master's degree and two years of creditable teaching experience.

(24 hours)

- EDU5315 Curriculum and Instructional Leadership
- EDU5320 Educational Law
- EDU5323 Administrative/Leadership Theory
- EDU5324 Administration of Special Programs
- EDU5326 The Principalship
- EDU5327 Administrative Practicum
- EDU5331 Business and Personnel Management
- EDU5333 School and Community Leadership

## **Superintendent Certification**

Program leading to the Superintendent Certification for those holding a master's degree and meet other requirements established by the State Board of Education.

(15 hours)

- EDU6101 Superintendency Practicum A
- EDU6102 Superintendency Practicum B
- EDU6103 Superintendency Practicum C
- EDU6301 School Finance
- EDU6302 School District Policy and Politics
- EDU6303 School District Evaluation
- EDU6304 The Superintendency





## Graduate Nursing

### Faculty

- LaNell Harrison, Ph.D., RN, Director of Graduate Nursing
- Dan Hatch, DNP, APRN, FNP-BC, Coordinator of FNP Program
- Beverly Byers, Ed.D., RN
- Cindy Ford, Ph.D., RN, CNE
- LaNell Harrison, Ph.D., RN
- JoAnn D. Long, Ph.D., RN, NEA-BC

### Degree

To earn a degree, students must complete the curriculum and meet other requirements for a degree listed in the academic policy section of this catalog.

- [Master of Science in Nursing](#)

### Admission to the MSN Program

- See graduate admissions section of university catalog.

### Enrollment Requirements

- Student liability insurance is purchased by the Department of Nursing at group rates. A fee is assessed to cover the cost.
- Criminal background checks are required prior to enrollment. Information is available in the Department of Nursing office.
- Students need a current passport for enrollment in NUR 5306/5308 Global and Cultural Health I and II.

### Professional Portfolio

Candidates for the MSN will develop a professional portfolio over the course of the program. Criteria for development of the portfolio are presented in the Introduction to Graduate Studies Course taken the first semester of enrollment. The concepts and purposes of the portfolio will be developed further in subsequent classes and are part of the capstone course. The portfolio enables students, in a formal setting, to present a synthesis of their graduate course work to the faculty, especially emphasizing how they have integrated its advanced concepts into their professional behavior as nursing educators and leaders and as family nurse practitioners. The portfolio is presented in the final semester of required coursework. Satisfactory portfolio development and presentation is required for successful completion of the MSN program.

### Master of Science in Nursing

The Master of Science in Nursing is accredited by the Accreditation Commission for Education in Nursing (ACEN). The program is designed to equip the learner with the knowledge, skills, and values identified in the American Association of Colleges of Nursing (AACN) *Essentials of Masters Education for Advanced Practice Nursing*. The AACN essentials provide a foundation for the graduate curriculum. The Master of Science in Nursing has two tracks; Education/Leadership Track and Family Nurse Practitioner (FNP) Track. Each track has its own admission requirements and curriculum.

### Master of Science in Nursing—Education/Leadership Track

The Master of Science in Nursing—Education/Leadership Track requires 35 hours. The ANA professional nursing standards domains of practice for the role of nurse educator (nursing professional development), nurse leader (nursing administrator), and National League for Nursing Core Competencies of Nurse Educators are discussed within the program curriculum. Graduates who meet work experience and continuing education requirements are prepared for optional national certification as a nurse educator (staff development focus), or nurse executive through the American Nursing Credentialing Commission or the National League for Nursing (academic nurse educator certification). The program is designed to accommodate the registered nurse who is working full-time. It employs a combination of innovative methods to deliver the curriculum offered within a traditional semester. The majority of classes will use a short-course format meeting three to four days per semester supplemented with online instruction. Graduates from the program will be qualified to find employment in a variety of nursing education and leadership positions in hospital and community based health care organizations.

Education/Leadership Track Curriculum (35 hours)

- NUR5200 Introduction to Graduate Studies
- NUR5302 Research and Statistical Methods
- NUR5311 Professional Issues: Law and Ethics
- NUR5301 Education: Theories in Teaching and Learning
- NUR5303 Education and Information Technology Applications
- NUR5304 Management of Health Care Resources
- NUR5305 Nursing Theory
- NUR5306 Global Culture and Health I
- NUR5307 Applying Best Practices in Community Health Care
- NUR5309 Leadership and Management Skills
- NUR5310 Education/Leadership Capstone Practicum
- 3 hours from
  - NUR5308 Global Culture and Health II
  - NUR5313 Pharmacotherapeutics
  - NUR5312 Pathophysiology
  - NUR5361 Interpersonal Counseling Skills in Human and Organizational Behavior
  - NUR5399 Independent Study

### **Master of Science in Nursing—Family Nurse Practitioner Track**

The Master of Science in Nursing—Family Nurse Practitioner (FNP) Track requires 46 hours. The MSN—FNP Track is designed to prepare graduates to sit for the American Nurses Credentialing Center (ANCC) or American Association of Nurse Practitioners (AANP) board certification exams to assume a primary care role in a clinical setting. Admission to the cohort-based program is limited. Applications are accepted beginning August 1 and close January 15 and the program begins each May. The program uses a combination of traditional and hybrid instructional delivery methods with a substantial amount of time in lectures, labs, and clinical experiences.

#### FNP Track Curriculum (46 hours)

- NUR5200 Introduction to Graduate Studies
- NUR5302 Research and Statistical Methods
- NUR5311 Professional Issues: Law and Ethics
- NUR5101 Advanced Practice Nursing and Forensics: High Risk Populations
- NUR5202 Family Nursing Practitioner Role, Leadership, and Theory
- NUR5204 Advanced Diagnostics and Procedures
- NUR5312 Pathophysiology
- NUR5313 Pharmacotherapeutics
- NUR5334 Advanced Health Assessment
- NUR5338 Advanced Nursing Care: Pediatrics
- NUR5341 Advanced Nursing Care: Adult/Geriatrics
- NUR5344 Clinical Practicum: Women/Prenatal
- NUR5640 Clinical Practicum: Primary Care Pediatrics
- NUR5643 Clinical Practicum: Primary Care Adult/Geriatrics
- NUR6300 Evidence-Based Project

### **Post-MSN Certificate—Family Nurse Practitioner Track**

The Post-MSN Certificate—Family Nurse Practitioner (FNP) Track requires 38 hours. The Post-MSN Certificate—FNP Track is designed to prepare nurses with the MSN to sit for the American Nurses Credentialing Center (ANCC) or American Association of Nurse Practitioners (AANP) board certification exams to assume a primary care role in a clinical setting. Students in the Post-MSN Certificate—FNP Track, are not eligible for federal financial assistance. Admission to the program is limited. Applications are accepted beginning August 1 and close January 15. The program uses a combination of traditional and hybrid instructional delivery methods with a substantial amount of time in lectures, labs, and clinical experiences.

#### Post-MSN Certificate FNP Track Curriculum (38 hours)

- NUR5101 Advanced Practice Nursing and Forensics: High Risk Populations
- NUR5202 Family Nursing Practitioner Role, Leadership, and Theory
- NUR5204 Advanced Diagnostics and Procedures
- NUR5312 Pathophysiology

- NUR5313 Pharmacotherapeutics
- NUR5334 Advanced Health Assessment
- NUR5338 Advanced Nursing Care: Pediatrics
- NUR5341 Advanced Nursing Care: Adult/Geriatrics
- NUR5344 Clinical Practicum: Women/Prenatal
- NUR5640 Clinical Practicum: Primary Care Pediatrics
- NUR5643 Clinical Practicum: Primary Care Adult/Geriatrics
- NUR6300 Evidence-Based Capstone Project

## Personnel

### Board of Trustees

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**Administration**

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Vice President for Student Affairs - Randal Dement

Assistant Vice President for Alumni and Community Relations - Sheila Dye

Assistant Vice President for Institutional Effectiveness - Randy Sellers

Chief Financial Officer - Brandon Goen

**Full-Time Faculty**

Jana Anderson (2005) Assistant Professor of English, Department of Humanities, Director of the Writing Center, M.A., Abilene Christian University.

Sam Ayers, (2014) Associate Professor of Education, School of Education, M.Ed., Trinity University, Ed.D, Texas Tech University.

Iona Baldrige (1979) Professor of Biology, Department of Natural Science, M.A., University of Texas at Austin, Ed.D., Texas Tech University.

Susan Blassingame (1993) Professor of English, Department of Humanities, Dean of the J.E. and Eileen Hancock College of Liberal Arts and Education, M.Ed., M.A., Angelo State University, Ph.D., Texas Christian University.

Vanessa Bolyard (2015) Assistant Professor of Nursing, Department of Nursing, M.S.N., West Texas A&M University, D.N.P., Texas Tech University Health Sciences Center.

Amanda Boston (2012) Associate Professor of Chemistry, Department of Chemistry, Ph.D., Texas Tech University.

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David Boyer (2000) Professor of Education, School of Education, Dean of School of Education, M.Ed., Ed.D., Texas Tech University

Tonia Boyer (2011) Lecturer of Education, School of Education, M.Ed., Ed.D., Texas Tech University.

Kaylene Brown (2014) Assistant Professor of Counseling, Department of Behavioral Sciences, M.Ed., Ph.D. Texas Tech University.

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Matt Byars, (2008) Associate Professor of English, Department of Humanities, M.A. Texas Tech University, Ph.D., Georgia State University.

Tim Byars (2000) Associate Professor of Government, Department of Humanities, J.D., Texas Tech University.

Beverly K. Byers (1982) Professor of Nursing, Department of Nursing, B.S.N., West Texas A&M, M.S., Texas Tech University, M.S.N., Texas Tech University Health Sciences Center, Ed.D., Texas Tech University.

Philip Camp (1996) Professor of Music, Department of Communication and Fine Arts, M.M., Arizona State University, Ph.D., Texas Tech University.

April Carrasco (2007) Assistant Professor of Social Work, Department of Social Work and Criminal Justice, B.S.W., Lubbock Christian University, M.S.S.W., University of Texas at Arlington.

Carole Logan Carroll (2000) Associate Professor of English, Department of Humanities, M.A., Ph.D., Texas Tech University.

LaLani Carter (2008) Lecturer of Behavioral Science, Department of Behavioral Sciences, M.A., Wayland Baptist University.

Jeff Cary (1999) Associate Professor of Theology, Department of Biblical Studies, Chair of Department of Biblical Studies, M.S., Abilene Christian University, M.Div., Harding Graduate School of Religion, Ph.D., Baylor University.

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Kathryn Crockett (1997) Professor of Business and Leadership, School of Business, M.S., Ph.D., Texas Tech University.

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Jennifer M. Dabbs (2001) Professor of Sociology, Department of Social Work and Criminal Justice, M.A., University of Pittsburgh, Ph.D., University of North Texas.

Russell E. Dabbs (2001) Professor of Economics, School of Business, M.S., University of North Texas, Ph.D., The University of Tennessee, Knoxville.

Terry Delaney (2014) Assistant Professor of Nursing, Department of Nursing, D.N.P., American Sentinel University, M.S.N., Lubbock Christian University.

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Jennifer Hardin (2012) Associate Professor of Education, School of Education, M.Ed., Ph.D., Texas Tech University.

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David Joyner (1984) Assistant Professor of Mathematics, Department of Mathematics, M.A., Eastern New Mexico University.

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Steven S. Lemley (2012) Distinguished Professor of Communication, Department of Communication and Fine Arts, M.A., Pepperdine University, Ph.D. Ohio State University.

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JoAnn Long (1993) Professor of Nursing, Department of Nursing, Director of Research and Development in Nursing, A.D.N., B.S.N., Georgia State University, M.S.N., Troy State University, Ph.D., University of Texas Health Science Center, San Antonio.

LynnAnne Lowrie, (2007) Assistant Professor of Behavioral Science, Department of Behavioral Sciences, M.M.F.T., Abilene Christian University, Ph.D., Texas Tech University.

Tracy Mack (1995) Assistant Professor of Business, Dean of the School of Business, M.B.A., Texas A&M University.

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Joe Marshall (2000) Assistant Professor of Business Information Systems, School of Business, M.I.S., Texas Tech University.

Julie Marshall (1998) Professor of Chemistry, Department of Chemistry, Chair of Department of Chemistry and Biochemistry, M.S., Ph.D., Texas Tech University.

- Kirt Martin (1978) Professor of Biology, Department of Natural Sciences, Assistant Dean of College of Professional Studies, M.S., Oklahoma State University, Ph.D., Texas Tech University.
- Michael Martin (2004) Professor of New Testament, Department of Biblical Studies, M.Div., Princeton Theological Seminary, Ph.D., Baylor University.
- Abraham Mata (2012) Associate Professor of Spanish, Department of Communication and Fine Arts, M.S.I.S., Ph.D., Texas Tech University.
- Kim McCullough (2010) Assistant Professor of Exercise and Sport Sciences, Department of Exercise and Sport Sciences, Chair of Department of Exercise and Sport Sciences, M.S., Texas Tech University.
- Shenai Alonge Moore (2011), Assistant Professor, Department of Humanities, M.A., Lubbock Christian University, M.A., Texas Tech University.
- Clyde Neff (2005) Associate Professor of Business, School of Business, M.B.A., West Texas State University.
- Keith Owen (1994) Professor of History, Department of Humanities, M.A., Ph.D., Texas Tech University.
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- Stacy Patty (1992) Professor of Religion and Philosophy, Honors College, Dean of the Honors College, M.Div., Harding University, S.T.M., Union Theological Seminary in the City of New York, Ph.D., Baylor University.
- Vanda Pauwels (1998) Associate Professor of Accounting, School of Business, M.S., Ph.D., Texas Tech University.
- Carlos Perez (2012) Associate Professor of Behavioral Science, Department of Behavioral Sciences, M.M.F.T., Abilene Christian University, Ph.D., Texas Tech University.
- Ronna Privett (1999) Professor of English, Department of Humanities, Chair of Department of Humanities, M.A., Ph.D., Texas Tech University.
- Shannon Rains (2016) Assistant Professor of Children's Ministry, Department of Biblical Studies, M.S., Abilene Christian University.
- Gonzalo Ramirez (2007) Professor of Education, School of Education, M.Ed., Texas Tech University, Ed.D., Texas Tech University.
- Karen Randolph (1978) Professor of Art and Digital Media, School of Business, M.F.A., East Texas State University.
- Dana Reeger (1997) Assistant Professor of Education, School of Education, M.Ed., Lamar University.
- Beth Robinson (1993) Professor of Counseling, Department of Behavioral Sciences, Director of Graduate Behavioral Sciences, M.Ed., West Texas State University, Ed.D., Texas Tech University.
- Brad Rogers (2007) Assistant Professor of Business, School of Business, Director of Graduate Programs, M.A., University of Phoenix.
- Byron Rogers (1986) Professor of Chemistry, Department of Chemistry and Biochemistry, Ph.D., Texas A&M University.
- Jessica Rogers (2011) Assistant Professor of Chemistry, Department of Chemistry, M.S., Lehigh University.
- Keith Rogers (1993) Associate Professor of Mathematics, Department of Mathematics, Chair of Department of Mathematics, M.S., University of North Texas, Ed.D., Texas Tech University.
- Toby Rogers (2003) Professor of Exercise and Sport Sciences, Department of Exercise and Sport Sciences, Dean of the B. Ward Lane College of Professional Studies, M.P.T., Texas Tech University Health Sciences Center, Ph.D., Texas Tech University.
- Gene Sheets (2015) Associate Professor of Education, School of Education, M.Ed., Abilene Christian University, Ed.D., Texas Tech University.

Ann Sims (2001) Assistant Professor of Mathematics, Department of Mathematics, M.A., Texas Tech University.

Perry Sims (2016) Assistant Professor of Criminal Justice, Department of Social Work and Criminal Justice, J.D., University of the Pacific, McGeorge School of Law.

Ryan Smith (2016) Associate Professor of Music, Department of Communication and Fine Arts, Director of Bands, M.M., Stephen F. Austin University, D.M.A., Texas Tech University.

Mark Sneed (1999) Professor of Bible, Department of Biblical Studies, M.A., Harding Graduate School of Religion, Ph.D., Drew University.

Charles Stephenson (1975) Professor of Bible, Department of Biblical Studies, M.Th., Th.D., New Orleans Baptist Theological Seminary.

Doug Swartz (2015), Assistant Professor of Natural Sciences, Department of Natural Sciences, Ph.D., Texas Tech University Health Sciences Center.

Josh Wheeler (2013) Assistant Professor of Education, School of Education, M.Ed., Lubbock Christian University.

Mark Wiebe (2013) Assistant Professor of Theology and Church History, Department of Biblical Studies, M.Div., Abilene Christian University, Ph.D., Southern Methodist University.

Mark Wilkinson (2014) Assistant Professor of Nursing, Department of Nursing, M.S.N., Lubbock Christian University, D.N.P., Samford University.

Michael Whitley (2001) Associate Professor of History, Department of Humanities, M.A., Southwest Texas State University, Ph.D., Texas Tech University.

Andy Young (1996) Professor of Behavioral Science, Department of Behavioral Sciences, M.S., Abilene Christian University, M.Ed., Ed.D., Texas Tech University.

Scott Young (2008) Assistant Professor of Physics, Department of Chemistry, M.S., San Diego State University.

### **Part-Time Faculty**

David Anderson (1996) Associate Professor of Organizational Communication, Department of Communication and Fine Arts, School of Business, M.A., Amberton University.

Jim Beck (1996) Assistant Professor of Missions, Department of Biblical Studies, M.S., Lubbock Christian University.

Rod Blackwood (1971) Professor of Animal Science, Provost, M.S., Ph.D. Texas Tech University.

Matthew Bumstead (2016) CEO in Residence, School of Business, M.B.A., Texas Tech University.

Hannah Dean (2017) Lecturer in Residence of Art, M.A.E., M.F.A., Texas Tech University.

Judith Flagle (2015) Lecturer in Residence of Education, M.S., Colorado State University, Ed.D., Texas Tech University.

Steve German (1996) Professor of Business, School of Business, M.B.A., Ph.D., Texas Tech University.

Gregg Greer (2007) Lecturer in Residence of Information Systems, School of Business, M.S.I.S, Baylor University, D.Sc., Dakota State University.

Clinton Inmon (2014) Lecturer in Residence of Political Science, Department of Humanities, M.S., East Texas State University.

Billy Kingston (2008) Professor of Education, School of Education, Ph.D., Texas A&M University.

Michelle Kraft (1994) Lecturer in Residence of Art, Department of Communication and Fine Arts, M.A., West Texas A&M University, Ph.D., Texas Tech University.

L. Timothy Perrin (2012) Professor of Law, President, J.D., Texas Tech University School of Law.

Lucy Porter (2000) Assistant Professor of Natural Science, M.S., Texas Tech University.

Darrell Price (1971) Assistant Professor of Exercise and Sport Sciences, Department of Exercise and Sport Sciences, M.Ed., Texas Tech University.

Lamar Reinsch (2015) Distinguished Professor of Business Management, School of Business, M.A., Central Michigan University, Ph.D., University of Kansas.

Laci Richardson (2017) Lecturer in Residence of Accounting, School of Business, M.S., Texas Tech University.

Jamie Roney (2016) Lecturer in Residence of Nursing, Department of Nursing, M.S., D.N.P, Texas Tech University Health Sciences Center.

Brian Starr (2004) Assistant Professor of Business, Executive Vice President, M.A.R., Abilene Christian University, M.B.A., University of Texas at Austin, Ph.D. Texas Tech University.

Barry Stephens (2000) Lecturer in Residence of Ministry, Department of Biblical Studies, M.Th., D.Min., Harding Graduate School of Religion.

Shawn Tyler (2012) Lecturer in Residence of Missions, Department of Biblical Studies, M.S., Abilene Christian University.

Don Williams (1969) Professor of Communications and Theater, Department of Communication and Fine Arts, M.A., Ph.D., Texas Tech University.

Monica Williams (2017) Lecturer in Residence of Exercise and Sport Sciences, Department of Exercise and Sport Sciences, M.S., Texas Tech University, M.B.A., University of Phoenix.

## Librarians

Mark Gottschalk (2017) Director, M.L.S., San Jose State University.

Maribel Castro (2013) Electronic Resources Librarian, M.L.I.S., University of North Texas.

Barbara Slate (1996) Technical Services Librarian, M.E.E., Lubbock Christian University, M.L.S., University of North Texas, M.Ed., Lubbock Christian University.

Karlee Vinyard (2015), Public Services Librarian, M.L.S., Texas Woman's University.

## Coaches

Paul Hise (2004) Athletic Director, M.Ed., Texas Tech University

Gary Belt (2011) Men's and Women's Golf, M.B.A. Amberton University

Nathan Blackwood (2003) Baseball, M.Ed. Harding University

Leigh Cordes (2018) Women's Cross Country and Track, B.S., Texas Tech University

Nick Cordes (2014) Men's Cross Country and Track, B.S., Ashland University

Alex Denning (2011) Women's Soccer, B.A., Ouachita Baptist University

Todd Duncan (2011) Men's Basketball, B.S., Texas Tech University

Paul Gilbert (2016) Men's Soccer, B.S., Liberty University

Steve Gomez (2003) Women's Basketball, B.A., Lubbock Christian University

Daren Hays (2010) Softball, B.S.E., Lubbock Christian University

Jennifer Lawrence (2004) Volleyball, M.S., University of Texas of the Permian Basin



## Course Descriptions and Symbols

### Course Numbering

A four-digit number identifies each course. The following shows the meaning of each digit for the course number 1302.

- First digit-class level
- Second digit-number of credits

Last two digits—sequence in department offerings. Final digit may indicate the semester the course is offered. Spring semester courses end in even numbers and fall courses in odd numbers. The letters F (fall), S (spring), or SU (summer) at the end of each course description indicates the semester the course will be offered. Term suffixes, such as O or E indicate odd or even numbered years. Departments may offer courses not listed in the catalog. Such courses are labeled special topics (52 suffix), undergraduate research (88 suffix), and in writings and research (99 suffix).

#### Lower level courses

- 1000-freshman
- 2000-sophomore
- Upper level courses
- 3000-junior
- 4000-senior

#### Graduate courses

- 5000-6000

### Symbols

- B-Offered both fall and spring each year
- CO-Corequisite
- D-Offered upon sufficient demand
- E-Offered every other year on even numbered years
- F-Offered each fall semester
- H-Honors Only
- M-Majors Only
- O-Offered every other year on odd numbered years
- PF-Pass/Fail
- PRE-Prerequisite
- S-Offered each spring semester
- SU-Offered each summer semester
- Y-Offered year round
- (3:1) Lecture hours per week: Lab hours per week

### (ACC) Accounting

2301 Principles of Financial Accounting. Measuring business transactions; financial statements, reporting, and analysis; accounting information systems, financial performance measures. F

2302 Principles of Managerial Accounting. Cost concepts and cost allocation; job order and process costing; activity-based systems; budgeting and cost behavior analysis; performance measurement and decision making. PRE: ACC 2301. S

3301 Intermediate Accounting I. Accounting environment; accounting process; financial statements; analysis of asset and liability elements. PRE: ACC 2302. F

3302 Intermediate Accounting II. Continuation of 3301. Analysis of stockholder equity elements; error and financial statement analysis. PRE: ACC 3301. S

3303 Cost Accounting. Cost concepts, behavior, and accounting techniques. Cost determination and decision making are emphasized. PRE: ACC 2302. F

3305 Special Problems in Accounting. Complex accounting applications. PRE: ACC 3302. F

- 3320 Business Ethics for Accountants. Examines various theories of ethics, stressing Christian ethics in an accounting context. PRE: ACC 2302. S
- 4301 Consolidations. Advanced accounting course dealing with financial accounting and reporting in the area of business combinations. PRE: ACC 3301. F
- 4305 Income Tax I. Study of federal income tax laws as they affect individuals. Emphasis on application of income tax theory. PRE: ACC 2302. F
- 4306 Income Tax II. Corporations, partnerships, trusts, estates, and gifts. PRE: ACC 4305. D
- 4308 Auditing. Auditing concepts, standards, and objectives; auditing procedures; sampling techniques; internal control evaluation; the audit report. PRE: ACC 3301. S
- 4309 Estate Taxation. Federal taxation of estates, trusts, and estate planning. PRE: ACC 4305. D
- 4310 Accounting Systems. Theories, techniques, and procedures of accounting information systems for organizations. PRE: ACC 2302. D
- 4315 Financial Statement Analysis. Advanced study of financial topics specifically related to financial statements used primarily for making decisions to invest in business. Includes analysis of financial statements focusing on ratio, comparative and trend analysis, certain valuation concepts, and company comparisons. PRE: FIN 3300. D
- 4330 Internship. Work in an area of business utilizing skills developed in the accounting program. PRE: Minimum of 12 upper level hours in accounting and approval of the instructor. D
- 5301 Accounting Research. Accounting research using professional and scholarly literature of accounting. D
- 5304 Governmental Accounting. Accounting for governmental and nonprofit entities. PRE: ACC 2302. S

### **(AEC) Agriculture Economics**

- 3304 Farm and Ranch Management. Economic and business principles applied for more profitable operation. D
- 3312 Natural Resources Economics. Integrated study of economic impacts of natural resources and private or political decisions that affect their uses. Focuses on local and regional case studies. Study of classical issues related to renewable and non-renewable resources as well as conservation and public policy concerns. SE
- 3315 Agricultural Policy. Governmental policy relative to farm programs, resource conservation, foreign trade, and rural development. FO
- 4314 Agriculture Finance and Credit. Principles of agricultural finance emphasizing cost and return from use of capital and credit, types and sources of credit and role of agricultural lending institutions. PRE: AEC 2303. FO

### **(AES) Aerospace Studies**

- 1105 Foundations of the United States Air Force I. Survey course that deals with the mission, organization, and function of the American military, especially as it applies to the United States Air Force.
- 1106 Foundations of the United States Air Force II. Survey course that deals with the Air Force in the contemporary world through a study of the total force structure, strategic offensive and defensive forces, general purpose forces and aerospace support forces.
- 2103, 2104 The Evolution of USAF Air and Space Power I and II. Survey course designed to examine general aspects of air and space power through a historical perspective. Historical examples are provided to analyze the development of the Air Force capabilities and missions as well as to demonstrate the evolution of today's air and space power. Students also focus on basic verbal and written communication skills and USAF core values.
- 3305 Air Force Leadership Studies I. Introductory management course emphasizing the individual as a manager in the Air Force. Individual motivation and behavioral processes, leadership, communication, and group dynamics are covered to provide a foundation for the development of the junior officer's professional skills as an Air Force leader. PRE: Acceptance into

Professional Officer Course.

3306 Air Force Leadership Studies II. Leadership theory and management practice are amplified through study of management of forces in change, organizational power, managerial strategy and tactics, and leadership ethics. PRE: Acceptance into Professional Officer Course.

4303, 4304 National Security Affairs and Preparation for Active Duty I and II. Examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to the refinement of communication skills. PRE: Acceptance into Professional Officer Course.

### **(AFA) Fine Arts**

2350 Introduction to Fine Arts. Interdisciplinary course designed to introduce the student to basic elements of art, music, and theatre. Taught as a team effort by the music, theatre, and art departments. F

### **(AGR) Agriculture**

1304 Principles of Soil Science. Study of the nature and properties of soils, including classification, physical properties, ecology of the soil, soil fertility, and soil conservation principles and practices. SE

4102 Agricultural Literature and Seminar. Reading assignments, current agricultural information, informal discussions, oral and/or written reports on pertinent agriculture topics. S

### **(ANS) Animal Science**

1303 Principles of Animal Science. Study of the modern field of animal agriculture. Emphasis on breeding, feeding, management, and marketing. (2:3) F

3303 Feeds and Feeding. Study of the principles of animal nutrition with an emphasis on feeding food animal species. Covers livestock nutritional requirements, protein and energy rations, the importance of micro and macro nutrients for livestock, nutritional diseases, and recent discoveries in nutritional research. Economy in feeding is emphasized. PRE: CHE 2402 or concurrent enrollment. FO

3314 Physiology of Farm Animals. Study of the physiological systems of animals including growth and development. S

3323 Physiology of Reproduction. Study of the reproductive processes in domestic animals with emphasis on male and female anatomy, endocrinology, estrous cycles, and fertilization. F

3403 Advanced Feeds and Nutrition. Chemical composition of foodstuffs; digestion, absorption, metabolism of nutrients and calculation of rations. S

4313 Concepts in Animal Health and Disease. Detailed study of the epidemiology and pathophysiology of diseases on domestic and wild animals. Major emphasis is placed on identification of risk factors, prevention, transmission, immunity and resistance, and pathogenesis of emerging and economically important animal diseases. SE

4324 Advanced Animal Nutrition. Biochemical and physiological bases for nutritional requirements of domestic animals. PRE: ANS 3403. SE

4330 Animal Science Practicum. Opportunity to visit selected livestock operations in the southwest. PRE: Junior standing and advisor approval. Travel fees. D

### **(ART) Art**

1303 Drawing I. Introductory studio course in drawing with attention to black and white media. Attention to development of self-expressive communication and composition in drawing through the use of line, texture, value, space and perspective. F

1304 Drawing II. Further development of self-expressive communication and composition through drawing with emphasis on color media. PRE: 1303 S

- 1305 Two-Dimensional Design. Introduction to the role of formalist design in art and visual media, with emphasis on two dimensional works. Studio activities explore elements and principles of design and composition. B
- 2000 Portfolio Review in Art. Faculty review of professional standards portfolio presentation for students in Bachelor of Fine Arts program. Students will be mentored in abilities, future academic plans, career interests, and provided direction and focus prior to continuing to upper level courses. Course required for Art majors upon completion of 15 hours of Art and/or Digital Media Arts coursework. Should be taken prior to junior year. D
- 2306 Life Drawing. Studio-based introduction to drawing the human figure using a variety of black and white and color drawing media. Drawing of live models and other figurative resources. PRE: ART 1304. FO
- 2307 Survey of Art History I. Survey of art history from prehistory to the 14th Century. Outside research required. F
- 2308 Survey of Art History II. Survey of Western painting, sculpture, architecture, and other arts from the 15th Century to the present. Outside research required. S
- 2310 Ceramics. Studio course in ceramics techniques, including hand-building and wheel-throwing approaches. Fee: \$120. SO
- 2311 Typography. Exploration of typographic structures, terminology and methods as a tool for visual problem solving. This studio course uses both hands-on and computer methods to address the language of type and its effective usage in design. Study of the language of type, its history and application, and attainment of working knowledge of this essential element to graphic design. PRE: ART 1305. D
- 2312 Three-Dimensional Design. Studio experiences and discussion to develop the use of elements and principles of design, composition, and visual expression through three-dimensional forms. A lab fee may be collected for materials as needed. PRE: ART 1305. SE
- 2316 Painting I. Introduction to painting that emphasizes visual self-expression/communication through basic techniques. PRE: ART 1303 or 1305. S
- 3303 Curriculum and Assessment in K-12 Art. Studies issues related to curriculum in the K-12 art class, including national and state level standards for visual arts, children's development in art, scope and sequence in curriculum design, budget and art materials, inclusion of learners with special needs, professional standards, and development of course objectives and assessment. PRE: Junior Status. SO
- 3304 Painting II. Studio-based continuation of methods and concepts learned in Painting I, with water-media, including acrylic and watercolor. Continued development of perceptual awareness, rendering, composition, and creative problem solving through study that may include still-life, figure, landscape, and abstract/conceptual subjects. PRE: ART 2316. S
- 3305 History of Modern Art. Study of Western art history and theory from the late 19th century through the early 21st century, including developments in avant-garde Modernism, and Post-Modernism. Examines critical subtexts and cultural milieu that influenced the transformation of Modern art. Outside research required. Satisfies general core fine arts history requirement. PRE: Sophomore standing. S
- 3306 Art and Children. Studies and activities to promote creative art expression for children with an emphasis on current trends in art education. B
- 3309 Painting III. Studio course that builds on methods and concepts learned in Painting I and II, with a concentration in oil-based media. Continued development of perceptual awareness, rendering, composition, and creative problem solving through study that may include still-life, figure, landscape, and abstract/conceptual subjects. PRE: ART 2316. S
- 3310 Printmaking. Studio course in printmaking techniques with focus on stenciling and relief printing. FE
- 3326 Sculpture. Study of tools and materials related to creation of art in three dimensions. Survey of primary sculptural techniques of addition, subtraction, substitution, and manipulation. PRE: ART 2312. D
- 4302 History of Art in the United States. Native American art, art during Colonial period through contemporary American artists. Emphasizes religious, political, economic, racial and other cultural contexts as reflected in period art. Satisfies general core fine arts history requirement. PRE: Sophomore standing. F
- 4303 Professional Practice and Special Problems in Drawing. Advanced drawing course where students work individually and

in groups toward concept and skill development in drawing. Students develop a singular theme for visual exploration, completing work in keeping with three credit hours of senior level studio work. Students learn professional practice of arts including portfolio development, photography of work, gallery installation standards, and professional development. PRE: Junior status and ART 1303, 1304, and 2306. D

4304 Professional Practice and Special Problems in Painting. Advanced painting course where students work individually and in groups toward concept and skill development in painting media. Students develop a singular theme for visual exploration, completing work in keeping with three credit hours of senior level studio work. Students learn professional practice of arts including portfolio development, photography of work, gallery installation standards, and professional development. PRE: Junior status and ART 2316 and ART 3304 or 3309. D

4305 Contemporary Issues in Art Education. Designed for all-level art education majors, studies contemporary issues relating to unique setting and practice of visual arts education in the K-12 classroom. Includes topics related to visual culture, including difference, arts education policy, art in public spaces, application of art theory to pedagogy, and professional development and practices. PRE: Junior status. SE

4308 Art Theory and Criticism. Explorations in criticism and the theories that have shaped and/or responded to Modern and Post-modern art. Outside research required. S

4360 Senior Seminar. Independent or class study in selected area with departmental approval required. May be repeated for credit with different emphasis. D

### **(BIB) Bible**

1010 Introduction to the Old Testament Supplement. Supplement to BIB 1310, for Bible majors who did not take BIB 1312 and have received credit for BIB 1310. Includes reading and writing designed to introduce the student to a critical introduction to the Old Testament. B

1020 Introduction to the New Testament Supplement. Supplement to BIB 1320, for Bible majors who did not take BIB 1322 and have received credit for BIB 1320. Includes reading and writing designed to introduce the student to a critical introduction to the New Testament. B

1310 Introduction to the Old Testament. Introduction to the Old Testament with careful attention given to God's covenant relationship with Israel. B

1312 Introduction to the Old Testament for Majors. Introduction to the Old Testament for majors with careful attention given to God's covenant relationship with Israel. Fee \$210. F

1320 Introduction to the New Testament. Introduction to the New Testament with careful attention given to the life and teachings of Jesus. B

1322 Introduction to the New Testament for Majors. Introduction to the New Testament for majors with careful attention given to the life and teachings of Jesus. Fee \$210. S

2302 Interpretation: Hermeneutics. Study of the art of interpretation and implementation of a proper exegesis of a specific biblical text. Introduction to tools of biblical research. Fee \$210. F

2303 Interpretation: Homiletics. Study of the art of preaching and its application to biblical text. Fee \$210. S

2310 Vocation and Life (H). Investigations into the nature of Christian living, with specific attention to an understanding of vocatio or calling. Integrates biblical and theological teaching regarding meaning and purpose, virtue and profession, with contemporary issues and topics. F

3300 Romans. Exegetical study of Paul's epistle with significant attention to Paul's theology and pastoral directives for the Roman church. A section is offered in the fall for majors only. F

3303 Old Testament Seminar (H). Examines Old Testament, with an emphasis on themes, history, literary structure, and sociology of biblical texts and periods. Specific courses may vary according to professor specialization or research interest. S

3305 Christian Heritage. Introduction to the historical and theological developments of the Christian church from the earliest days as recorded in the book of Acts to the present. B

- 3310 Christian Life. Integrate previous biblical studies instruction under praxis, textual studies, and service components. B
- 3312 The Nature of Scripture. Surveys the history of interpretive methods used in the study of scripture from pre-Christian Judaism through the present and explores ministerial and personal questions of faith that arise from a study of historical-critical methods, textual criticism, and canon formation. PRE: C in BIB 2302 or permission of instructor. S
- 4090 Practicum. Supervised internship in student area of ministry, culminating in a final, written report. Recommended for summer completion with fall enrollment. F
- 4302 Preaching Biblical Genres. Application of varied preaching forms to a selected biblical book or genres. PRE: BIB 2303. S
- 4311 Advanced Biblical Interpretation. Advanced studies in various areas of biblical interpretation. The specific semester emphasis, such as narrative exegesis, the Bible as literature, rhetorical criticism, and post-modern interpretation, will be reflected on the transcripts. Students may take the course only once. PRE: BIB 2302 and 2303. F
- 4360 Bible Department Capstone. Supervised research project in student area of specialization, culminating in a final, written thesis. This course, together with the Practicum, represents the culmination of coursework. S
- 6300 Introduction to Graduate Studies. Introduces graduate students to the expectations of research, writing, and ministry implications associated with the rigors of a master's degree. Students who transfer at least 12 hours of graduate studies with a GPA of at least 2.75 may substitute another class for this offering. B
- 6301 Introduction to the New Testament. Advanced introduction to the New Testament for exegetical and homiletic purposes with emphasis on the historical, literary, and theological dimensions of the text. D
- 6302 Hermeneutics. Study of the history of the application of hermeneutics to the biblical text with an emphasis on the current questions in biblical interpretation. FO
- 6305 Studies in the New Testament Text. Critical study and analysis of a selected New Testament book or genres for exegesis. Students may take each book or genre only one time. D
- 6306 New Testament Theology. Study of the doctrinal teachings presented in the New Testament. D
- 6307 Preaching Biblical Genres. Application of varied preaching forms to a selected book or genres of the Bible. D
- 6308 Studies in the Old Testament Text. Critical study and analysis of a selected Old Testament book or genre for exegesis. Students may take each book or genre one time. D
- 6309 Social World of Christianity. Exploration into the environment in which Christianity arose and spread. The history, daily life, and institutions of the period will be examined in conjunction with relevant New Testament texts. D
- 6310 Introduction to the Old Testament. Advanced introduction to the Old Testament designed for exegesis and preaching with an emphasis on the historical, literary, and theological dimensions of the text. D
- 6313 Biblical Archaeology. Dynamics of the interplay of history, religion, and culture of the Near Middle East through an archaeological lens. Students encounter concepts of worldview, morality, religion, and culture. D
- 6314 Social Perspectives of the Old Testament. Exploration into the environment in which the Old Testament texts were written. The history, daily life, and institutions of the periods will be examined in conjunction with Old Testament texts. D

### **(BIH) Biblical History**

- 6327 History of Christianity. Introduction to and survey of the history of Christianity, with an emphasis in the social, historical, and religious factors that influenced the formation of various groups and teachings. D
- 6329 American Church History. Survey of American church history focusing on the Restoration Movement, with an emphasis on the key personalities, teachings, and development of this period. D

### **(BIL) Biblical Languages**

- 2311 Elementary Greek I. Elementary study of the grammar, syntax, and vocabulary of the Greek New Testament. F

- 2322 Elementary Greek II. Further elementary study of the grammar, syntax, and vocabulary of the Greek New Testament. PRE: BIL 2311. S
- 3313 Elementary Hebrew I. Elementary study of the grammar, syntax, and vocabulary of the Hebrew Bible. FD
- 3324 Elementary Hebrew II. Further elementary study of the grammar, syntax, and vocabulary of the Hebrew Bible. PRE: BIL 3313. SD
- 3331 Intermediate Greek I. Intermediate study of the grammar, syntax, and vocabulary of the Greek New Testament. PRE: BIL 2322. F
- 3342 Intermediate Greek II. Further intermediate study of the grammar, syntax, and vocabulary of the Greek New Testament. PRE: BIL 3331. S
- 4336 Intermediate Hebrew I. Intermediate study of the grammar, syntax, and vocabulary of the Hebrew Bible. PRE: BIL 3324. FD
- 4345 Intermediate Hebrew II. Further intermediate study of the grammar, syntax, and vocabulary of the Hebrew Bible. PRE: BIL 4336. SD
- 4351 Advanced Greek I. Advanced study of the grammar, syntax, and vocabulary of the Greek New Testament. PRE: BIL 3342. D
- 4357 Advanced Hebrew I. Advanced study of the grammar, syntax, and vocabulary of the Hebrew Bible. PRE: BIL 4345. D
- 4362 Advanced Greek II. Exegesis, with attention to advanced grammar, semantics, and textual criticism. PRE: BIL 4351. SD
- 4367 Advanced Hebrew II. Exegesis, with attention to advanced grammar, Hebrew poetry, and textual criticism. PRE: BIL 4357. D
- 6311 Elementary Greek I. Introduction to Greek grammar and vocabulary. FE
- 6312 Elementary Greek II. Greek grammar with an emphasis on reading in the New Testament. SO
- 6314 Elementary Hebrew I. Introduction to Hebrew grammar and vocabulary. FO
- 6315 Elementary Hebrew II. Hebrew grammar with an emphasis on reading in the Old Testament. SE

**(BIO) Biology**

- 1300 Human Biology. Survey of human systems with an emphasis on integration of activities and heredity. No lab. Not for science majors. B
- 1303 Integrated Science I. Introduction to earth science and its relationship to the planets in the solar system, composition and atmosphere. Not for science majors. (2:3) F
- 1304 Integrated Science II. Study of matter and energy types and transformations. Includes a section on the relationship of plants and plant life to energy changes. Not for science majors. (2:3) S
- 1305 Contemporary Investigations in Biology. Contemporary issues in biology from evolution to genetics to ecology and ecosystem levels of biological organization. B
- 1405 Majors Biology I. Fundamentals of molecular biology, cell biology, and genetics. PRE: High school biology. (3:3) F
- 1406 Majors Biology II. Fundamentals of organization of both plants and animals, including biological diversity and interdependence. (3:3) S
- 2401 Human Anatomy and Physiology I. Structure and function of cells, tissues, and the general body plan; the integument, skeletal, and muscular systems. (3:3) F
- 2402 Human Anatomy and Physiology II. Continuation of BIO 2401. Structure and function of the endocrine, circulatory, respiratory, digestive, excretory, and nervous systems, as well as a study of fluid, electrolyte and Ph balance of the body. (3:3)

## S

- 3111 Microbiology Lab. Lab to be taken concurrently with BIO 3310. For science majors only. B
- 3300 Genetics. Principles of inheritance from both a classical and molecular perspective. PRE: BIO 1405. S
- 3301 Introductory Genetics. Overview of the principles of inheritance for nursing majors. B
- 3303 Cell and Molecular Biology. Structure and functions of the cell. PRE: CHE 1305 or consent of instructor. (2:3) F
- 3304 Advanced Botany. Survey of the plant kingdom. Classification, structure, function and development are emphasized. (2:3) F
- 3305 Advanced Zoology. Survey of the animal kingdom. Classification, structure, function and development are emphasized. (2:3) S
- 3310 General Microbiology. Characteristics of microorganisms, their culture, uses, control and immunological aspects in industrial, domestic, and medical areas. Concurrent registration in the complementary laboratory course is required. PRE: CHE 1305 or 1307; BIO 1405 and 1406 or BIO 2401 and 2402. B
- 3314 Physiology of Reproduction. Study of the reproductive processes in domestic animals. Emphasis on male and female anatomy, endocrinology, spermatogenesis, fertilization, parturition, reproductive cyclicity, and reproductive behavior. F
- 3320 Analytical Biotechnology. Introduction to laboratory techniques and analysis used in biochemistry. Topics include gel electrophoresis, acrylamide electrophoresis, restriction enzyme digestion, transformation of cells, purification and analysis of DNA, protein purification, PCR, and bioinformatics. Laboratory exercises reinforce scientific method, lab safety, importance of laboratory notebooks, applied problem solving, and the fundamentals of instrumentation. (1:6) S
- 3322 Nutrition. Study of nutrients, their functions and food sources, recommended daily allowances, deficiency and toxicity symptoms, and sound principles for nutrition throughout the life cycle. B
- 3325 General Entomology. Introduction to entomology, including the biology and diversity of insects and an introduction to management of insect pests of man, animals and plants. (2:3) D
- 3406 Comparative Vertebrate Anatomy. Study of vertebrate structure with emphasis on comparison of organ systems. Representative forms will be used in the laboratory. PRE: BIO 2401 and 2402 or consent of instructor. (2:3) FO
- 4102 Biological Literature and Seminar. Review of classical and recent biological literature with both oral and written presentations required. PRE: Senior standing and 9 advanced hours in BIO. S
- 4112 Animal Physiology Lab. Animal physiology lab. CO: BIO 4312. S
- 4303 Evolution. History, evidences, and theories of the origin and development of living organisms. PRE: 6 hours of science. F
- 4304 Concepts in Immunology. Study of cellular and molecular components of immune system, host defense mechanisms against microbes and other foreign antigens, and diseases caused by inappropriate immune system responses. PRE: BIO 3303. S
- 4312 Animal Physiology. Functions of animal systems with emphasis on digestion, respiration, circulation and endocrinology. CO: BIO 4112. S
- 4318 Biometrics. Introduction to statistics with primary emphasis on the biological and agricultural disciplines. Foundational principles of statistical theory and application including terminology, graphing, probability distributions, correlation, regression, experimental design, and statistical inference are covered. SE
- 4324 Embryology. Stages in development and the control of these processes with emphasis on the vertebrates. (2:3) SO

**(BNT) New Testament**

- 3303 General Writings. Intermediate studies of Hebrews, James, 1 Peter, 2 Peter, 1 John, 2 John, 3 John, Jude, and/or Revelation. Specific topics will appear on the transcript. FO

3306 Paul's Epistles. Intermediate studies of 1 Corinthians, 2 Corinthians, Galatians, Ephesians, Philippians, Colossians, 1 Thessalonians, 2 Thessalonians, 1 Timothy, 2 Timothy, Titus, and/or Philemon. Specific semester topics will appear on the transcript. FE

4304 Acts. Advanced studies in the book of Acts. SE

4305 Synoptic Gospels. Advanced studies in Matthew, Mark, and/or Luke. Specific semester topics will appear on the transcript. SO

### **(BOT) Old Testament**

3303 Poetry and Wisdom. Intermediate studies in Job, Psalms, Proverbs, Ecclesiastes, Song of Solomon, and/or Lamentations. Specific semester topics will appear on the transcript. FO

3304 Historical Books. Intermediate studies in Joshua, Judges, Ruth, 1 Samuel, 2 Samuel, 1 Kings, 2 Kings, 1 Chronicles, 2 Chronicles, Ezra, Nehemiah, and/or Esther. Specific semester topics will appear on the transcript. SE

3305 Minor Prophets. Intermediate studies in Hosea, Joel, Amos, Obadiah, Jonah, Micah, Nahum, Habakkuk, Zephaniah, Haggai, Zechariah, and/or Malachi. Specific semester topics will appear on the transcript. SO

4306 Old Testament Law. Advanced studies in Genesis, Exodus, Leviticus, Number, and/or Deuteronomy. Specific semester topics will appear on the transcript. PRE: BIB 3312 or permission of instructor. FE

4307 Major Prophets. Advanced studies in Isaiah, Jeremiah, Ezekiel, and/or Daniel. Specific semester topics will appear on the transcript. D

### **(BUA) Business Administration**

1300 Introduction to Business. Survey of the nature of business and its relationship to society. Designed for beginning freshmen and students with no more than 6 hours of business administration courses. F

2199 Free Enterprise. Students in Free Enterprise participate in projects, attend competitions, and make presentations. F

2299 Free Enterprise. A continuation of BUA 2199. S

2310 Business Statistics. Collection, presentation, analysis, and interpretation of statistics applicable to business. PRE: MAT 1311. B

3302 Case Study Analysis. Case study approach to identifying and solving problems in organizations. D

3305 Principles of Marketing. Current trends in marketing conditions, marketing agencies, factors affecting buying. F

3306 Consumer Behavior. Buying decision process and factors affecting buying behavior. Development of effective marketing strategy and tactics by understanding how and why consumers respond to marketing stimuli. PRE: BUA 3305. S

3310 Money and Banking. Organization and operation of commercial banks and the money market. Examination of central banking and monetary policy. PRE: ECO 2301. B

3320 Business Ethics. Examine various theories of ethics, stressing Christian ethics in a business context. Special emphasis on current topics in business ethics. Fee \$65. B

4199 Leadership in Free Enterprise. Leadership role in Enactus student organization. Identifying and initiating projects in free enterprise, recruitment of new team members, organizing team, and encouraging participation. Readings and other assignments are assigned to develop competencies in planning, leading, organizing, and controlling and their application to leadership in organizations. PRE: BUA 2299 and permission of Enactus coordinator. F

4299 Leadership in Free Enterprise. Continuation of BUA 4199. PRE: BUA 4199 and permission of Enactus coordinator. S

4300 Personal Selling and Sales Promotion. Selling and negotiating and sales promotion as related to new enterprise and ongoing firm. Promotional strategies especially for small business where uniqueness of promotional tools is more critical than in large businesses. PRE: Junior standing. D

- 4301 Business Law. Introduction to the law stressing contracts, negotiable instruments, agencies, mortgages, personal property, real property, and business organization. B
- 4304 Marketing Research. Research methods and techniques that aid marketing management and the application of these tools to the process of obtaining information upon which to base marketing strategy. PRE: BUA 2310 and 3305. D
- 4320 Leadership. Examines values-based leadership principles. Fee \$100. B
- 4330 Internship. Work in an area of business utilizing skill developed in the Business program. PRE: Senior standing and approval of the instructor. Y
- 4380 Business Policy. Integrative course focusing on an organization's pursuit of superior economic performance over a long term by deciding what business to be in and how to compete. This is a capstone course restricted to graduating seniors only. B

### **(CFM) Children's Ministry**

- 2311 Foundations of Children, Youth and Family Ministry. Introduces students to the world of children, youth and family ministry and contemporary influences on, and ways to approach, ever-changing youth culture. F
- 2326 Practice of Children and Family Ministry. Explores pragmatic side of ministry to children and their families by considering strategic issues of program management, faith development in children, ministry to self, and other issues leading to the development of effective ministers to children and their families. S
- 3301 Children's Spiritual Formation. Study and consideration of the spiritual formation of children in light of theological, psychological, sociological, and cultural realities. Considers attention to diversity and children with special needs, inter-generational ministry, equipping parents, and age-appropriate spiritual disciplines. FO
- 3302 Methods for Children's Spiritual Formation. Development of skills necessary to choose and implement programs and curriculum, develop teaching strategies to support spiritual formation of children within the church and home, and equip volunteers. SE
- 4090 Practicum. Supervised internship in student area of ministry, culminating in a final, written report. Recommended for summer completion with fall enrollment. F

### **(CHE) Chemistry**

- 1105 Inorganic Chemistry Lab. CO: CHE 1305. Fee \$50. F, SU
- 1107 General Chemistry Lab I. CO: CHE 1307. Fee \$50. B
- 1108 General Chemistry Lab II. CO: CHE 1308. Fee \$50. B
- 1305 Inorganic Chemistry. Inorganic chemistry for pre-nursing, human science, non-science majors. CO: CHE 1105. F, SU
- 1307 General Chemistry I. Introduction to chemistry for students majoring in science. Includes gas laws, bonding theory, atomic structure, solutions, acid-base and redox reactions. PRE: CHE1305 or high school chemistry. CO: CHE 1107. F
- 1308 General Chemistry II. Continuation of CHE 1307, including basic inorganic chemistry, aqueous reactions, rates, equilibrium, nuclear and some descriptive chemistry. PRE: CHE 1307. CO: CHE 1108. S
- 2402 Integrated Organic and Biochemistry. Organic and biochemistry for agriculture, nutrition, pre-nursing and education majors. Emphasis is on nomenclature, major functional groups and reactions of organic and biochemical. Not intended for chemistry or biology majors. PRE: CHE 1305, 1105. S
- 3101 Organic Chemistry I Lab. Practice in basic operations and preparations of organic chemistry using micro lab ware. CO: CHE 3301. Fee \$50. F
- 3102 Organic Chemistry II Lab. Additional organic chemistry preparations, functional group reactions, and identification of unknowns using traditional means, IR, and NMR spectra. CO: CHE 3302. Fee \$50. S
- 3105 Analytical Chemistry I Lab. Practice in analytical chemistry with an emphasis on wet methods,; gravimetric, titrimetric

and potentiometric analyses. PRE: CHE 1308. CO: CHE 3305. FO

3181, 4182 Undergraduate Research. Research in chemistry, where students complete a minimum of 180 hours, 12 hours a week for a 15 week term, work in the Biochemistry Research Laboratory in order to receive this credit. A paper summarizing the work, written in an appropriate journal style will be submitted by each student to the Research Supervisor/Course Instructor. May be taken up to four terms for a total of 4 credit hours of undergraduate research. PRE: Prior consent of Research Supervisor. B

3310 Laboratory Management and Demonstrations. Equips students to equip and organize a stockroom, conduct laboratory sessions with groups, and to safely and effectively use demonstrations. S

3301 Organic Chemistry I. Hydrocarbons, stereochemistry, and organometallics. PRE: CHE 1308. CO: CHE 3101. F

3302 Organic Chemistry II. Continuation of 3301 with other organic series, NMR, IR. PRE: CHE 3301. CO: CHE 3102. S

3305 Analytical Chemistry I. Quantitative chemical analysis by gravimetric and volumetric methods. PRE: CHE 1308. CO: CHE 3105. FO

3307 Advanced Instrumentation and Laboratory Methods. Study in the use of spectroscopic, spectrophotometric and chromatographic instruments in chemical analyses and the chemistry behind the instruments. S

3320 Analytical Biotechnology. Introduction to laboratory techniques and analysis used in biochemistry. Topics include gel electrophoresis, acrylamide electrophoresis, restriction enzyme digestion, transformation of cells, purification and analysis of DNA, protein purification, PCR, and bioinformatics. Laboratory exercises reinforce scientific method, lab safety, importance of laboratory notebooks, applied problem solving, and fundamentals of instrumentation. PRE: CHE 3301 or CHE 2402. (1:6) D

3406 Analytical Chemistry II. Analysis by instrumental methods: spectroscopic, electrical, and chromatographic. (2:6) SE

4102 Chemical Literature and Seminar. Emphasizes acquaintance with chemical literature and how to make a literature search. Includes research projects and a research paper. D

4123 Physical Chemistry Lab I. Practice in physical chemistry where the experiments emphasize thermodynamics and kinetics. CO: CHE 4323. FE

4311 Biochemistry I. Structure and properties of proteins, enzymes, carbohydrates, lipids, bioenergetics, and intermediary metabolism. PRE: CHE 3301 or concurrent. CO: CHE 4111. F

4312 Biochemistry II. Nucleic acids, protein synthesis, nutrition, the immune system, drug metabolism, and hormones. CO: CHE 4112. S

4323 Physical Chemistry I. Introduction to theoretical chemistry. Gas properties, thermodynamics, equilibrium, and electrochemistry. PRE: CHE 1308 and MAT 1402 or concurrent. CO: CHE 4123. FE

4424 Physical Chemistry II. Quantum mechanics, kinetics, spectroscopy. (3:3) SO

### **(COM) Communication**

1100, 2100, 3100, 4100 Electronic Activity Lab. Involvement in various productions assisting in setup, running, and post production activities for video and audio at university games, productions, and chapel. May be repeated for credit. B

1101, 2101 Yearbook Lab. Study and practice of fundamental principles of yearbook reporting such as photography, layout, and reporting. Students participate in the production of the campus yearbook. B

1105, 2105 News Lab. Study and practice of fundamental principles of news gathering and reporting. Students participate in the production of the campus news. B

1351 Principles of Mass Media. Introduction to mass media and the major issues that influence media. The course will be predominantly a discussion of these major issues, such as freedom of the press, and how issues influence the journalist and society. F

2303 Principles of Announcing. Fundamentals of announcing theory focusing on clear diction, delivery style, and thematic

elements of production. Students will produce audition tape for submission to industry. F

2311 Introduction to Public Address. Introduction to the basic theories of public speaking. An emphasis is placed on delivery skills and communication apprehension. Students learn to prepare and deliver informative and persuasive speeches in an appropriate manner. F

2312 UIL Events. Study of University Interscholastic League (UIL) speech events. Debate, oral interpretation, prose and poetry are among the events examined. Emphasis is placed on coaching and judging the events at the high school level. D

2340 Communication for the Professional. Professional communication situations relevant to student field. B

2348 Communication Theory. Introduction to formal research methods within the field and examination of quantitative and qualitative empirical techniques. F

2351 Introduction to Public Relations. Introduction to basic principles and trends of current public relations theories and practices and the workings of mass media. F

3301 Sports Writing and Reporting. Study of traditional storytelling formats with special instruction in sports style, interviewing techniques, research strategies, sports law, sports and new media, and issues of race and gender. FO

3310 Systems in Organizational Communication. Systems approach to communication principles applied to managerial situations. D

3313 Interpersonal Communication. Study of the human communication process in one to one encounters. SO

3331 Television Production. Study of basic aspects of live television production, including on-camera performance, and studio work such as control room fundamentals, operation of video cameras, audio, and directing. S

3342 Communication and Life Work (H). Analysis of political speaking and social movements in relation to ancient and contemporary communication theory. S

3343 News Reporting. Fundamental principles of news gathering and reporting. Focuses on ethical standards of journalism and modern practices of reporting in a convergent media environment. Practical applications for print, video, and audio reporting across variety of electronic media platform. FE

3350 Worship Media Production. Examines various issues, including song presentation software, media clips, copyright law, and use of live video in worship. Particular emphasis is placed on utilizing media to enhance worship and coordinating themed services. D

3354 Advertising. Study of mass media advertising, its selection and evaluation, including discussion of advertising theory, tactics and creativity. S

3371 Group Communication. Study of group behavior, participation, structure, leadership and the importance of group discussion to our society. F

3372 Intercultural Communication. Study of communication between peoples of various cultures and the issues that enhance and impede effective cross-cultural communication. SE

3374 Nonverbal Communication. Study of the various types of nonverbal behavior, as well as an examination of nonverbal issues such as deception, compliance gaining, and communicator competence. S

4321 Advanced Public Speaking and Rhetorical Analysis. Study of persuasion and rhetorical appeals through public speaking. Learning objectives include the rhetoric of messages in the public delivery forum, as well as presenting and improving the delivery of speeches. SE

4330 Communication Internship. Communication experience in local business context under the direction and supervision of management and faculty. Internship requires 90 hours of field placement. B

4341 Communication and Conflict. Focus on the nature of conflict in various setting; interpersonal, intercultural, organizational, and group. Communication strategies and theories are examined at each level. SO

4345 Introduction to Rhetorical Analysis. Examination of the theoretical elements of rhetorical theory, including an analysis and critique of contemporary artifacts. D

4372 Organizational Communication. Study of communication networks found in various business, industrial, educational, and social organizations. S

4374 Persuasive Communication. Study of the psychological and rhetorical principles employed in contemporary, social, political, and advertising campaigns. F

5301 Communication in Organizations. Study of communication networks and styles operating in organizations, especially educational institutions, as well as the role of the professional educator in those structures. D

### **(COU) Counseling**

5141 Christian Worldview in Counseling. Examination of the impact of a Christian worldview on individual and family beliefs, interaction, and structure. Consideration will be given to the role of a Christian worldview in counseling. Y

5301 Introduction to Mental Health Counseling. Study of the field of mental health counseling. Exploration of historic, philosophical, and sociocultural trends in mental health counseling. Topics include professional roles, functions, specialties, employment trends, preparation standards, credentialing, assessment, diagnosis, and ethical standards. An experiential component introduces counseling skills. Y

5310 Individual and Family Lifespan Human Development. Examines the stages of individual development as they occur in the context of the family life cycle. Consideration will be given to how various tasks, transitions, and events impact individuals and families at different stages of life. Students will integrate a linear individual perspective to human development with a systemic family perspective. Y

5314 Assessment of Individuals and Families. Examination of the major individual, marital, and family assessment strategies and instruments. Students will receive training in the use of both testing and non-testing approaches to assessment and appraisal. Attention will be given to the relationship between assessment, diagnosis, and treatment planning. Fee \$200. Y

5320 Research in Counseling. Survey and analysis of research methodology and program evaluation in the counseling profession. Topics include current trends in counseling research, writing research reports, and qualitative, quantitative and mixed methods design, and implementation and data analysis. Fee \$50. Y

5321 Statistics. Study of statistical concepts and their application to counseling. Emphasis on estimation and inferences, and statistical methods, including simple and multiple regression, single factor and multifactor analysis of variance, multiple comparisons, goodness of fit tests, contingency tables, nonparametric procedures, and power of tests. Y

5340 Professional Issues, Ethics, and Law. Focuses on the development of a professional attitude and identity as a marriage and family therapist and a professional counselor. Areas of consideration will include professional socialization, the role of professional organizations, licensure and certification, legal responsibilities and liabilities of clinical practice and research, family law, confidentiality issues, codes of ethics, the role of the therapist in court proceedings, and inter professional cooperation. Y

5343 Introduction to School Counseling. Foundations of the profession of school counseling. Includes examination of the philosophy, history, and current trends in school counseling and in education, as well as investigations of the concepts of developmental counseling programs for Pre-K-12 students and the ASCA national model and standards for school counseling programs. Special attention given to childhood mental health and behavioral disorders from the DSM-5. Y

5353 Psychopathology of Individuals and Families. Detailed overview of psychopathology and analysis of psychopathology in educational and counseling settings. Students will receive training in the use of the DSM-5 and its application. Diagnostic and treatment planning skills will be facilitated through the use of case studies. Y

5355 Advanced Psychopathology. Examines psychiatric diagnoses and the Diagnostic and Statistical Manual of Mental Disorders, theories of psychopathology, and basic knowledge of psychopharmacological medications. Fee: \$100. Y

5360 Counseling Theory and Practice. Examination of the major theories and models of counseling. Ethical and culturally relevant issues of in-person and technology-assisted relationships and the impact of technology on counseling is examined. Students expected to develop a coherent theoretical rationale for their therapeutic interventions. Y

- 5361 Techniques of Individual and Family Counseling. Introduction to the skills involved in developing effective helping relationships. The processes, principles, and techniques associated with counseling are explored. Experiential component fosters the development of basic interviewing, listening, and counseling skills. Additional techniques and resources are reviewed and evaluated. Y
- 5362 Career Counseling. Reviews concepts, issues, and trends in the field of career counseling and career education. It is designed to consider the role of the counselor in the career decision-making process of individuals across the lifespan. Consideration will be given to the relationships between work, career development, and family functioning. Fee: \$100. Y
- 5363 Group Counseling. Study of theoretical foundations of group counseling and group work. Emphasis on dynamics associated with group process and development. Ethical and culturally relevant strategies for designing and facilitating groups. Students are provided direct experiences to participate as group members and leaders in small group activities. Fee: \$100. Y
- 5364 Crisis Counseling. Study of crisis with emphasis on appropriate behaviors and responses to crisis. Applied therapeutic counseling in general and crisis intervention are presented along with strategies to alleviate crisis and deal with crisis aftermath. Y
- 5365 Advanced Counseling Techniques. Explores case conceptualization skills including diagnosing, intervention strategies, treatment planning, and case monitoring. Supervised experience in counseling through role playing, recorded interviews, observation analysis, evaluation of interviewing techniques. Special attention given to creative and active techniques and advanced skills in various treatment modalities. Y
- 5381 Foundations of Marital and Family Therapy. Comprehensive overview of the various theories and models of marital and family therapy. Consideration will be given to the therapeutic skills and assumptions associated with the following treatment approaches: cognitive-behavioral, inter-generational, narrative, solution-focused, structural, and strategic. Students will participate in an in-depth exploration of their own families of origin. Y
- 5382 Premarital and Marital Therapy. Study of the various theories and models of mate selection, marital interaction, and marital intervention. Students will receive training in diagnosing and intervening in dysfunctional relationship patterns. Strategies associated with premarital counseling and divorce adjustment counseling will also be explored. Y
- 5383 Counseling Children, Adolescents, and Their Families. Intensive overview of therapeutic strategies for working with children, adolescents and their families. Consideration will be given to developmental psychopathology. Techniques and strategies from Adlerian, behavioral, cognitive, humanistic, psychodynamic, and systemic approaches will be presented. Fee: \$100. Y
- 5384 Addictions. Study of definitions of addiction, substance abuse and dependence, and counseling persons with substance abuse disorders and process disorders. Holistic approach to treatment and recovery is emphasized. Assessment, initial treatment, and intervention techniques are explored for rehabilitation of substance use disorders. Y
- 5385 Multicultural Counseling. Review of multicultural counseling literature. Focus on promotion of self-awareness and self-knowledge, facilitation of the construction of cultural knowledge to increase awareness and sensitivity to issues affecting multicultural populations, identification of intervention strategies applicable to multicultural clients, and promotion of development of a personal philosophy of substance abuse disorders. Y
- 5391 Counseling Practicum. Integration of didactic and clinical material in the supervised practice of individual, group, marital, and family therapy. Weekly group and/or individual supervision sessions are included. PRE: Approval of program director. Fee: \$60. Y
- 5392 Counseling Internship I. Integration of didactic and clinical material in the supervised practice of individual, group, marital, and family therapy. Weekly group and/or individual supervision sessions are included. PRE: Approval of program director. Y
- 5393 Counseling Internship II. Integration of didactic and clinical material in the supervised practice of individual, group, marital, and family therapy. Weekly group and/or individual supervision sessions are included. PRE: COU 5392 and approval of program director. Y
- 6062 Comprehensive Exam. Comprehensive, written examination for a graduate degree. To be taken during the last semester. Y

**(CRJ) Criminal Justice**

- 2301 Introduction to Criminal Justice. Introductory course designed to familiarize students with the facets of the criminal justice system, the sub-systems and how they interrelate, processing of offenders, punishment and its alternatives, and the future of the criminal justice system. F
- 2302 Fundamentals of Texas Criminal Law. Study of Texas substantive procedural and evidentiary law with emphasis on the legal elements of the most commonly committed crimes as defined by the Texas Penal Code; warrants of arrest and search and seizure, including how to prepare affidavits in support of those warrants, for judicial approval and authorization based on the Texas Code of Criminal Procedure; the law of confessions and interrogations under Texas decisional law, and how to make lawful traffic stops under Texas criminal law. S
- 2303 Criminal Investigation. Overview of scientific crime detection and more detailed discussion of techniques for case management and documentation, the concept of proof, the impact of emergent technology on the investigative process, interacting with victims and witnesses, and interviewing suspects. Particular emphasis may be placed on the investigation of particular types of crimes, for example, homicides, sex offenses, child abuse, and hate crimes. F
- 2304 Legal Aspects of Law Enforcement. Investigation, arrest, search and seizure; constitutional and statutory law and the decisions of the United States Supreme Court and the Texas Court of Criminal Appeals. S
- 2305 Courts and Criminal Procedure. Examines procedural requirements for judicial processing of criminal offenders. Examines concepts of evidence sufficiency, standards of proof, due process, and constitutional safeguards. F
- 3301 Criminology. Overview of the major criminological perspectives and an examination of the social, political, and intellectual milieu within which each developed. The course focuses on the multi-disciplinary nature of criminological thought. F
- 3302 Juvenile Delinquency. Adjustment of youths as they take on the roles and statuses culturally defined for their age group; emphasis on causation, treatment, and prevention of juvenile delinquency; sociological principles for working with youth. Delinquency is reviewed as a form of deviant behavior. S
- 3311 White Collar Crime. Study of the ideas and perspectives that are dominant in the field of white collar crime. Topics such as organizational crime, occupational crime, legislation aimed at white collar crime, law enforcement, causes of white collar crime, and possible forms of intervention will be discussed. F
- 3312 Violent Offenders. Introduction to psychological issues relating to understanding, assessing, managing criminal and other abnormal behavior. An overview of mental disorders and their relationship to criminality and violence is provided. Topics include sanity, psychopathy, criminal profiling, serial killers, stalking, women who kill, and threat assessment. S
- 3321 Understanding Sexual Offending. Overview of the sexual offender. The origins and various motivations that lie behind sex crimes are explored as are treatment strategies and their relative effectiveness with different offender groups. Various approaches to community supervision are examined as are controversial issues such as castration of sex offenders. F
- 3322 Social Deviance. Psychological and sociological aspects of socially deviant behavior; theoretical overviews and implications for social control and social policy. S
- 3323 Family Violence. Theoretical issues, both past and present, regarding family violence in order to provide the student with an understanding of the salient issues. In addition, attention will be given to the impact family violence has on the victim and society, legal aspects of family violence, key factors associated with recognition of family violence, and pertinent research focusing on the subject. F
- 3324 Corrections, Probation, and Parole. Overview of the corrections system in the United States, including the legal and practical aspects of probation, parole, and incarceration systems; the court process; alternatives to imprisonment; corrections systems and functions; studies of those institutionalized in corrections facilities, including male, females, juvenile, and other special offenders; legal rights of those in corrections systems; and systems to reintegrate offenders from corrections facilities back into the community and society. S
- 3326 Crisis Intervention. Study of crisis situations in multiple settings with emphasis on appropriate behaviors and responses to crisis. Applied therapeutic counseling in general and crisis intervention are presented along with strategies to alleviate crisis and deal with crisis aftermath. S

- 4140 Senior Assessment Seminar. Comprehensive assessment of program learning outcomes. Includes instruction, mentoring, academic work outside of class, and an exam over the learning outcomes of the program. B
- 4321 Forensic Psychology. Study of the intersection of crime, law, and psychology. Emphasis will be placed on understanding how abnormal behavior is treated in the judicial system, as well as civil commitment and criminal competencies. F
- 4322 Drugs, Alcohol, and Behavior. Survey of psychological factors involved in drug use and an introduction to chemotherapy used in treatment of mental illness. S
- 4324 Crime Analysis and Crime Mapping. Overview of the field of crime analysis and crime mapping, including key concepts, definitions, and relevant criminological theory as well as methods and techniques of tactical, strategic, and administrative crime analysis and useful information about Internet sites that complement the topics discussed in class. S
- 4325 Forensic Computer Examination. Overview of high-technology crime; identity theft and other thefts on the information superhighway; digital child pornography and other abuses of children in cyberspace; financial fraud and con artistry on the Internet; investigating the Internet, including examination of online investigations and sting operations; seizure of digital evidence; obtaining and executing search warrants for digital evidence; law enforcement computer programs which aid in searching computer hard drives and computer media; legal issues pertaining to digital evidence; and the future of high-technology crimes. An intermediate knowledge of computer systems, software, and hardware is a prerequisite. F
- 4326 Terrorism and Homeland Security. Focuses on criminology and controversy of terrorism and issues of homeland security, surrounding the post 9/11 era in which we live. The course will investigate known terrorist groups and their operations around the world, as well as the U.S. position on terrorism and the War on Terror. S
- 4327 Cyber Crimes. Examines the legal and practical issues surrounding technology-assisted crimes that generally use the internet directly to commit the crimes, including fraud, stalking, theft, drug trafficking, domestic and international terrorism. Explores how computers and media are used to store evidence of crimes. SU
- 4328 Death Penalty. Examines legal issues surrounding the death penalty, including a historical review of the death penalty from colonial times to the present; analysis of the foundational cases of *Furman v. Georgia* and *Gregg v. Georgia*; a study of the issue of racial discrimination in imposing the death penalty; the legalities of imposing the death penalty on the mentally impaired and juveniles; due process issues and the death penalty, including selection of jurors and mitigating factors in capital cases; issues surrounding appeals and Habeas Corpus in death penalty cases; the evolving standards of decency and the 8th amendment ban on cruel and unusual punishment; and a study of the trends in and the future of the death penalty. S
- 4329 Gangs. Overview of gangs in our society and the challenges they pose for the criminal justice system. Studies critical components of dealing with gangs directly and indirectly, including juvenile delinquency, criminology, and sociology. Emphasizes distinction between gangs and gang members and the differences between the individual and group perspectives. F
- 4333 Professionalism and Ethics in Criminal Justice. Study of theories and practices in areas of legality, morality, values, and ethics as they pertain to criminal justice. Included will be such topics as police corruption, brutality, and methods of dealing with such practices, as well as the concept of profession and professional conduct. F

### **(DMA) Digital Media Arts and Applications**

- 2343 Motion Graphics. Beginning course in manipulating images in sequence with motion for web designers, graphic artists, etc. It utilizes graphics arts for expression and/or effective communication through motion for cartooning and interactive web design in a Mac environment. Lecture, demonstration, and hands on experience. Each student gains a working knowledge of Flash. Research project required. Fee \$50. S
- 2344 Multimedia Design. Animation techniques, photo manipulation, page layout, and video for use in multimedia and web design projects. Utilizes current Adobe software: InDesign, Illustrator, Premier, Flash, and Photoshop in a Mac environment. Requires an experiential knowledge of computer graphics, color, and design techniques. Project required. Fee \$50. F
- 3310 Digital Video I. Basic techniques for editing and manipulating digital media, such as video, sound, animation, and lighting. Introduction to film making, story boarding, shooting, editing, and production. Utilizes current software to manipulate and control image output. Combines dissimilar elements to form powerful imagery in a Mac environment. Course includes use of digital video camera, scanner, and Adobe software in a Mac environment. Research project required. PRE: DMA 2344. Fee \$50. F

3331 Game Design. Introduction of game design with Unity 3D game engine including storytelling, game genre, theme, audience, production, player considerations, scripts, sequences, testing, and debugging. Research project required. Instructor permission required. Fee \$50. SE

3332 Digital Fundamentals and Imaging. Beginning course in digital photography, image manipulation, basic art elements, design principles, color theory, and composition. Utilizes Adobe Photoshop, a current image manipulation software along with beginning digital camera techniques, bringing dissimilar elements together in order to form powerful imagery. Course emphasis is on composition and development of self-expression. Access to a digital camera required. Research project required. PRE: Junior status. Fee \$50. B

3341 Advertising Design. Beginning course for visual communicators, such as artists, graphic designers, marketing advertising, and image consultants, interested in graphic arts for expression and more effective communication. Includes advertising campaigns, editorial illustrations, oral presentations, retail packaging designs, and displays. Lecture, demonstration, and hands on experience. Students gain a working knowledge of Adobe Illustrator and Photoshop in a Mac environment. Research project required. PRE: ART 1305 or DMA 3332 and junior status or departmental permission required. Fee \$50. F

3342 Document Design. Contemporary design, graphics and production of mass media publications, including brochures, newsletters, annual reports, magazines, newspapers, and web content with emphasis on desktop publishing technologies. Additional emphasis on typography, papers, inks, color, production and layout. Utilizes Adobe software InDesign and Photoshop. Research project required PRE: DMA 3332 and junior status or departmental permission. Fee \$50. S

4310 Digital Video II. Continuation of DMA 3310. PRE: DMA 3310. Fee \$50. D

4324 Three-Dimensional Modeling. Introduces the principles and processes of 3-D modeling and animation. Areas covered include 3-D space navigation, modeling tools, rendering methods, animation concepts, material properties and creation of textures. A large range of tools and industry techniques will be covered. The creation of complex mechanical and organic 3-D objects. Software: Maya and Adobe Photoshop in a Mac environment. PRE: DMA 2344 or permission of instructor. Fee \$50. SO

4330 Digital Media Internship/Portfolio. Visual communication experience in a local business context under the direction and supervision of management and faculty. Internship requires 90 hours of field placement and portfolio development. B

### **(ECA) Extra-Curricular Activities**

1150, 1151, 2150, 2151 Online Campus News Staff. B

1161, 1162, 2161, 2162, 3161, 3162, 4161, 4162 Cheerleading. B

1163, 1164, 2163, 2164, 3163, 3164, 4163, 4164 Men's Soccer. B

1165, 1166, 2165, 2166, 3165, 3166, 4165, 4166 Women's Soccer. B

1171, 1172, 2171, 2172, 3171, 3172, 4171, 4172 Baseball. B

1173, 1174, 2173, 2174, 3173, 3174, 4173, 4174 Men's Basketball. B

1181, 1182, 2181, 2182, 3181, 3182, 4181, 4182 Women's Basketball. B

1183, 1184, 2183, 2184, 3183, 3184, 4183, 4184 Volleyball. B

1185, 1186, 2185, 2186, 3185, 3186, 4185, 4186 Softball. B

1191, 1192, 2191, 2192, 3191, 3193, 4191, 4192 Cross Country/Track. B

1193, 1194, 2193, 2194, 3193, 3194, 4193, 4194 Men's Golf. B

1195, 1196, 2195, 2196, 3195, 3196, 4195, 4196 Women's Golf. B

1300 Yearbook Staff. B

**(ECO) Economics**

- 2301 Macroeconomics. Introduction to macroeconomics. Emphasis on national accounts, monetary policy, fiscal policy. B
- 2302 Microeconomics. Introduction to microeconomics. Emphasis on theories of individual firms and market structures. PRE: ECO 2301. B
- 3301 Intermediate Macroeconomics. Determinants of long term economic growth, short term fluctuations in output and prices, and prominent schools of thought in macroeconomics; debates concerning the macroeconomic effects of fiscal and monetary policies. PRE: ECO 2302. F
- 3302 Intermediate Microeconomics. Extensions and applications of microeconomic theory. Theory of the consumer; costs of production and theory of the firm; firm behavior and market structure; markets for factors of production; markets and economic welfare. PRE: ECO 2302. S
- 4360 Seminar in Economics. Capstone course for economics majors. PRE: Senior standing. D

**(EDS) Secondary Education**

- 2310 Foundations of Education. Survey of major concepts related to the teaching profession with emphasis on educational history/philosophy, teaching as a mission, professional ethics, legal issues and culture of the school. 30 hours of field experience are required in the course. B
- 2320 Instructional Technology. Investigation of concepts and methods of using technology to enhance instruction, design curricula, and assess student achievement. B
- 3340 Middle School Education. Addresses the strikingly unique characteristics of young adolescents, age 10-14, along with strategies to meet their physical, intellectual, and social/emotional development and analyzes the functions of Middle School classrooms. S
- 4120 Clinical Teaching Orientation. Orientation for Clinical Teaching. PRE: Unconditional admission to Teacher Education Program and accepted into Clinical Teaching. Taken concurrently with EDS 4262, 4310 and 4660. B.
- 4310 Assessment and Evaluation. Address multiple aspects of the evaluation process at the secondary level. Topics include assessment theory, sound assessment practices, standardized exam data disaggregation (TExES, TAKS), and the Professional Development Appraisal System. PRE: Concurrent enrollment in EDS 4360 and 4660. B.
- 4330 Managing Diverse Classrooms. Study and practice of the concepts and methods used to successfully manage classrooms and student behavior respective of the diversity of content, culture, ethnicity and learning abilities present in today's schools. The presentation of multiple units of instruction is a major component of the course. Pre: Unconditional admission to Teacher Education Program and concurrent enrollment in EDS 4350. Fee \$135. B
- 4340 Reading, Writing and Thinking in Secondary and Middle Schools. Investigation of the concepts and methods used to successfully teach the important skills of reading, writing, and thinking in all secondary and middle school content areas. PRE: Unconditional admission to Teacher Education Program and enrollment in last semester before student teaching. B
- 4350 Design and Delivery. Study and practice of the interrelated processes of designing, delivering and assessing an instructional unit with emphasis on documentation of state and local curricular expectations. The presentation of multiple units of instruction is a major component of the course. PRE: Unconditional admission to Teacher Education Program and concurrent enrollment in EDS 4330. B
- 4262 Senior Seminar. Capstone seminar of topics related to the expectations for a beginning middle school, secondary, and all-level educators. Key topics include: Pedagogy and Professional Responsibility TExES preparation, the interviewing process, and professional, ethical, legal responsibilities. Pre: Concurrent enrollment in EDS 4120, 4310, and 4660. B
- 4660 Clinical Teaching. Culminating experience of the pre-professional teacher. This course is an all-day 15-week field experience under the supervision of university and secondary professional educators. PRE: Concurrent enrollment in EDS 4120, 4262 and 4310. Fee \$255. B

**(EDU) Education**

- 3350 Educational Psychology. Examination of physical, intellectual, social, and psychological growth and learning during childhood and adolescence. It includes the study of major theories of child and adolescent development, motivation, and measurement and assessment. Pre-service teachers will interact with experienced, practicing professionals as they observe, analyze, and apply developmental theories to learning. Fifteen hours of field experience are required. B
- 5301 Research for School Improvement. Introduction to basic elements of classroom action research, including developing research problems, collecting, organizing, analyzing and interpreting data, and problem solving. B
- 5302 Advanced Learning Theory and Human Development. Advanced study of learning theory, information processing, complex cognitive processes, motivation, and learner characteristics. SU
- 5303 Integrating Educational Technology. Study of both theoretical and practical characteristics of technology integration strategies, including using instructional software, using technology media, and integrating technology into the curriculum. B
- 5304 Curriculum and Instructional Design. Study of the major phases of the instructional process, the major theory basis associated with curriculum and instructional design, the educational advantages of using instructional design, and the principles of assessment as they are applied to educator decision making. B
- 5305 Methods of Reading Instruction. Presents current research based instructional methods and the reading theories that support these methods going beyond the basics of basal and whole language-based programs to examine the underlying processes readers use throughout the progression of reading development. D
- 5306 Working with the Gifted/Talented. Deals with the nature of giftedness as well as the curriculum and instruction in the variety of programs offered by school districts from heterogeneous classrooms to pull-out programs. D
- 5307 Content Area: Writing Assessment and Instruction. Focuses on various formal and informal methods of assessing writing along with all the content areas and will identify research based instructional strategies necessary to improve student learning based on the assessment information in the content areas. D
- 5308 Assessment and Identification of Educational Challenges. Collection, disaggregation, and evaluation of student performance data to identify strengths and underlying causes of weaknesses in the curriculum and instructional program. PRE: EDU 5309. F
- 5309 Differentiated Curriculum. Concentrates on the strategies employed to reach the needs of students in the various disciplines. F
- 5310 Elementary School Science and Math. Study of the science and math curriculum in the elementary school, including instructional practices, methodology and assessment, content integration, reflective analysis, and related innovations. F
- 5311 Elementary School Language Arts and Social Studies. Study of the language arts and social studies curriculum in the elementary school, including instructional practices, methodology and assessment, content integration, reflective analysis, and related innovations. PRE: REA 3340. S
- 5312 Exceptionality. Study of how exceptional children are classified, the organization of educational services and related services for exceptional children, the legal requirements associated with special education programs, and instructional strategies used with exceptional students. B
- 5313 Classroom Management. Study of classroom management principles designed to assist educators to effectively manage the behavior problems that today's students bring to school. The primary purpose of this course is to prepare teachers to be effective managers of their classrooms so that student learning is maximized. SU
- 5314 Seminar in Reading. Study of reading as both a process and a product, including a study of emergent literacy, reading in the content areas, comprehension, and various major approaches to reading instruction, including those that deal with readers having special needs. D
- 5315 Curriculum and Instructional Leadership. Study of educational leadership in our changing world, including a review of the qualities and ethical dimensions of effective leadership, systematically integrating curriculum and instruction, working with students, faculty, staff, and community, in collaboration, leading the instructional program, and understanding and responding to change. S,SU

- 5316 Ethics for the Leader. Study of the principles and theories of ethics, including philosophy and the Texas Educator Code of Ethics, with a focus on the multiple perspectives inherent to decision making in educational leadership. F,SU
- 5317 Assessment and Evaluation. Study of both formal and informal methods of evaluating and assessing student programs. B
- 5318 Basic Dyslexia I. History of early English language, definition and characteristics of dyslexia, and instructional strategies for promoting basic reading skills. CO: EDU 5319. B
- 5319 Basic Dyslexia II. Instructional strategies for integrating phrpheme introduction, phoenemic awareness, alphabetic principles and spelling in a multi-sensory setting. CO: EDU 5318. B
- 5320 Educational Law. Study of the legal bases of education at the national and state levels, including landmark court cases which have affected the organization and administration of schooling and the legal rights and responsibilities of educators and students. F,SU
- 5321 Principles of Supervision. Study of the principles of instructional and clinical supervision and leadership, including staff evaluation and development. Fee \$200. SU
- 5322 Educational Business Management and Finance. Study of school business management, including accounting, budgeting processes, purchasing, data processing, personnel management, and facilities management. D
- 5323 Administrative/Leadership Theory. Study of the principles and theories of organizational behavior, school administration, educational management and leadership, and the application of administrative concepts to problem solving in an educational setting. F,SU
- 5324 Administration of Special Programs. Study of the administration of special programs in schools, including the legal and academic processes involved in vocational-technical, career, compensatory, reading, and guidance programs.
- 5325 Advanced Curriculum Design and Development. Study of the principles of curriculum design, development, implementation, and evaluation as it relates to the public schools. CO: EDU 5350. S
- 5326 The Principalship. Study of the roles of the school principal in campus-level administration. Emphasis will be placed on human relations skills, instructional leadership, curriculum development, professional relationships, personnel supervision, staff development, and the management of student discipline. B
- 5327 Administrative Practicum. Field-based practicum designed as a capstone experience in the various areas of the principalship, such as curriculum development, instructional leadership, supervision, campus-based discipline, and/or school-based management. Fee: \$60. B
- 5328 Integrating for Enrichment. Study of the theory, methods, and techniques of developmentally integrating special subjects, such as art, music, exercise, and sports, into the elementary curriculum. D
- 5329 Content Area Literacy. Study of content area reading, writing, and thinking as strategic interventions in the secondary school and in special education classrooms. SU
- 5330 Issues in Education. Study of specific problems facing the secondary schools today. Emphasis will be placed upon identifying those problems and developing specific approaches to solving them. Case analysis will be the primary focus. D
- 5331 Business and Personnel Management. Study of the primary business and personnel management functions found in K-12 schools. S,SU
- 5332 Teaching with Merging Technologies. Study of and practical application of design and delivery of technology-related instructional tools, including Web 2.0, interactive television, the Internet, and other telecommunication technologies. SU
- 5333 School and Community Leadership. Study of the collaborative relationships between the school and its communities, including communication patterns, diversity issues, and resource mobilization initiatives. F,SU
- 5334 Internet Curriculum Integration. Study and practical application of various Internet related tools in both synchronous and asynchronous environments, such as discussion groups, newsgroups, virtual chats, world-wide-web and assorted search engines, and an examination of practical and policy issues related to the information explosion and the proper use of electronic network resources across educational disciplines. F

- 5335 Educational Technology Resource Management. Study about and development of strategies and resources in a systematic model toward managing technology resources including computers, data and video networking, satellite programs, and hand-held computers. S
- 5336 Technology Tools for Critical Thinking and Problem Solving. A study, development, and delivery of a comprehensive course project that focuses on student learning outcomes related to the TEKS, AECT and ISTE standards, and critical thinking within the K-12 environment to a conference or regional district peer audience. SU
- 5337 Leadership in the Technology Program. Study of the significant issues in the field of instructional technology, including critical issues, emerging technologies, instructional development, state of the art applications, future prospects, research and evaluation, and professional development. S
- 5338 Advanced Dyslexia. Instructional strategies for developing reading fluency, morphology, syntactical awareness, spelling rules for derivations and the cognitive and linguistic structure of written language in a multi-sensory setting. PRE: EDU 5318, 5319. B
- 5340 Achievement Testing/Authentic Assessment. Provides students with knowledge, skills, and experience in choosing, administering, scoring, and interpreting appropriate formal and informal achievement assessment instruments for a variety of children with possible special education needs. Report writing using the information gained from assessment instruments will also be covered. Fee \$50. S
- 5342 Intelligence Testing/Authentic Assessment. Provides students with knowledge, skills, and experience in choosing, administering, scoring, and interpreting appropriate formal and informal intelligence tests and informal assessment instruments for a variety of children with possible special education needs. Report writing using the information gained from assessment instruments will also be covered. Fee \$50. S
- 5343 Cross Battery Learning Disability Assessment. Provides students with knowledge, skills, and experience in choosing, administering, scoring, and interpreting appropriate formal and informal assessment instruments specific for determining the presence of a learning disability based on federal guidelines for diagnosis. Report writing using the information gained from assessment instruments will also be covered. PRE: EDU 5342. Fee \$50. SU
- 5344 Working with Parents and Families of Children with Special Needs. Study of counseling, educational, and interview procedures to allow the special education teacher to communicate and work effectively with parents and families of disabled students. SU
- 5345 Language Development in Children. Review of the development of oral language and the problems of disabled children in the area that affects learning and socialization. A review of intervention programs, techniques, and methods for use in the classroom. F
- 5346 Behavior Management of Children with Special Needs. Review of behavior management techniques used with students in educational settings, with specific emphasis upon their application to the problems posed by disabled students. F
- 5347 Assessing Children with Special Needs. Addresses the teachers' involvement with the assessment of special education students to include, (1) identification of special education students and the role that special education teachers play the use of individualized standard tests; (2) diagnosis of specific curriculum-based learning, with an emphasis on curriculum-based assessment; and (3) remediation of the learning problems with particular emphasis on developing appropriate goals and objectives for the IEP. S
- 5348 Adapting the Curriculum for Children with Special Needs. Focus on adapting the instruction and environment to meet the needs of special education students, with the primary focus how to provide the services and resources necessary for content mastery. The course will also address the different levels of the least restrictive environment. S
- 5349 Advanced Practicum in Special Education. Opportunity to develop projects for special education students while working students with disabilities. Fee: \$135. B
- 5350 Models of Teaching. Researched based study of instructional models and related teaching strategies and the impact of standards based assessment, learner diversity, and technology on teaching and learning. Focuses on designing instruction to address the varied needs and characters of learners, thinking at high cognitive levels, making connections, and assessment student progress. PRE: EDU 5308. CO: EDU 5325. S

5351 Capstone in Curriculum and Instruction. Collection and evaluation of student performance data for the purpose of identifying strengths and weaknesses in current curriculum and instruction and developing a modification and implementation plan to address found weaknesses. Students will build an e-portfolio and present and a curriculum and instruction plan to a committee of educators. CO: EDU 5325. F

5360 Seminar/Practicum for Educational Diagnosticians. Provides students with knowledge, skills, and experience for completing required paperwork, testing, and legal obligations required of educational diagnosticians. Students will also learn strategies for talking to parents and educational personnel regarding student assessments and educational plans, including participation for ARD meetings. PRE: EDU 5343. Fee \$50. B

6062 Comprehensive Exam. Comprehensive examination for graduate degree. Y

6101 Superintendency Practicum I. Guided experiences in central office administration under the supervision and direction of a central office administrator and a university professor. SU

6102 Superintendency Practicum II. Guided experiences in central office administration under the supervision and direction of a central office administrator and a university professor. F

6103 Superintendency Practicum III. Guided experiences in central office administration under the supervision and direction of a central office administrator and a university professor. Fee: \$60. S

6301 School Finance. Critical analysis of public school finance, emphasizing planning, budgeting, resource management, fiscal operations, and accountability with a special focus on financing Texas public school districts. SU

6302 School District Policy and Politics. Emphasis on policy and governance issues, including superintendent and board relationships, conflict resolution, communication, community relations, school law issues, communications, and ethics. F

6303 School District Evaluation. Evaluation of the overall effectiveness of a district in areas including, but not limited to academic effectiveness, school district climate, site-based decision making processes, financial stability and integrity, and physical plant efficiency using multiple assessment techniques that are based on state and national criteria and/or grounded in empirical research. F

6304 The Superintendency. Course examines the role and relationships of the superintendent of the local school district in a climate of restructuring and change for quality education. The major emphasis will be on the attainment of the TExES domains and competencies for Texas superintendent certification. S

### **(EEL) Elementary Education**

2307 Conceptual Development of Math for Elementary Teachers. Designed to develop a connection between the conceptual understanding of mathematical concepts and abstract thinking in the areas of number sense, patterns, operations, and pre-algebra for young children. F

2308 Conceptual Development of Math for Elementary Teachers II. Designed to develop a connection between the conceptual understanding of mathematical concepts and abstract thinking in the areas of number sense, patterns, operations, plane geometry, probability, measurement, interpretation of data, problem solving, and student assessment for the middle school child. S

2310 Teachers, Schools, and Society/Tutoring. Introduction to reality of the teaching profession in a diverse society. Includes minimum of 24 clock-hours tutoring students in classroom setting. B

2320 Instructional Technology. Study of the principles of instructional technology and the use of multi-sensory aids to facilitate learning. B

3306 Integrated Social Studies. Overview of the social sciences as related to elementary school curriculum. Content includes economics, geography, history, and political science. B

3320 Early Childhood Education. Introduction, overview, and analysis of basic principles, development, and types of programs designed to enhance the cognitive, physical, and social/emotional development of young children. Includes a minimum of twelve clock-hours in an early childhood classroom. B

4160 Teaching Certification I. Study of the Texas certification framework and teacher appraisal system with special emphasis

on the Early Childhood and Middle School Generalist TExES. B

4170 Teacher Certification II. Study of the Texas Certification framework and teacher appraisal system with special emphasis on professionalism and the Pedagogy and Professional Responsibility TExES. B

4210 Classroom Management and Organization. Study of various techniques and theories in organizing and managing elementary classrooms and student behavior. B

4301 Social Studies Methods/Practicum. Developmentally appropriate strategies and techniques for introducing social studies content to elementary and middle school students. Emphasis will be given to the development of integrated thematic curriculum guides and delivery of teaching units. Includes a two-week practicum. Fee \$50 B

4302 Mathematics/Science Methods. Developmentally appropriate strategies and techniques for introducing mathematics and science content to elementary and middle school students. Emphasis on the development of integrated thematic curriculum guides and delivery of teaching units. B

4320 Assessment and Evaluation in the Elementary School. Study of assessment and evaluation as applied to the elementary school. Fee \$135. B

4340 The Elementary School. Organization of elementary school functions with attention to theories, programs, and special needs. Includes observation and evaluation of classroom teaching. B

4650 Teacher Aide Practicum. Required of public school teacher aides to complete requirements for certification in EC-4. Requires current employment in the certification area, having completed a minimum of 1½ years in that position. The practicum will be no less than one semester. D

4660 Clinical Teaching in the Elementary/Middle School. Teaching under supervision in the elementary school for twelve weeks in an all-day assignment. Includes weekly seminar to address special topics. PRE: Admission to Educator Certification. Fee \$255. B

### **(ENG) English**

1301 Composition Studies. Study of the writing process that requires students to write extensively in a variety of modes and styles, including personal, academic, and research essays. Includes an application of research techniques and critical thinking. B

1302 Composition and Literature. Critical examination of a variety of literary forms and a careful examination of the writing process, culminating in a research paper. PRE: ENG 1301. B

1306 Writing About Literature (H). Examines critical thinking and writing, where students reading, discuss, and write about literature. Readings include great texts in non-fiction essays and speeches, short stories, poems, novels, and films. B

2301 Masterpieces of Literature. Critical study of selected works from the classical period through the Renaissance, including a study of classics in the non-Western tradition. PRE: ENG 1302. B

2307 Literature and Life (H). Drawing from classical literature primarily in the western tradition, Gilgamesh through Paradise Lost, the course seeks to understand the human condition as widely varying cultures and worldviews have defined it. F

3300 Literature for Children and Young Adults. Survey of available literature, including selection and evaluation standards and techniques for evoking a love of reading and responses to books. PRE: ENG 1302. B

3302 Introduction to English Studies. Examination of the methods and materials appropriate for teaching language, literature, and composition at the secondary level. PRE: ENG 1302. S

3304 Advanced Composition. Workshop approach to the theory and practice of writing creative non-fiction. PRE: ENG 1302. S

3305 Introduction to Creative Writing. Workshop approach to the craft of writing fiction, poetry, and drama. PRE: ENG 1302. F

3307 Classical and Contemporary Rhetoric. From the ancient world to the worldwide web—a study of influential texts in the development of rhetorical theory, with an emphasis on the art of written discourse. PRE: ENG 1302. FO

- 3308 Technical Writing. Design and preparation in a networked computer environment of special writing projects appropriate to the world of work, including resumes, letters, proposals, reports, instructions, and oral presentations. PRE: ENG 1302. B
- 3310 Writing Grant Proposals. Introduction to writing professional grants and proposals through the application of rhetorical principles. Practice in applying rhetorical principles to documents that manage change. PRE: ENG 1302, recommend ENG 3308. S
- 3311 American Novel. Study of the American novel with emphasis on trends in the twentieth century. PRE: ENG 1302. F
- 3313 American Literature to 1890. American literature from its beginnings to the rise of Realism. PRE: ENG 1302. S
- 3317 Approaches to Advanced Grammar. Study of the history of the English language and survey of traditional and modern grammars. PRE: ENG 1302. F
- 3318 Rhetoric of Design. Introduction to critical analysis of discursive and non-discursive artifacts, with focus on the rhetorical implications of design. PRE: ENG 1302, recommend ENG 3307. FE
- 3321 African-American Literature. Study of developing themes in African-American literature from the slave narrative to contemporary texts, including non-fiction, poetry, and fiction. PRE: ENG 1302. SE
- 3322 American Literature since 1890. American literature covering the periods of Realism, Modernism, and Post-modernism. PRE: ENG 1302. F
- 4301 Multicultural Literature. Study of literature by authors from a variety of geographical and cultural backgrounds. PRE: ENG 1302. D
- 4304 Fiction Writing Workshop. Round-table workshop requiring the production and presentation of short fiction and chapters from novels, culminating in a portfolio. PRE: ENG 1302, ENG 3305 or permission of instructor. SO
- 4306 Christianity and Literature. Study of how Christianity has shaped Western literature and aesthetics from Augustine forward, with emphasis on overtly Christian masterpieces. PRE: ENG 1302. F
- 4308 Poetry Writing Workshop. A round-table workshop requiring the production and presentation of poems in various genres, culminating in a portfolio. PRE: ENG 1302, ENG 3305 or permission of instructor. SE
- 4313 Studies in Drama. Study of selected works of Third World, European, British, and American drama. PRE: ENG 1302. FO
- 4314 Comparative Literature. Study of themes, such as love, justice, war, the quest, politics, and genres such as novel, epic, short story, drama, poetry, Bildungsroman, in world literatures in translation. PRE: ENG 1302. SO
- 4315 Major British Writers to 1800. A representative selection of the most significant British literature from Beowulf to Burns. PRE: ENG 1302. S
- 4316 English Novel. Study of the development of the English novel from its antecedents to the present with emphasis on trends in the twentieth century. PRE: ENG 1302. FE
- 4323 Major British Writers since 1800. Significant British literature from Blake to Philip Larkin. PRE: ENG 1302. F
- 4324 Studies in Shakespeare. Analysis of the development of Shakespeare's art and thought as viewed through his better known plays. PRE: ENG 1302. SE
- 4326 Literature and the Film. Review of film theory and a study of the written and filmed versions of significant works of literature. PRE: ENG 1302. FE
- 4360 Senior Seminar. Examines and verifies the research and writing skills of seniors specializing in English. D
- 5301 Advanced Seminar in Writing. Study of the writing skills typically encountered by educators in student centered schools. Included is a study of writing across the curriculum and writing as it relates to content areas. D

**(ESL) English as a Second Language**

3372 Teaching the Multicultural/Multilingual Student. Strategies and techniques for teaching and working with the multicultural/multilingual student. Introduces the principles of multicultural and bilingual education examines ways to adapt instruction and classroom context to address the needs of culturally, linguistically, and ethnically diverse students. F

3382 First and Second Language Acquisition. Focuses on the foundations of language teaching. Topics include English Language Learner (ELL) characteristics, First (L1) and Second Language (L2) acquisition theories, and applying major language teaching methodologies in the classroom. Development of language as related to bilingual education and the teaching of English as a second language. S

3392 English as a Second Language Methodology for Pre-K-12 Grade. Allows students to explore and reflect on the foundational knowledge for second language literacy by examining its philosophy, theory and examples of success in classroom practices. Topics include English Language Learner (ELL) characteristics, First (L1) and Second Language (L2) acquisition theories. Explore the application of major language teaching methodologies in Pre-K-12 grade classroom. D

**(ESP) Special Education**

3382 The Exceptional Child. Historical perspective of special education and the exceptional child with emphasis on children with speech handicaps, mentally retarded children, children with auditory and visual impairments, children who have behavioral disorders, and children who have neurological, orthopedic, and/or other health impaired disabilities. A minimum of 12 clock-hours of observation in a special education setting is required. B

4650 Teacher Aide Practicum. Required of public school teacher aides to complete requirements for certification in EC-4. Requires current employment in the certification area, having completed a minimum of 1½ years in that position. The practicum will be no less than one semester. D

4660 Clinical Teaching in the Special Education. Teaching under supervision in the elementary and/or secondary school for twelve weeks in an all-day assignment. PRE: Admission to Educator Certification. Fee \$315. B

**(ESS) Exercise and Sport Sciences**

1200 Personal Fitness and Wellness. Study of the health related aspects of fitness and the assessment of personal profiles leading to the development of positive attitudes in lifelong fitness. Fee \$50. Y

1201 Introduction to Exercise and Sport Sciences. Introductory survey of the field of exercise and sport sciences, including a historical review and current employment opportunities. B

1270 First Aid and CPR. Study of basic principles of first aid and CPR techniques. Fee \$50. B

2142 Theory and Practice IV. Theory and practice of fundamental movement activities. B

2310 Care and Prevention of Athletic Injuries. Study of diagnosis, treatment, and care of athletic related injuries. Fee \$50. B

2312 Team, Individual, and Outdoor Educational Activities. Provides developmentally appropriate teaching methodology, curriculum development, and refinement of teaching skills for team, individual, and outdoor activities. F

2314 Human Movement. Integrated analysis of the science of human movement mechanism related to the influences on performance in sport, work, and the activities of daily living. Includes basic biomechanical factors and concepts. PRE: BIO 2401. Fee \$50. Y

3301 Advanced Care of Athletic Injuries. Advanced study of diagnosis, treatment, and care of athletic injuries. PRE: ESS 2310 and BIO 2401 or consent of instructor. Fee \$50. F

3321 Management of Sport. Detailed examination into leadership effectiveness and group cohesion in exercise and sport science. Students will be able to identify, differentiate, and assess leadership effectiveness and group cohesion across the discipline. F,SU

3324 Sport in Society. Provides an analysis of sport and leisure in the United States from the standpoint of its socioeconomic impact and relevance, contemporary social organization, social psychological processes, and issues such as violence, inequality, sports and education, and social values. SE

- 3332 Foundations of Secondary Physical Education. Methods and materials of planning and instructing physical education classes in secondary schools. FE
- 3335 Exercise Psychology. Concepts in psychology applied to individual involvement in exercise. Emphasis on theoretical models and methods for assessing exercise adherence. Investigation of methods and strategies for behavior intervention and program development to promote adherence to exercise programs. SO
- 3340 Motor Learning and Control. Study of the fundamental concepts and applications of motor learning and control. Its primary focus is on movement behaviors that can be observed directly and on the many factors that affect the quality of these performances and the ease with which they can be learned. Fee \$50. Y
- 3341 Measurement and Evaluation in Exercise Physiology. Use of laboratory, field, and software tools to accurately collect, analyze, and interpret relevant and authentic data. PRE: BIO 2401 and BIO 2402. B
- 3356 Sport Psychology. Concepts in psychology as applied to individual involvement in sport and other forms of competitive activity. Emphasis on motivation, stress management, personality theory, performance enhancement, and group dynamics. F
- 3371 Physiology of Exercise. Study of the effects of physical exercise upon the major systems of the body. PRE: BIO 2401 and BIO 2402. Fee \$50. B
- 4230, 4330, 4430 Internship in Exercise and Sport Sciences. Practical experience in the selected area of specialization. Y
- 4300 Foundations of Elementary Physical Education. Methods and materials of planning and instructing physical education classes in elementary schools.
- 4301 Biomechanics. Study of components of forces applied to the body during various sport motions and exercise. Knowledge of forces applied to various joints and muscles during sport and exercise enhances teaching skill and technique as well as understanding the role of forces in natural motion and injury. PRE: ESS 2314. Fee \$50. FO
- 4302 Therapeutic Rehabilitation and Modalities. Principles of therapeutic exercise, the essentials of a rehabilitation program, physiological effects, and therapeutic indications associated with the use of standard modalities. PRE: ESS 2310 and BIO 2401 or consent of instructor. S
- 4322 Sport and Exercise Nutrition. Study of the metabolism of food by various tissues of the body and its relation to exercise. The role of diet in the development and treatment of some chronic diseases will be discussed along with the application of nutritional principles to enhance human performance. Fee \$50. F
- 4350 Principles of Strength and Conditioning. Fundamental concepts of training program design for both apparently healthy and athletic populations. Includes competencies required for the NSCA's Certified Strength and Conditioning Specialist (CSCS) examination. Fee \$50. S
- 4361 Exercise Testing and Prescription I. Physiological theory and its practical application to exercise testing and prescription. Includes competencies required for ACSM Exercise Specialist exam. PRE: ESS 3341 and 3371. Fee \$50. F
- 4362 Exercise Testing and Prescription II. Continuation of ESS 4361. Includes competencies required for the ACSM Exercise Specialist examination. PRE: ESS 4361. Fee \$50. S
- 4380 Senior Research. Capstone course which allows the student to present both written and oral findings related to a selected research topic within Exercise and Sport Sciences. B
- 4382 Life Span Motor Development. Study of development in the psychomotor domain. Areas of emphasis include learning theories physiological bases of skill behavior, the state of the performer, and application of instructional techniques in motor learning and skill performance. S,SU

### **(ESS) Activity Courses**

- 1101, 2101 Aerobics for Women. D
- 1102, 2102 Jogging. D
- 1103, 2103 Rock Climbing. D

1105, 2105 Bowling. D

1107, 2107 Golf. D

1108, 2108 Fitness Through Self-Defense. D

1112, 2112 Skiing. D

1115, 2115 Weight Training. D

1123, 2123 Bicycling. D

1125, 2125 Backpacking and Camping. D

1126, 2126 Spinning. D

### **(FIN) Finance**

2301 Personal Financial Planning. Budgeting, management of credit, investments, and estate planning. B

3300 Corporate Finance I. Introductory course in financial policies of corporations with attention to capital markets and investment theory. PRE: ECO 2301 and ACC 2301. B

3301 Real Estate Fundamentals. Examination of the real estate market, including operational, legal, financial, investment, and other aspects. Consideration is given to urban land use and land use planning. F

4302 Corporate Finance II. Advanced study of selected topics in business finance including leasing, mergers, business failure, capital budgeting, capital structure, and others. PRE: FIN 3300. S

4309 Investments. Study of personal and business investments. Stock markets, futures markets, money and capital markets, and portfolio analysis. PRE: FIN 3300. S

4311 International Trade and Finance. Study of the impact of the international environment on the American economy and individual business enterprises, including a consideration of international monetary problems, international trade and its financing and multinational enterprise. PRE: ECO 2301. F

4315 Financial Statement Analysis. Advanced study of financial topics specifically related to financial statements. Includes analysis of financial statements focusing on ratio, comparative, and trend analysis. PRE: FIN 3300. F

### **(FOL) Foreign Language**

1301 American Sign Language I. Introduces basics of American Sign Language (ASL) for students having little or no previous knowledge of ASL. Readiness for learning is approached by visual-gestural communication techniques, visual discrimination, and visual memory exercises. ASL questions, commands, and other simple sentence structures are introduced to develop rudimentary conversational skills in ASL. Information about the deaf community and deaf culture is introduced. F

1302 American Sign Language II. Continued development of American Sign Language (ASL) skills with primary focus on refining the use of basic ASL sentence types. Classifiers, spatial referencing, pluralization, and temporal and distributional aspects are introduced. Routine communicative functions of the language: asking, requesting, providing clarification, giving and asking for directions are learned. Additional information about the deaf community and deaf culture is included. PRE: FOL 1301. S

1303 Beginning Portuguese I. Introduction to reading, writing, listening, and oral skills in Portuguese while exploring aspects of the Luso-brazilian culture. D

1304 Beginning Portuguese II. Continuation of Beginning Portuguese I. PRE: FOL 1303. D

1321 Beginning Mandarin Chinese I. Introduction to reading, writing, listening, and speaking in Mandarin Chinese while exploring aspects of Chinese-language cultures. D

1322 Beginning Mandarin Chinese II. Continuation of Beginning Mandarin Chinese I. PRE: FOL 1321. D

- 1381 Beginning French I. Introduction to reading, writing, listening, and speaking in French while exploring aspects of French-language cultures. D
- 1382 Beginning French II. Continuation of Beginning French I. PRE: FOL 1381. D
- 1401 Beginning Spanish I. This introductory course develops reading, writing, listening, and oral communicative skills. The class is conducted primarily in Spanish. No previous knowledge of the language is required, but 1-2 years of high school Spanish are recommended. F
- 1402 Beginning Spanish II. This introductory course further develops the reading, writing, listening, and oral communicative skills covered in FOL 1401. This course will be conducted primarily in Spanish. PRE: FOL 1401. S
- 1481 Beginning German I. Introduction to reading, writing, listening, and oral skills in German while exploring aspects of German-language cultures. D
- 1482 Beginning German II. Continuation of Beginning German I. PRE: FOL 1481. D
- 2301 Intermediate Spanish I. Strengthens language skills and cultural competency through the analysis of linguistic and literary techniques in internationally acclaimed literary pieces and award-winning short films. PRE: FOL 1401 and 1402 or 8 hours advance credit in Spanish. F
- 2302 Intermediate Spanish II. Continuation of FOL 2301 further improving reading, writing, listening, and oral communicative skills. PRE: FOL 2301 or 11 hours of advance credit in Spanish. S
- 2303 Latin I. Introduction to Latin grammar, syntax, and vocabulary with readings from writings of classical authors. Attention is given to aspects of Roman culture that influenced Western thought and to the Latin influence on English. FO
- 2304 Latin II. Continuation of introduction to Latin grammar, syntax, and vocabulary with appropriate readings. SE
- 2313 Intermediate French I. Comprehensive review of major grammatical structures and vocabulary. PRE: FOL 1382. D
- 2321 Intermediate Mandarin Chinese I. Comprehensive review of major grammatical structures and vocabulary. PRE: FOL 1322. D
- 2322 Intermediate Mandarin Chinese II. Emphasis on using Chinese for study and work purposes. PRE: FOL 2321. D
- 2381 Intermediate German I. Comprehensive review of major grammatical structures and vocabulary. Conducted primarily in German. PRE: FOL 1482. D
- 2382 Intermediate German II. Continuation of Intermediate German I. Conducted primarily in German. PRE: FOL 2381. D
- 3301 Introduction to Latin American Life and Literature. Professional communication skills in Spanish through the study of Hispanic history, life and culture by blending essay writing, presentational speaking, and interpretive reading and listening. F
- 3302 Introduction to Hispanic Literature and Art. Continuation of FOL 3301 emphasizing Hispanic literature and art in Europe and the Americas. PRE: FOL 2301 and 2302 or 14 hours advance credit in Spanish. S
- 3311 Hispanic Culture and Communication. Beginning Spanish introduced in the first half of the course and second focuses on historical/cultural development of Hispanics in the United States. English readings explore issues of race, ethnicity, and integration, as well as Hispanic contributions to life in the United States. F
- 4301 Survey of Spanish Literature. Study of masterpieces of the literature of Spain from its origins to contemporary times. PRE: FOL 3301 and 3302. F
- 4302 Survey of Spanish-American Literature. Study of masterpieces of the literature of Latin America from its origins to contemporary times. S
- 4306 Advanced Grammar and Composition. Study of Spanish grammar with assignment of original compositions on topics of current interest. PRE: FOL 3301 and 3302. F
- 4360 Senior Seminar. Emphasizes improvement in understanding and speaking Spanish. S

**(GEG) Geography**

2300 Regional Geography of the World. Introduction to the spatial distribution of the human and physical geographic phenomena of the world within a regional framework. Topics of regional focus include the spatial distribution of physical factors such as geomorphology, relief, climate, and vegetation, and human factors such as economic, cultural, and political geography. BE

3342 Regional Geography of the U.S. and Canada. Introduction to the spatial distribution of the human and physical geographic phenomena of the U.S. and Canada. Topics include the spatial distribution of physical factors such as geomorphology, relief, climate, and vegetation, and human factors such as economic, cultural, and political geography. FO

**(GOV) Government**

2301 National Government. Introduction to the Constitution, framework, and organization of the American political system, including federalism, political parties, elections, and interest groups. B

2302 Texas State and Local Government. Introduction to the Texas state and local political system and comparison to state and local government throughout the United States. B

3313 Religion, Morality, and Politics. Examines conceptions of the soul, morality, and the political order, with emphasis on the place of religion in the American system. SE

3314 Comparative Politics and Development. Political culture, party systems, government institutions and political behavior in leading industrialized countries and selected lesser countries with a focus on comparative theories in political science. D

3323 American Foreign Policy and International Relations. Past and contemporary theories of international relations, the struggle for power, propaganda, diplomacy, international organizations, and an overview of American foreign policy. D

3325 History of Law. Considers legal traditions from the ancient world through the early modern period and their contribution to modern legal philosophies and institutions. D

3331 U.S. and Texas Public Policy. Overview of public policy making in the U.S. and Texas with an emphasis on the major policy issues of the present. D

3341 American Public Administration. Survey of the field of public administration, principles of administrative organization, and the structure of government charged with the carrying out of public policy. SO

4305 Constitutional Law. Analysis of Supreme Court decisions, showing their political, moral, and psychological impact on American society, including changing conceptions of the role of the Court in American society. FO

4306 Political Theory. Exploration of ancient, medieval, and modern political theories and their relationship to contemporary ideas, ideologies, and controversies. D

4380 Senior Research. Independent study designed for advanced students who will do some original research, give some reports, attend informal lectures, and participate in group discussions about a particular field of study. D

**(HIS) History**

1315 World History and Geography I. World history from the beginning of civilization to 1600 with a related emphasis on world geography. F

1316 World History and Geography II. World history from 1600 to the present with a related emphasis on world geography. S

2301 History of the United States I. History of the United States from the discovery of America to 1877. B

2302 History of the United States II. History of the United States from 1877 to the present. B

2350 History of Texas. Political, economic, and cultural developments in Texas from earliest settlement to the present. B

3310 History of Asia. Discussion of the nineteenth and twentieth centuries as the Asian nations emerge as the population and economic centers of the world. Containing three of the four most highly populated nations in the world, Asia grows in importance and influence in world affairs from the age of foreign control through independence and acceptance of its nations

as world powers. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. SO

3313 Colonial America. History of the United States from the colonization of Jamestown through the period of the early Republic. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

3315 Jeffersonian and Jacksonian America. Evaluates the targeting, absorption, and exploitation of United States expansion to the western frontier. Emphasis given to resultant tensions and conflict, whether national, ethnic, regional, or environmental. D

3318 The American West. Evaluates the targeting, absorption, and exploration of the expanding frontier of the United States. Emphasis is given to resultant tensions and conflict, whether national, ethnic, regional, or environmental. D

3320 History of Africa. Moving from the heyday of colonialism, an examination of the struggle of the African nations for independence and their achievements in developing stable governments in the face of racial, tribal, social, and economic problems. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

3323 Ancient History. Things your mummy never told you, from the rise of Mesopotamia and Egypt and the Greek democracies through the fall of Rome in 476. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

3330 History of Latin America. Examination of Latin America emerging from the Napoleonic wars as struggling nations, attempting to maintain their independence from European and North American influences. Discussion includes the rise of Latin American nationalism and the struggle of various Latin American nations to find a place in the sun outside of the shadow of U.S. and European political struggles. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

3340 History of Science (H). Study of the history of science with emphasis on paradigm shifts and sociopolitical influences that impact science. D

3341 America and the Middle East. Study of the origins of Islamic culture and the culture of the Arab world from seventh century BCE through the modern era. Evaluates the connections between Arab culture and the contemporary history of insurgency and terror as it currently relates to the United States. D

3342 History of Environmentalism (H). Study of the history of science with emphasis on paradigm shifts and sociopolitical influences that impact science. D

3344 History of Russia (H). Historical study of the world's largest nation, from Rurik to the modern era. D

4302 Civil War and Reconstruction. Examination of the course of events from the antebellum period through reconstruction, including political, social, cultural, military, and economic developments. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

4305 American Society and Religion: the Great Leveling, 1790-1920. Study of the process by which religious elites in America gave way to evangelicalism in the aftermath of the First Great Awakening. Throughout the 19th century, American religious experience was dominated by revivalism, millennialism, and utopianism. Considers these movements and their consequences in the social and political context of the times. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. FO

4313 The Gilded Age through the Jazz Age. History of the United States' modernization, from 1877 through 1929. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

4314 Recent America. History of United States from the onset of the Great Depression to the present. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

4315 The Great War and the Retreat from Responsibility. Study of World War I (1914-1918), through immediate aftermath, the subsequent battle over American foreign policy direction, and the triumph of isolationism in the neutrality acts of the 1930s. D

4316 Depression and War. In-depth analysis of the causes, impact, and legacy of the Great Depression and World War II. D

4320 Victorian Studies. Study of the social, political, and military history of Great Britain and the continent from the reign of the Hanoverian kings (1714) through the death of Victoria (1901). D

4325 History of England to 1714. Survey of the development of England from pre-history to the first Hanoverian king of

England. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. FO

4326 Modern Europe: 1715 to Present. Survey of European history from Louis XV to yesterday's newspaper. PRE: Completion of 6 hours from HIS 1315 and HIS 1316 or HIS 2301 and HIS 2302. D

4360 Senior Seminar. Examines and verifies research and writing skills of seniors specializing in history. D

### **(HON) Honors**

1154 Freshman Honors Seminar. Interdisciplinary study of various topics and issues, with attention to discussion, research, writing, critical thinking, and integration of student major. F

3154 Junior Honors Seminar. Interdisciplinary study of various topics and issues, with attention to discussion, research, writing, critical thinking, and integration of student major. Taken concurrently with HON 4182. S

3312 Law and Literature. Studies in the use of literature to explore legal issues in the 20th and 21st centuries. S

3354 Honors Seminar. Interdisciplinary study of various topics and issues, with attention to discussion, research, writing, critical thinking, and integration of student major. D

4330 Internship/Study Abroad Internship. Internship or study abroad internship. D

4354 Honors Seminar. Interdisciplinary study of various topics and issues, with attention to discussion, research, writing, critical thinking, and integration of student major. F

4380 Senior Research. Capstone course of the honors experience, where students in or near their last semester at the university conduct library, laboratory, and/or field research on an issue or problem in their major field of study. Course requirements include the development of an annotated bibliography, the formation and articulation of a thesis in a research paper, and the presentation and defense of this thesis. Students in the performance arts, the natural and physical sciences, and some professional programs may substitute appropriate research and presentation components, as approved by the Honors Director and the major advisor. B

4182 Honors Thesis. Supervised research project in area of specialization, culminating in a written thesis and oral presentation. S

### **(HSC) Human Sciences**

2310 Lifespan Human Development. Physical and psychological development of the individual from infancy through adulthood. B

2330 Love, Courtship, and Marriage. Principles involved in building a healthy marriage. B

3300 Child and Adolescent Development. Study of physical, intellectual, social, and psychological development from birth through adolescence. B

3304 Adolescent Development. Application of developmental theory and cultural contexts to the understanding of persons in transition to adulthood. B

3305 Children, Families and Social Policy. Examines societal forces that impact the family such as the child welfare system, the development of laws and public policy, and the relationship between government policy and family life. F

3313 The Family. Principles involved in developing a successful family throughout all the family's phases. Includes a study of healthy and unhealthy relationships in the family. F

3315 Ethics in the Helping Professions. Focuses on the professional practices and ethics in the helping profession as well as the legal aspects of providing professional services in helping professions. Students will learn how to manage themselves and their professional practice so as to be both legal and ethical. F

3322 Gender and Sexuality. Human gender and sexuality from a life cycle perspective, with an emphasis on developmental, familial, and societal factors that influence gender and sexuality. S

- 3323 Family Violence. Study of the theoretical issues, both past and present, regarding family violence in order to provide the student with an understanding of the salient issues. Attention given to the impact family violence has on the victim and society, legal aspects of family violence, key factors associated with recognition of family violence, and pertinent research focusing on the subject. F
- 3324 Marital and Family Therapy. Introduction to the major models of marriage and family relations, dysfunctions and techniques of intervention. S
- 3326 Family Stress, Crisis, and Resilience. Investigation of the stresses and crises experienced by families and their members. Emphasis will be given to identifying strategies for cultivating family resilience. S
- 3328 Parenting. Study of parenting practices, parenting rights and responsibilities. The course will emphasize the development of healthy parent and child relationships and study how parenting roles change over the life cycle. S
- 3350 Social Gerontology. Considerations of aging in the family as related to interpersonal relationships and environmental needs of the elderly. Special emphasis is given to social services for the elderly. F
- 4323 Family Life Education and Enrichment. Investigation of the contemporary models, methods, and resources associated with family life education and family enrichment. Attention will be given to needs assessments, program design, teaching strategies, and group facilitation skills. F
- 4324 Family Dynamics of Addiction. Survey of psychological factors and treatment involved in addiction and the impact of abuse on family dynamics, neurology, and biochemistry. S
- 4326 Family and Community. Examines the reciprocal relationship between families and major social institutions: government, religion, education, economic, and work place. Emphasis will be given to the impact of law and social policy on families and to the role that community agencies play in serving families. S
- 4390 Practicum. Participation in a department approved structured and supervised setting to give an introductory experience to the field of human sciences. Each student participating in a field experience must purchase liability insurance through the university. Fee \$300. B
- 6141 Christian Worldview in Family Education. Examination of the impact of a Christian worldview on individual and family beliefs, interaction, and structure. Consideration will be given to the role of a Christian worldview in family education. Y
- 6300 Human Services Theory and Practice. Foundations of human services from broad perspective. Examines the philosophies, values, concepts, trends, challenges and opportunities in human services. Y
- 6301 Marital and Family Education. Detailed study of family development and functioning in light of family systems with emphasis on an agency or organization's opportunities to intervene in this context. Same as MIN 6301. Y
- 6304 Organizational Leadership. Detailed study of leadership focusing on personal leadership and organizational leadership. Attention will be given to the latest trends and models from administration, organization, and leadership theory. Same as MIN 6304. Y
- 6309 Crisis Intervention. Study of crisis in the multiple settings with emphasis on appropriate behaviors and responses to crisis. Applied therapeutic interventions in general and crisis intervention are presented along with strategies to alleviate crisis and deal with crisis aftermath. Y
- 6310 Social Development of Individuals and Families. Examination of similarities and differences in conceptions of behavior throughout the lifespan; emphasis on individual development in the context of the family. Y
- 6312 Studies in Family Life Education. Analysis of the latest trends and topics of interest in family life education. Y
- 6314 Contemporary Issues in Adolescent Development. Latest readings and research in adolescent culture and in youth ministry. The student will be presented with a systems view of youth ministry and its impact on programming. Same as MIN 6315. Y
- 6315 Parent Education. Examination of major objectives and the underlying guidance principles in parent-child relations; study of programs and agencies in parent education. Y

- 6322 Human Sexuality. Study of human sexuality from a life cycle perspective with an emphasis on developmental, familial, and societal factors that influence individual sexuality. Y
- 6323 Family Systems. Extensive introduction to the concepts of family systems theory with application of this theory to family, church, and ministry. Same as MIN 6323. Y
- 6324 Family Resource Management. Applications of family financial planning models to decision making and asset resource allocation. Y
- 6332 Helping Professions and Public Policy. Public policy, legal, and ethical issues related to families will be addressed with an emphasis on marriage, divorce, custody, adoption, juvenile rights, malpractice, courtroom testimony, competence, and wills and estates. Y
- 6333 Ethics in the Helping Professions. Study of ethical decision making in helping professions with an emphasis on understanding ethical codes within the helping professions. Y
- 6334 Conflict Resolution. Survey of theory and research in conflict resolution with an emphasis on the student's developing practical skills to help resolve conflicts within families and organizations. Y
- 6340 Human Resources in Human Services Organizations. Study of human resources policies and systems appropriate to public and non-profit human service organizations. Y
- 6342 Development in Human Resources. Study of fundraising options available to human service organizations. Particular emphasis is given to the development of fundraising plans and strategies for human service programs and organizations. Y
- 6344 Human Services Administration. Examines broad-based understanding of leadership and administration in human services organizations. Topics include leadership in various contexts, the roles of teams, power, politics, and conflict in organizations, and facilitating organizational change through visionary servant-leadership. Y
- 6346 Program Planning and Evaluation. Examines theories, processes, and procedures of program planning and evaluation. Development of skills necessary to design, develop, and evaluate human services programs. Y
- 6390 Family Life Education Practicum. Supervised outreach family life education experience in preventative and educational activities, including program development, implementation, evaluation, teaching, training, and research related to individual and family well-being. Comprehensive exam and portfolio review accomplished. Grade of B required for completion. Y
- 6391 Human Services Capstone Project. Students will design, organize, and conduct a major project that integrates a topic of special interest. Project analyzes and synthesizes theoretical and applied concepts in the field of human services. Project involves scholarly research and experiential application. Students complete project at a selected agency and develop a comprehensive APA-style paper pertaining addressing the project. Students make an oral presentation of the project and its results. Y

### **(HTH) Historical Theology**

- 3311 Christian History and Theology I. Survey of major events, people, historical, and theological developments in Christian history ranging from the post-apostolic period through the waning of the patristic period in the mid-6th century. Required readings will include primary and secondary literature. F
- 3322 Christian History and Theology II. Survey of major events, people, and historical/theological developments in Christian history ranging from the early Medieval period through the mid-seventeenth century. Readings include secondary literature but will focus on primary sources. PRE: HTH 3311. S
- 4331 Christian History and Theology III. Survey of major events, people, historical, and theological developments in Christian history during the modern period (mid-17th century to the present). Required readings will include primary and secondary literature. PRE: HTH 3322. F

### **(HUM) Humanities**

- 2300 Exploring the Human Experience. Study of human culture to understand our cultural roots. Topics include art, music, politics, history, psychology, philosophy, and literature from the Renaissance to the present. SE

4330 Internship. Writing experiences in business context under the direction and supervision of management and faculty, including preparation of a portfolio, narrative essay, and oral presentation. PRE: Senior standing and permission of faculty. D

4380 Senior Research. Students will work with a committee of two professors, at least one from their area of specialization, and complete a series of research and writing assignments resulting in a long paper and an oral presentation drawn from their area of specialization and illuminating the emphasis of their study. Taken during the senior year. B

### **(INT) International Studies**

2305 International Studies. Introduction to the interdisciplinary field of international studies, examining the cultural, political, economic, and social issues related to the dynamics of globalism. D

### **(IST) Information Systems and Technology**

1301 Foundations of Information Systems and Technology. Introduction to contemporary information systems and how people, software, hardware, data, and communication technologies can create a competitive advantage for global organizations, and how IT enables improvements in quality, speed, and agility. F

1350 Computer Programming I. Program logic and design tools. Students learn to confront a problem, take it apart, analyze each step, and design a logical plan to direct the computer to perform the required actions. Students will learn to use current design tools to explain, document, and plan their programming. A simple programming language will be used to test the programs. F

2300 Microcomputer Applications. Development of expert user skills in word processing and database application software. F

2302 Enterprise Architecture. Explores design, selection, implementation and management of enterprise IT solutions, focusing on applications and infrastructure and their fit with business, managing risk and security within audit and compliance standards. Goal is understanding of basic concepts for Information Technology Infrastructure (ITIL) Foundations certification. PRE: IST 1301. S

2311 Computer Programming II. Introduction to object-oriented programming, including analysis and design, implementation, and testing of software. PRE: IST 1350. F

2314 Graphical User Interface Programming. Study of the use of object-oriented programming to create graphical user interfaces. PRE: IST 2311. S

2323 Web Programming. Examination of document object model and markup and script languages that facilitate computing on the world wide web. PRE: IST 1350. ES

3300 Advanced Spreadsheet Design. Use of advanced concepts and techniques with a spreadsheet in statistical analysis and information processing and presentation. B

3311 Management Information Systems. Study of the use of information technology to support and promote organizational goals. PRE: IST 3300.

3323 Geographic Information Systems. Introduces basic concepts and applications of Geographic Information Systems. Course focuses on GIS reporting, accessing previously gathered data and preparing it for spatial reporting on maps. Opportunity to perform analysis in a variety of content areas and make decisions on real world concerns. F

3324 Java Programming. Object oriented programming using Java for Internet, intranet, and networking applications. PRE: IST 2311. OS

3330 Introduction to Computer Operating Systems. Study of the use of computer operating systems, including commands and editors, file systems, processes, networking, programming, and system administration. PRE: IST 2311. D

3332 Networking. Introduction to networking. Basic networking concepts and technologies will be reviewed. Hardware and software issues, including the following, will be explored: LANS, WANS, OSI 7 layer networking model. Students will have hands-on experience in planning and installing an Ethernet network. B

3333 User Support and Help Desk Concepts. Concepts and principles of user support and help desk roles in the corporation. Both techniques of user support and troubleshooting and management of help desk centers will be covered. D

3341 Database Management Systems. Students will develop advanced skills in the design and use of a DBMS. Database components of data models, relational databases and query processing will be emphasized. PRE: IST 1350. Fee: \$50 F

3351 Web Design. Study of the formal process of organizing and designing web sites. Includes HTML5, CSS3, JavaScript, Responsive Web, WYSIWYG, Website Builders, color theory and page layout design, and development and production of individual and client based web sites. Fee \$50. F

4330 Internship. Work in an area of business utilizing skills developed in the program. PRE: Senior standing and approval of the instructor. B

4333 Server Administration. Network system administration for local area networks. Principles and procedures include areas of resource and user administration, remote administration tools and procedures, multi-protocol clients and network/server security. PRE: IST 3332 D

4340 Network Security. Study of computer system security, computer network security, access control, security assessments and audits, cryptography, and organizational security. PRE: IST 3332. D.

4345 Disaster Recovery and Business Continuity. Study of information security and incident response and the creation of an effective disaster recovery/business continuity program which organizations can implement in case of computer network intrusions or other crises that cause a loss of physical plan, technology or human capital. PRE: IST 1301. D

4360 Senior Project. Use and further development of skills and concepts learned in courses taken during the first three years. Students will develop and complete a project for an individual or a community organization or business. PRE: senior status in IST or ISM and approval of the instructor. B

4380 Systems Analysis and Design. Studying all elements of the development and maintenance of an information system, from the first discussions with a user or group of users, to the final full implementation of the IS. PRE: senior status in IST or ISM. S

#### ChapDesk Practicum

1101, 1102 ChapDesk Customer Service. Fifteen hours of customer service training for computer software and hardware with thirty hours of practical experience working with customers at the ChapDesk. B

2101, 2102 ChapDesk Troubleshooting. Fifteen hours of training resolving hardware and software problems with thirty hours of practical experience working problem management at the ChapDesk. B

3102 ChapDesk Leadership. Sixty hours of practical experience leading an incident or problem management team at the ChapDesk. S

3201 ChapDesk Leadership. Thirty hours of management training with sixty hours of practical experience leading an incident or problem management team at the ChapDesk. F

#### **(MAT) Mathematics**

1302 Intermediate Algebra. Polynomial arithmetic, solving linear equations, inequalities, factoring and linear systems. B

1310 College Mathematics. Survey of mathematics, which includes the topics of reasoning, basic set theory, introductory logic, mathematical systems and number theory. D

1311 College Algebra. Basic algebra, linear and quadratic equations, inequalities, functions, and systems of equations. B

1312 Trigonometry. Trigonometry functions, identities, and applications. F

1313 Pre-Calculus. Elementary functions of calculus: linear, quadratic, polynomial, trigonometric, exponential, and logarithmic functions. B

1316 Business Calculus. Introduction to basic differential and integral calculus with business applications. PRE: MAT 1311. B

1402 Analytical Geometry and Calculus I. Functions, limits, continuity, differentiation, and definite integrals. S

1403 Analytical Geometry and Calculus II. Trigonometric and exponential functions, techniques and applications of

integration, conic sections and polar coordinates. PRE: MAT 1402. F

2404 Analytical Geometry and Calculus III. Vectors, series, partial differentiation, and multiple integration, and line integrals. PRE: MAT 1403. S

3302 College Geometry. Study of Euclidean geometry by both the synthetic and metric development, introduction to analytical geometry. Pre: MAT 1311 or above. S

3303 Probability and Statistics. Elementary probability, random variables, testing of hypotheses, estimation, regression, and Markov processes. B

3305 Foundations of Mathematics I. Covers sets, logic, mathematical proofs, the real numbers from an axiomatic approach, cardinality of finite and infinite sets and number theory. F

3306 Differential Equations. Solution of ordinary differential equations with applications. PRE: MAT 1403. S

3350 Linear Algebra. Matrices, systems of equations, vector spaces, and linear transformations. PRE: MAT 1402. SO

3351 Intermediate Analysis. Sequences, limits, continuity, derivatives and integrals. PRE: MAT 2404. FO

3353 Numerical Analysis. Introduction to numerical methods and analysis involving non-linear equations, interpolation polynomials, numeric differentiation and integration, curve fitting, and approximation of functions. PRE: MAT 2404 or consent of instructor. FE

4350 Foundations of Mathematics II. Topics related to teaching of mathematics, including recent trends and developments, ideas and methods. B

4351 Modern Algebra. Concepts and methods of abstract algebra: groups, rings, integral domains, and fields. PRE: MAT 3305. D

### **(MGT) Management**

3300 Principles of Management. Basic functions of management: planning, organizing, leading, controlling. Managerial roles, skills, and ethical responsibilities. B

3301 Organizational Behavior and Theory. Examines management of the complex relationships within an organization. Concepts of organizational theory are discussed. F

3320 Project Management. Explores the dimensions and elements of project management; concepts, methodologies, strategies, and structures. Attention will be given to cost controls, teamwork, and quality management. Students may focus on general business project management or information technology. PRE: IST 2300. S

4306 Human Resource Management. Focuses on the strategic role of human resources management in an organization. Specific attention is given to recruitment, selection, training, development, and compensation of employees from a managerial viewpoint. PRE: junior or senior standing. B

### **(MIN) Ministry**

2311 Mission of God. Introduction to missions, broadly construed as Missio Dei. Teaches that ministry, whether the ministry of preaching, shepherding, evangelizing, counseling, or scholarship, should be in service to the mission of God. Students will be reminded that bringing social justice and healing to a broken world is central to God's mission in the world and should be central to each of our respective ministries. S

2322 Christian Spiritual Formation. Introduction to Christian spiritual formation traditions from the first to the twenty first century, with an emphasis on classical devotional literature, practices, and themes. PRE: Major, Junior standing. S

3301 Family and Congregational Dynamics. Study of the dynamics of family and congregational processes in light of family systems theory. Emphasizes the three families of the minister, relationships in staff and parenting, and implications for pastoral care. F

3303 Contemporary Issues in the Family. Study of current and relevant issues facing families in a post-Christian culture.

Theology of family, intergenerational realities, life cycle issues, and preventative planning. FO

3368 Intermediate Studies in Ministry. Supervised intermediate research and writing in a specific area of the ministry. Specific semester topics will appear on the transcript. PRE: permission of instructor. D

4090 Practicum. Supervised internship in student area of ministry, culminating in a final, written report. Recommended for summer completion with fall enrollment. F

4302 Preaching Biblical Genres. Application of varied preaching forms to a selected biblical book or genres. PRE: BIB 2303. S

4342 Christian Ministry. Designed to help biblical studies majors move from the academic world into various ministry settings. Introduction to aspects of pastoral counseling and leadership development. Instruction on practical ministry situations, including funerals, weddings, and conflict. S

4368 Advanced Studies in Ministry. Supervised advanced research and writing in a specific ministry area. Specific semester topics will appear on the transcript. PRE: permission of instructor. D

6062 Comprehensive Examination. Comprehensive, written examination for a graduate degree. To be taken during the last term.

6228 Capstone and Comprehensive Examination. Capstone course where students demonstrate achievement of program goals and objectives. Includes written assignments, oral presentations, and comprehensive examinations. Taken in the last semester of enrollment. D

6301 Family Ministry. Study of family development and functioning in light of family systems with emphasis on the church's opportunity to minister in this context. D

6302 Hermeneutics. Study of the history of the application of hermeneutics to the biblical text with an emphasis on the current questions in biblical interpretation. FO

6303 Spiritual Formation. Study of Christian spirituality and the formation process rising from interaction with the Holy Spirit of God. Focuses on spiritual models, the spirituality of the minister, and the spiritual formation, which takes place through individual discipleship and in congregational settings. D

6304 Church Leadership. Study of church leadership focusing on personal leadership and congregational leadership. Attention will be given to the latest trends and models from administration, organization, and leadership theory. D

6305 Preaching. Principles and practices of homiletics with an emphasis on sermon preparation and delivery. D

6306 Advanced Preaching. Sermon development with emphasis on the study of expository, inductive, and narrative preaching. D

6307 Preaching Biblical Genres. Application of varied preaching forms to a selected book or genres of the Bible. D

6309 Christian Counseling. Application of counseling approaches to crisis situations in individual, family, and congregational life. D

6312 Studies in Ministry. Study and analysis of the latest trends and topics in ministry. D

6315 Advanced Studies in Youth and Family Ministry. Study of youth and family ministry in light of current research and cultural trends. D

6318 Church Growth. Study in evangelistic and congregational principles current with the latest literature addressing culture and congregation. D

6323 Family Systems. Introduction to the concepts of family systems theory with application of this theory to family, church, and ministry. D

6325 Campus Ministry. Study in the latest trends and developments in campus ministry with emphasis on outreach to university students. D

6330 Internship I. Supervised internship in a specific ministry setting, including preparatory readings, practice in ministry skills, written reports, and ministry assessment. D

6360 Internship II. Supervised internship in a specific ministry setting outside of the minister's primary ministry context, such as hospice, community outreach, pregnancy counseling center, hospital chaplaincy. Include preparatory readings, practice in ministry skills, written reports, and ministry assessment. SU

6390 Practicum in Family Ministry. Supervised practicum in a family ministry setting, including preparatory readings, practice in ministry skills, written reports, ministry assessment, and family life education. SU

### **(MIS) Missions**

2311 Introduction to Missions. Introductory study of mission needs, principles, and practices, as well as the missionary's life and work in the field. Foundational introductions on motivation for mission, message of mission, cultural adaptation, worldview, contextualization, church planting, and team relationships. F

2322 Missionary Anthropology. Culture, its different aspects, and how each component affects the identity of people in community. American culture will be examined in an effort to learn how to examine and understand other cultures. S

3302 The Gospel and Holistic Missions. Study of incarnational mission to the disenfranchised. Since biblical mission is holistic, contemporary mission efforts should include good news to the poor. Readings and discussions about topics in missions, such as sustainable community development, children at risk, refugees in conflict, community health, water development, "Farming God's Way," microfinance, and advocacy and social justice as a means to "fleshing out" the gospel. SO

3303 Living Globally. Study of issues students will encounter living and working internationally. Deeper preparation for cultural, linguistic, ethical, and financial differences. Also provides guidance on how to promote personal and familial health and education, spiritual formation and nurturing, furlough strategies, and technology options for communication, reports, and education. FO

4304 Imaging God. Study of how the life of Christ informs the Christian mission. Exploration of the saving work of God in light of the *Mission Dei*, the mission of God through a consideration of gospel themes, primary Pauline epistles, and eschatology. Examines the role of the ecclesia in the missional application of these saving graces of God with an eye toward what this should look like in the 21st century. SE

4312 Mission Team Dynamics. Study and preparation related to specific mission team relationships and goals. Includes brief survey of important characteristics of successful teams, followed by extensive self diagnostics to discover strengths and areas for improvement in team dynamics. Emphases will include self-reflection, prayer, team projects, research and writing, and guest speakers. PRE: Instructor permission. FE

4090 Practicum. Supervised internship in a specific missions area. Includes preparatory readings, practice in ministry skills, cultural study, written reports, and final assessment. Recommended for summer completion, with formal fall enrollment and presentation to faculty. PRE: Senior standing or chair approval. D

6312 Missions. Analysis of the latest trends and topics in missions. D

### **(MUS) Music**

1000 Piano Proficiency Test. Demonstration of piano proficiency after four consecutive semesters of piano private lessons. Must pass test prior to beginning clinical teaching. B

1105 Sight Singing and Ear Training I. Music literacy through ear training, sight-singing, and dictation, taken concurrently with MUS 1305 Elementary Music Theory. F

1106 Sight Singing and Ear Training II. Music literacy through ear training, sight-singing, and dictation, taken concurrently with MUS 1306 Elementary Music Theory II. S

1123 Class Piano I. Beginning piano for students not specializing in the instrument. Students will receive two one-hour class lessons each week. D

1124 Class Piano II. Continuation of 1123. PRE: 1123 or equivalent. D

- 1203 Language Diction I. Functional study of diction in English and Italian. Students will learn to use pronunciation guides, transcribe songs, and demonstrate their skills with languages by singing songs in these languages. FO
- 1204 Language Diction II. Functional study of diction in German and French. PRE: MUS 1203. SE
- 1208 Fundamentals of Music Theory. Introduction to music theory, focusing on the basics of pitch, rhythm, key signatures, scales, intervals and basic triads with basic piano skills necessary for proficiency in Elementary Music Theory. Actual requirement to be determined by placement exam administered at the beginning of the first semester of enrollment as a music major. F
- 1301 Music Literature. Survey of music literature from 1450-present. Required of all music majors. Also serves as an introductory course appropriate for anyone wishing to study music appreciation. Emphasizes music listening skills accompanied by historical information. S
- 1305 Elementary Music Theory I. Music theory consisting of part-writing, sight-singing, keyboard, and aural skills. F
- 1306 Elementary Music Theory II. Continuation of 1305. PRE: 1305, 1105. S
- 2000 Music Seminar. Weekly meeting of music majors for performance and instruction. B
- 2105 Advanced Sight Singing and Ear Training I. Music literacy through ear training, sight-singing, and dictation, coinciding with MUS 2305 Advanced Music Theory, FO
- 2106 Advanced Sight Singing and Ear Training II. Music literacy through ear training, sight-singing, dictation, and transcription, coinciding with MUS 2306 Form, Analysis and Advanced Music Theory, SE
- 2129 Clarinet and Saxophone. Methods of woodwind performance practices, literature, and history while learning basic technique on the clarinet and saxophone. D
- 2130 High Brass. Methods of high brass performance practices, literature, and history while learning basic technique on the trumpet and french horn. D
- 2131 Low Brass. Methods of low brass performance practices, literature, and history while learning basic technique on trombone, euphonium, and tuba. D
- 2132 Percussion. Methods of percussion practices, literature, and history while learning basic technique on various percussion instruments. D
- 2133 String Methods. Methods of string performance practices, literature, and history while learning basic technique on violin, viola, cello, and bass.
- 2134 Flute and Double Reed. Methods of flute and double reed performance practices, literature, and history while learning basic technique on the flute, oboe, and bassoon. D
- 2139 Instrumental Methods for Vocal Majors. Study of teaching, playing, and care of string, woodwind, brass, and percussion instruments. Survey course intended for vocal music education majors. Must complete this course before enrolling in MUS 3230. FO
- 2305 Advanced Music Theory. Continuation of 1306. PRE: MUS 1306, 1106. F
- 2306 Form, Analysis and Advanced Music Theory. Continuation of 2305 with introduction to current techniques. Emphasis on form and analysis and taken concurrently with MUS 2106. S
- 3230 Orchestration. Ranges, transpositions, timbres, and individual characteristics of band and orchestra instruments through experience in scoring for small ensembles, full band, and orchestra. SO
- 3300 Survey of the Music of Worship. Change course description to: Equips students to serve in their churches as worship leaders, active participants of worship committees, or in other capacities pertaining to worship. Includes an overview of the history of church music, a study of the impact of music on a worship assembly, a discussion of Biblical criteria for music as a part of worship, and an overview of contemporary worship practices across the various Christian denominations. Specific expertise and experience in music is not required. D

- 3303 Music History I. Chronological study of music history and literature from classical antiquity to 1685. FE
- 3304 Music History II. Chronological study of music history and literature from 1685 to the present. SO
- 3305 Vocal Pedagogy. Survey of the vocal mechanism and the breathing apparatus and their interdependence. Teaching techniques in phonation, resonance, register, articulation, and breathing. Includes a study of the literature or standard operatic repertoire from the 17th-20th centuries from Italy, France, Germany, England, and the United States. SO
- 3306 Piano Literature. Chronological study of classical keyboard literature from the 18th-20th centuries, approached by style period, composer, and pedagogical value. D
- 3307 Piano Pedagogy. Review of current piano methods, observation of privately operated studios, class piano labs, and opportunities for practice teaching. D
- 3308 Marching Band Techniques. Methods and techniques of organizing and directing a school band program by focusing on history, planning, writing, and rehearsing of a marching band. D
- 4000 Senior Recital. Senior recital to be taken concurrently with the final semester of private instrumental or vocal study; provides an accompanist if needed, special lighting, recording, and programs for the senior recital. Fee: \$125. B
- 4105 Advanced Instrumental Conducting. Development of advanced conducting and rehearsal techniques for instrumental ensembles. Emphasis will be placed on the study of stylistic instrumental literature. Students will experience conducting live rehearsals in university ensembles. Ensemble membership required. PRE: MUS 4204. D
- 4106 Advanced Choral Conducting. Development of conducting and rehearsal techniques for choral or instrumental ensembles. Emphasis will be placed on the study of stylistic choral or instrumental literature. All students will gain experience conducting live rehearsals for active university ensembles. Ensemble membership required. PRE: MUS 4204. D
- 4204 General Conducting. Study of the development of basic skills for conducting musical organizations with practice in score reading and interpretation. PRE: MUS 1306, 1106. D
- 4311 Secondary Choral Methods. Study of choral teaching methods on the secondary level, with emphasis on choral literature, particularly those pieces on the UIL lists. D
- 4312 Secondary Instrumental Methods. Organizational skills, management techniques, and instructional methods necessary for maintenance of a large performance ensemble. D
- 4320 Elementary Music Methods. Basic elements of music with appropriate techniques for teaching children the principles of singing, playing, listening, and moving to music. F
- 4360 Senior Seminar. Capstone course required of all music majors. A review of music theory, history, and literature. Students intending to attempt the TExES music teacher certification exam, must score at least an 80 on the final exam. Other students must score at least a 70 on the final exam. D

### **(MUS) Music Ensembles**

- 1101, 1102, 2101, 2102, 3101, 3102, 4101, 4102 Chamber Singers. Open to majors and non-majors, subject to approval of director on the basis of vocal qualification, personal attributes, and balance of parts in the organization. B
- 1103, 1104, 2103, 2104, 3103, 3104, 4103, 4104 Praise Choir. Open to majors and non-majors, subject to approval of director on the basis of vocal qualification, personal attributes, and balance of parts in the organization. Fee for 1103, 2103, 3103, 4103 \$60. B
- 1107, 1108, 2107, 2108, 3107, 3108, 4107, 4108 Symphonic Band. Open to majors and non-majors who play appropriate instruments adequately, subject to director's approval. B
- 1109, 1110, 2109, 2110, 3109, 3110, 4109, 4110 Chamber Ensemble/Orchestra. Open to majors and non-majors who play woodwind, string instruments or piano/harpsichord or other instruments, subject to audition and director approval. B
- 1135, 1136, 2135, 2136, 3135, 3136, 4135, 4136 Jazz Ensemble. Open to majors and non-majors who play appropriate instruments adequately, subject to director's approval. B

1137, 1138, 2137, 2138, 3137, 3138, 4137, 4138 Best Friends. Vocal ensemble open to all students, subject to audition and director approval. PRE: One year of Praise Chorus which can be taken concurrently in first year of Best Friends. B

1141, 1142, 2141, 2142, 3141, 3142, 4141, 4142 University Chorus. Open to majors and non-majors, for the purposes of improving the voice for both solo and choral singing. Fundamentals of proper singing technique will be emphasized, and appropriate literature will be performed in at least one concert per semester. B

1151, 1152, 2151, 2152, 3151, 3152, 4151, 4152 Forte. Vocal ensemble open to all students, subject to director approval. B

### **(MUS) Music Private Lessons**

1111, 1112, 2111, 2112, 3111, 3112, 4111, 4112 Voice. One-credit hour private lessons courses include one 30-minute private lesson per week. One 30-minute private lesson per week. Fee \$300. B

1211, 1212, 2211, 2212, 3211, 3212, 4211, 4212 Voice. Two-credit hour private lesson courses include one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

1113, 1114, 2113, 2114, 3113, 3114, 4113, 4114 Piano. One-credit hour private lessons courses include one 30-minute private lesson per week. Fee \$300. B

1213, 1214, 2213, 2214, 3213, 3214, 4213, 4214 Piano. Two-credit hour private lesson course includes one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

1115, 1116, 2115, 2116, 3115, 3116, 4115, 4116 Guitar. One-credit hour private lessons course includes one 30-minute private lesson per week. Fee \$300. B

1215, 1216, 2215, 2216, 3215, 3216, 4215, 4216 Guitar. Two-credit hour private lesson course includes one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

1117, 1118, 2117, 2118, 3117, 3118, 4117, 4118 Strings. One-credit hour private lessons course includes one 30-minute private lesson per week. Fee \$300. B

1217, 1218, 2217, 2218, 3217, 3218, 4217, 4218 Strings. Two-credit hour private lesson course includes one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

1119, 1120, 2119, 2120, 3119, 3120, 4119, 4120 Brass. One-credit hour private lessons course includes one 30-minute private lesson per week. Fee \$300. B

1219, 1220, 2219, 2220, 3219, 3220, 4219, 4220 Brass. Two-credit hour private lesson course includes one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

1121, 1122, 2121, 2122, 3121, 3122, 4121, 4122 Woodwinds. One-credit hour private lessons course includes one 30-minute private lesson per week. Fee \$300. B

1221, 1222, 2221, 2222, 3221, 3222, 4221, 4222 Woodwinds. Two-credit hour private lesson course includes one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

1125, 1126, 2125, 2126, 3125, 3126, 4125, 4126 Percussion. One-credit hour private lessons course includes one 30-minute private lesson per week. Fee \$300. B

1225, 1226, 2225, 2226, 3225, 3226, 4225, 4226 Percussion. Two-credit hour private lesson course includes one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

1127, 1128, 2127, 2128, 3127, 3128, 4127, 4128 Harpsichord. One-credit hour private lessons course includes one 30-minute private lesson per week. Fee \$300. B

1227, 1228, 2227, 2228, 3227, 3228, 4227, 4228 Harpsichord. Two-credit hour private lesson course includes one 1-hour private lesson per week. Reserved for music majors. Fee \$450. B

**(NRC) Natural Resources Ecology and Conservation**

1300 Introduction to Wildlife Management. Introductory course dealing with factors involved in managing wildlife populations to benefit species and habitat from both an environmental and commercial perspective. F

2300 Environmental Systems. Principles of natural systems; ecosystems structure, function and management. S

2301 Natural Resources and Agriculture. Study of existing and emerging strategies for the compatibility of intensive production agriculture and stewardship of natural resources. Field trips will be required. F

3322 Natural Resources Policy, Regulation, and Compliance. Roles of governmental agencies, private organizations, and the public associated with the creation and implementation of natural resources policies. Major themes include strategies for compliance and conflict resolution. SO

3323 General Ecology. Survey of ecological principles emphasizing the integral relationships of plants and animals. Field trips required. Fee \$100. (2:3) F

3325 Aquatic Ecology and Conservation. Detailed study of the physical, chemical, and biological interactions that occur in aquatic environments. Past, present, and future threats to the natural functioning of aquatic environments is addressed. FO

3333 Geographic Information Systems. Introduction to geographic information systems software and applications. Emphasis placed on applications to natural resources management and conservation. D

4200 Senior Seminar. Seminar in natural resources ecology and conservation. S

4314 Conservation Biology. Detailed study of the fundamental principles governing biodiversity. Topics include extinction, colonization, genetic diversity, island biogeography, consequences of globalization, and the overall value of biodiversity. Students will explore the application of theory to contemporary practical conservation problems. SE

4330 Natural Resources Internship. Internship in natural resources. Y

4405 Wildlife and Fisheries Science. Scientific study of the ecology and management of fish and wildlife resources. Designed to provide students significant hands on experience with the techniques of fish and wildlife professionals. Major topics include sampling techniques, species identification, population assessment, data analysis, and interaction with the public. Fee \$100. FE

**(NUR) Nursing**

3200 Introduction to BSN. Introduction to the concepts of baccalaureate nursing, including the validation process for diploma and associate degree nursing. Students are introduced to resources for degree completion. To be taken in semester of entry. Y

3214 History and Theory of Nursing. Emphasizes the historical development of the discipline of nursing, the integration of nursing theories into practice, and explores other ways of knowing as applied to the understanding of nursing practice. Y

3313 Cultural Diversity. Examines health care practices and beliefs in a variety of cultures. Political, economic, spiritual and geographic factors effecting health care are explored within the context of cultural systems and the patient's perception of health, illness and care. Y

3314 Trends and Issues in Professional Nursing. Explores and relates current trends and issues in nursing to health care in today's society. Examine changes in health policies and systems. Y

3413 Cultural Diversity. Examines health care practices and beliefs in a variety of cultures. Political, economic, spiritual and geographic factors effecting health care are explored within the context of cultural systems and the patient's perception of health, illness and care. Y

4305 Community Health II. Application of concepts of prevention and population focused interventions to promote health. Participates in assessment and analysis of determinants of health within a population. Ninety practicum hours. Y

4311 Nursing Research. Explores the research process and its relevance to nursing practice. The primary focus is on the development of the student's ability to be an effective consumer of research with emphasis on nursing theories and the research process. Y

- 4314 Leadership and Management I. Explores health care delivery systems and how they function, emphasizing first level leadership and management roles. Examine selected management theories and models and their relationship to nursing management. Y
- 4315 Nursing Informatics. Explores the various uses of informatics in nursing practice and the healthcare setting including current technology initiatives and big data, use of informatics in a variety of healthcare settings, decision support systems, and the potential impact of technology on nurse-patient relationships. Y
- 4316 Leadership and Management II. Application of leadership principles in a variety of health care settings. Collaborating with other health care team members to promote safety and high quality nursing care. Ninety practicum hours. Y
- 4318 Professional Role Development. Explores nursing as a profession and the critical issues of professional nursing practice. The course is designed as the synthesis of prior knowledge toward pursuing practice excellence and to foster lifelong professional growth and development. Y
- 4320 Comparative Health Systems. Explore health care and health provider roles in other countries through on-location learning. Offers a historical perspective as well as the progression of health care and nursing roles in another country. Y
- 4403 Community Health I. Emphasize the social, spiritual, educational, and cultural factors that impact health care for individuals, families, communities, and populations. Examines roles of nurses in collaboration with other healthcare professionals to provide care within the community. Y
- 5101 Advanced Practice Nursing and Forensics: High Risk Populations. Provides the advanced practice nurse with information needed for prevention, assessment, identification, appropriate intervention, and resource referral for patients and families who are at risk for, or currently experiencing, abuse or neglect. F
- 5200 Introduction to Graduate Studies. Provides an orientation and introduction to graduate level study. A focus on electronic database searching and utilization of community-wide library resources, APA style and introduction to writing for publication, accessing and utilizing technology for online courses, and the professional portfolio will be initiated in this course. To be taken the semester of entry to the program. Y
- 5202 Family Nurse Practitioner Role, Leadership, and Theory. Examines the professional history and evolution of the family nurse practitioner. Discussion of legal parameters that govern advanced practice and the role of the nurse practitioner in providing cost-effective care. The fostering of a leadership role in collaborating with multiple stakeholders to improve health safety, accountability, and quality outcomes is emphasized, as well as, evaluation of nursing theories that are the foundation of the APN role. S
- 5204 Advanced Diagnostics and Procedures. Examine the appropriate use and interpretation of advanced diagnostic tests available to the nurse practitioner in primary care. Various invasive skills common to the primary care setting will be introduced allowing students the ability to develop a basic proficiency. S
- 5301 Education: Theories in Teaching and Learning. Teaching and learning principles and theories of adult learning and educational processes provide the foundation for this course. Scholarly inquiry into multiple dimensions of the role of professional educator and leader are examined. The management of educational activities, staff development, curriculum planning, design, and evaluation, and the facilitation of learning in a variety of settings are addressed. B
- 5302 Research and Statistical Methods. Provides practical skills to translate practice problems into researchable questions. Examination of quantitative and qualitative research methods, data collection, selection of measurements, and statistical analyses are considered. Students will develop a research proposal from significances to determination of the research plan. Fee \$50. Y
- 5303 Education and Information Technology Applications. Study of theoretical and practical characteristics of technology integration strategies, including using instructional software, using technology media, and integrating technology into the curriculum or practice environment in the role of nurse educator or leader are explored. Y
- 5304 Management of Health Care Resources. Economic and resource management, financial planning and budgeting, reimbursement systems in health care, cost containment, spreadsheets and human resource management for the nurse in an advanced role of educator or leader/administrator across health care settings comprise the focus of this course. Y
- 5305 Nursing Theory. Examines historical and contemporary theoretical bases for advanced nursing practice. Analysis of

selected models and theories from nursing and other disciplines are considered in the context of traditional, alternative, and complementary approaches to health promotion, disease prevention, and human responses to illness at the level of individual, family, and community. The concepts of person, health, environment, spirituality, and nursing are explored. B

5306 Global Culture and Health I. Travel to a selected country to experience the spiritual dimension of health care delivery, nursing education, and the role of nurses in a culturally diverse setting. The course offers a transcultural experience outside the U.S. Learning takes place through observation, experience, interaction, and critical thinking via on site visits and by reviewing current nursing and general literature. The course is designed to enhance the development of critical thinking and communication skills at on-site locations. University faculty and resource persons in the selected country will make arrangements for the desired experiences. Ninety practicum hours. Fee varies depending on global experience and costs associated with experience. Check with department prior to enrolling. Y

5307 Applying Best Practices in Community Health Care. Examines applications of research-based practices to policy and nursing care decisions and delivery at the organizational, community, state, and national level. Research applications of solving practical organizational and system problems, quality and outcome indicators, reducing medical errors to produce a safer health care system with a major emphasis on community is the focus of this course. Students will propose a grant or quality improvement plan to improve a practice issue in the workplace. Ninety practicum hours. Y

5308 Global Culture and Health II. Travel to a selected country to experience the spiritual dimension of health care delivery, nursing education, and the role of nurses in a culturally diverse setting. The course offers a transcultural experience outside the U.S. Learning takes place through observation, experience, interaction, and critical thinking via on site visits and by reviewing current nursing and general literature. The course is designed to enhance the development of critical thinking and communication skills at on-site locations. University faculty and resource persons in the selected country will make arrangements for the desired experiences. Ninety practicum hours. Fee varies depending on global experience and costs associated with experience. Check with department prior to enrolling. Y

5309 Leadership and Management. Focuses on the analysis, application, and integration of 21st century leadership and management skills into the behavior of the nurse in the role of educator and leader. Practical organizational and problem-solving skills, resource management and development, collaboration, team building, and effective communication are emphasized. Y

5310 Education/Leadership Capstone Practicum. Application of program course work occurs in this capstone course in which students participate in field experience with a preceptor where they practice in the advanced role of nursing educator and leader in a selected field experience. Within the didactic sessions for this course, particular attention is given to the discussion of Best Practices in Education and Leadership. The course culminates in the presentation of the professional portfolio. Ninety practicum hours. Y

5311 Professional Issues: Law and Ethics. Examines the professional, ethical, legal, political, and social dimensions of developing an identity as an advanced practice nurse within the context of nursing practice, institutional, and community environments. Issues of health disparity, cultural diversity, and the health needs of underserved populations are examined. Further areas of consideration will include professional standards and certification, code of ethics, bioethical issues, confidentiality, plagiarism, and liability, regulatory, and collective bargaining considerations. Y

5312 Advanced Physiology/Pathophysiology. Overview of advanced concepts related to normal and abnormal body functioning. The primary focus is on in-depth and current understanding of disease processes across the lifespan integrating risk factors for disease in various populations. F

5313 Pharmacotherapeutics. Focuses on the clinical application of pharmacology needed in the provision of advanced practice nursing. The emphasis is on drugs commonly used in the family practice of ambulatory primary health care setting for the treatment of acute and chronic disease, and on the integration of drug therapy as one component of therapeutic management plans. The application of the principles of pharmacodynamics and pharmacokinetics to clinical use of drugs will be explored, including therapeutic dosage patterns, side effects, drug interactions, contraindications. F

5334 Advanced Health Assessment. Includes 90 clinical hours. Provides student with ability to expand their knowledge and skills in performing a comprehensive health assessment of patients across the lifespan. Emphasis placed on utilizing thorough assessment to distinguish normal and abnormal variants in health, guide health promotion activities, and identify the need for patient-specific disease prevention interventions. Fee: \$984. S

5338 Advanced Nursing Care: Pediatric. Focuses on the appropriate diagnosis, management, and prevention of common acute and chronic illnesses specific to the pediatric population. Human growth and development, holistic, and spiritual concepts will

be incorporated. SU

5341 Advanced Nursing Care: Adult/Geriatric. Focuses on the appropriate diagnosis, management, and prevention of common acute and chronic illnesses specific to the adult and geriatric populations. Human growth and development, holistic, and spiritual concepts will be examined. F

5344 Advanced Nursing Care: Women/Prenatal Primary Care. Includes 90 clinical hours. Application of advanced health assessment skills, identification of abnormalities in health, interpreting diagnostic findings, improving communication skills, formulating a diagnosis and plan of care, and implementing preventative and health promotion education in a focused practice environment. S

5361 Interpersonal and Counseling Skills in Human and Organizational Behavior. Provides an introduction to understanding and developing effective interpersonal communication skills and relationships in the role of educator and leader/administrator. The processes, principles, and techniques associated with counseling the individual and groups, negotiating, grievance, stress management, and group dynamics are explored in this course. Conflict and conflict resolution, interviewing, listening, and group leadership skills are examined. SU

5640 Clinical Practicum: Primary Care Pediatrics. Includes 270 clinical hours. Application of concepts presented in Advanced Nursing Care with focus on refining health assessment skills, identifying abnormalities in health, interpreting diagnostic findings, improving communication skills, formulating a diagnosis and evidenced-based plan of care, and implementing preventative and health promotion education in culturally diverse populations. S

5643 Clinical Practicum: Primary Care Adult/Geriatric. Includes 270 clinical hours. Application of concepts presented in Advanced Nursing Care with focus on refining health assessment skills, identifying abnormalities in health, interpreting diagnostic findings, improving communication skills, formulating a diagnosis and plan of care, and implementing preventative and health promotion education in culturally diverse populations. F

6300 Evidence-Based Project. Culmination of program course work occurs in this course in which students participate in a community based field experience reflecting the role of the family nurse practitioner. Pending faculty approval, each student will develop and present an evidence-based project based on the needs of an identified population. This course is the capstone practicum experience for the family nurse practitioner track. S

6301 Data Science for Nurses. Provides skills to apply analytic methods using biostatistics to answer a clinical problem. Examination of quantitative and qualitative research methods, data collection, selection of measurements, and analytic methods. Integrates nursing science with biophysical, psychological, or organizational data. Students develop a scholarly project with data that applies biostatistics methods to data visualization and interpretation to an evidence-based practice, quality improvement, or preliminary research question. Fee: \$250. F

6302 Information Systems and Technology Applications for Advancing and Transforming Health Care. Provides skills to use information and technology to support leadership and clinical decision making. Examination of nursing science integrated with information systems and precision health technologies for advancing and transforming care. Students apply technology, clinical information systems, and knowledge of precision-health terminology to manage patient data and clinical information systems for the purpose of advancing and transforming care. Fee: \$250. S

6303 Organizational Systems Leadership. Focuses on organizational systems and leadership skills to influence patient and population health outcomes. Effective communication and collaboration skills for leadership of inter-professional teams are examined. Studies role of leadership in implementation of policy and practice standards to facilitate organization-wide change to assure accountability for quality of care for patients and populations; and communication with governmental officials to influence health care transformation. Fee: \$250. SU

### **(PFP) Personal Financial Planning**

3300 Financial Stewardship. Personal finances from the perspective of becoming a responsible steward. Topics covered will include budgeting, savings, investing, giving, and managing money. PRE: FIN 2301. Fee \$100. F

3310 Retirement Planning. Foundational course in retirement planning. PRE: FIN 2301. S

3320 Insurance Planning, Risk Management, and Employee Benefits. Fundamentals of risk management and insurance, including the nature and treatment of pure loss exposures; legal principles; and property, liability, life and health insurance. PRE: FIN 2301 and FIN 3300. F

4310 Estate Planning and Taxation. Foundational course in estate planning methodologies and policies related to tax issues. PRE: FIN 2301 and ACC 4305. SO

4320 Securities Analysis and Asset Allocation. Focuses on the theory and practice of asset allocation. Topics covered include setting investment goals, risk tolerance, diversification and risk reduction, basic security valuation and analysis, capital markets, investment alternatives, and fundamentals of portfolio design. PRE: FIN 2301 and FIN 4309. SO

4380 Case Studies in Financial Planning. Integrates the financial planning content areas into the development of comprehensive financial plans. PRE: FIN 2301 and PFP 4320 or concurrent enrollment in PFP 4320. D

### **(PHI) Philosophy**

2304 Introduction to Philosophy. Introduction to philosophy and a review of the history of Western thought. Course considers the nature of knowledge, truth, worldview, and the use of rhetoric in philosophy. SE

3303 Plato. Introduction to the Republic, the seminal work in the Western tradition, as an introduction to Platonism and to all the familiar themes of Western philosophy, and particularly justice, government, and political philosophy. FE

3304 Augustine and Aquinas. Advanced introduction to the thought and influence of the two major Christian thinkers in medieval Western history. Students will engage Augustine's Confessions and City of God, and selected portions of Aquinas' Summa Theological, with a view to the thinkers' influence on Western philosophy and theology. SE

3305 Ethics. Study of ethical theory from the perspectives of philosophy and Christian theology, with an emphasis on application to contemporary issues in medicine, business, politics, and society. B

3310 Aristotle's Ethics. Introduction to the classic work in Western ethics, including understanding Aristotle's originary concern with phenomena and terms, like ethics—we now, following him, take for granted, virtue, character, morals, the good, and the truly or fully human life, with emphasis on development of our own character, excellence, and happiness. FO

4306 Philosophy of Religion. Study of religious knowledge and experience, faith and reason, the concept and arguments for God, and the problem of evil. FE

6312 Studies in Philosophy. Examination of key philosophies and philosophers with an emphasis on the Classical Western Philosophic tradition. D

### **(PHY) Physics**

1103 General Physics I Lab. Experiments in mechanics and wave motion. CO: PHY 1303. F

1104 General Physics II Lab. Electricity and optics. CO: PHY 1304. S

2101 Engineering Physics I Lab. Mechanics, wave motion. CO: PHY 2301. F

2102 Engineering Physics II Lab. Optics, electricity, and magnetism. CO: PHY 2302. S

1303 General Physics I. Non-calculus introduction for science majors other than those in physics, chemistry, or engineering. Covers mechanics and wave motion. PRE: MAT1311 or more advanced. CO: PHY 1103. F

1304 General Physics II. Primarily electricity, magnetism, and optics. CO: PHY 1104. S

2301 Engineering Physics I. Calculus-based course for students in physics, chemistry, engineering, and mathematics. Includes mechanics, thermodynamics, and wave motion. CO: PHY 2101. F

2302 Engineering Physics II. Optics, electricity, magnetism, and some nuclear physics. CO: PHY 2102. S

### **(PSY) Psychology**

1300 General Psychology. Introductory course concerning the major theories and recent research in the broad field of psychology. B

2310 Lifespan Human Development. Physical and psychological development of the individual from infancy through adulthood.

B

2340 Psychology of Diversity. Survey of the nature and characteristics of diverse populations from a historical perspective and current perspective. In addition, insight and understanding of social relationships in a culturally diverse society are examined.

B

3300 Child and Adolescent Development. Study of physical, intellectual, social, and psychological development from birth through adolescence. Does not count toward the major. B

3301 Introduction to Counseling Professions. Introduction to the practices of psychologists, professional counselors, and marriage and family therapists. In addition to training in basic helping and interviewing skills, this course will survey career opportunities, ethical issues, and professional issues associated with the various helping professions. F

3302 Counseling Theories and Techniques. Study of the major models and theories of psychotherapy. Special attention will be given to developing basic therapeutic skills associated with these theories. PRE: PSY 1300. S

3303 Abnormal Psychology. Study of the etiology and the nature of individual abnormalities. Some attention is given to the measurement and therapy of various abnormalities. B

3304 Adolescent Psychology. Application of developmental theory and cultural contexts to the understanding of persons in transition to adulthood. Does not count toward the major. S

3310 Psychological Statistics. Introduction to descriptive and inferential statistics from the T test to Chi square. Includes introduction to analysis of variance, multiple regression, and non-parametric techniques. Fee \$50. B

3315 Ethics in the Helping Professions. Focuses on the professional practices and ethics in the helping profession as well as the legal aspects of providing professional services in helping professions. Students learn to manage themselves and their professional practice to be both legal and ethical. F

3320 Social Research Methods. Introduction to the major steps of scientific inquiry into social relations. Emphasis will be placed on survey design and analysis. PRE: PSY 1300 or SWK 2300. S

3322 Gender and Sexuality. Human gender and sexuality from a life cycle perspective, with an emphasis on developmental, familial, and societal factors that influence gender and sexuality. S

3324 Marital and Family Therapy. Introduction to the major models of marriage and family relations, dysfunctions and techniques of intervention. S

3326 Crisis Intervention. Study of crisis situations in multiple settings with emphasis on appropriate behaviors and responses to crisis. Applied therapeutic counseling in general and crisis intervention specifically are presented, along with strategies to alleviate crisis and deal with crisis aftermath. S

3327 Physiological Psychology. Introduction to the nervous system, brain and behavior, neuroanatomy, genetics, neurological basis of learning, cognition, sensation, memory, motivation, and abnormal behavior. D

3350 Psychology of Aging. Theory and research on aging, covering demographic, sociocultural, economic, individual, and social factors. S

3381 Social Psychology. Study of the impact of society and the individual's effect on significant and social institutions. F

4302 Theories of Personality. Introduction to the theories and methods of the study of personality, with emphasis upon the dynamics of personality development. PRE: PSY 1300 or consent of professor. B

4304 Psychological Testing. Provides means of securing, recording, and using test data concerning individuals and groups. Emphasis is given to practical experience in using tests, inventories, and other devices for psychological measurement. PRE: PSY 1300. S

4305 Experimental Psychology. Survey of experimental methods employed in the study of human behavior. Special attention is given to the sensory systems, perception, and learning. Required laboratory is graded with the course. F

4307 Learning, Cognition and Emotion. Study of the principles of learning, cognition and emotion, and their applications to

the understanding of human development and personality. PRE: PSY 1300. F

4321 Forensic Psychology. Study of the intersection of crime, law, and psychology. Emphasis will be placed on understanding how abnormal behavior is treated in the judicial system, as well as civil commitment and criminal competencies. F

4322 Drugs, Alcohol, and Behavior. Survey of psychological factors involved in drug use and an introduction to chemotherapy used in treatment of mental illness. S

4342 Qualitative Research. Study of qualitative research methods in psychology. S

4390 Practicum. Participation in a departmentally approved structured and supervised setting to give an introductory experience to the field of psychology. Each student participating in a field experience MUST purchase professional liability insurance through the university. Students who are not psychology majors may take the course with departmental approval. Course may be repeated for credit with departmental approval. Students in this course will be encouraged to become members in a professional behavioral science organization such as ACA, NCFR, APA, or AACA. Fee \$300. B

### **(REA) Reading**

3330 Literacy and the Young Child. Developmentally appropriate techniques and materials designed to assist young children in pre-reading and the transition to beginning reading. Includes field experience. B

3340 The Reading Writing Connection. Theories and strategies for developing communication skills and reasoning abilities. Emphasis will be on the integration and application of listening, speaking, writing, and thinking skills throughout the curriculum. Students will spend a minimum of 12 clock-hours observing and teaching in an elementary/middle school setting. B

4350 Practical Applications to Reading. Organization and use of content, learning experiences, and resources for teaching reading in the elementary school. B

4360 Reading Across the Curriculum/Practicum. Theories and strategies for teaching and integrating reading strategies throughout the elementary/middle school curriculum. Emphasis will be placed on developing and delivering a one-week content area unit. Students will spend a minimum of 10 clock hours in their assigned classroom before beginning the unit. B

### **(REL) Religion and Theology**

3301 World Religions. Study of the history, literature, and practices of the living major world religions. F

3311 Topics in Theology. Examine theological thinking, types of theology, and important theological issues. F

3312 Syro-Palestinian Archeology. Dynamics of the interplay of history, religion, and culture through the philosophy and science of Near Eastern archaeology. Students encounter concepts of worldview, morality, religion, and culture. D

3368 Intermediate Studies in Religion/Theology. Supervised intermediate research and writing in a specific religion or theology area. Specific semester topics will appear on the transcript. PRE: permission of instructor. D

6110 Restoration History and Theology. Readings in the history and theology of the Stone-Campbell movement and study of the heritage of churches that have emerged from that religious tradition. D

6301 World Religions. Study of the major world religions (Hinduism, Buddhism, Judaism, Islam, and Christianity), using historical, sociological, phenomenological, and comparative theological methodologies. While all religions are studied, specific emphases may be given to certain regions, religious subsets, themes, and/or teachings. D

6312 Studies in Theology. Analysis of specific theological trends and current religious thought. D

6333 Ethics. Study of ethical decision making with an emphasis on the historical development of ethical and Christian thought. D

6334 Christian History and Theology I. Study of major events, people, and historical and theological developments in Christian history ranging from the emergence of the Christian church reflected in the New Testament to the late Medieval period. D

6335 Christian History and Theology II. Study of major events, people, and historical and theological developments in Christian history ranging from the 16<sup>th</sup> century period of Reformations to the contemporary setting. D

**(SOC) Sociology**

1300 General Sociology. General introduction to sociology, including the relationships of the individual to the society and culture of which the person is a part. B

**(SWK) Social Work**

2300 Introduction to Social Work. Introduction to social work, including a definition of the term itself, a look at the history of social welfare, and a review of the knowledge, values, and skills required of the social work professional. A description of various social work services is provided by speakers from several agencies in the community. B

2320 Social Justice. Analysis of social injustices in contemporary society and an examination of possible policy changes to alleviate the injustices. Y

2340 Diversity. Overview of diverse populations. Insight and understanding of social relationships in a culturally diverse society are examined. Cultural competency in social work is emphasized. Y

3301 Generalist Practice with Individuals and Families. Study of the values, skills, knowledge, and ethics needed for generalist social work practice with individuals and families. B

3302 Generalist Practice with Communities and Organizations. Study of the skills, knowledge, and ethics needed for generalist social work practice with organizations, communities, and society. B

3303 Generalist Practice with Groups. Study of the skills, knowledge, and ethics needed for generalist social work practice with small groups. B

3304 Social Welfare Policy. Study of social values and philosophical approaches for social welfare policies. Analysis of legislative process, policies, and programs affecting the social worker. B

3306 Social Work Ethics and Professional Behavior. Provides a foundation for ethical decision making in social work practice. Theoretical perspectives and models on ethical decision making, professional ethics, ethical dilemmas and values are explored. Expectations for professional behavior in the field of social work is emphasized. B

3310 Statistics. Introduction to descriptive and inferential statistics from the T test to Chi square. Also includes introduction to analysis of variance, multiple regression, and non-parametric techniques. Fee \$50. S,SU

3311 Human Behavior in the Social Environment. Examination of life cycle from birth to death. Focuses on the biological, psychological, sociological, and theoretical perspectives of the lifespan. Attention given to individuals, groups, organizations, and communities. Includes emphasis on diversity, culture, systems, ecological theory, strengths perspective, and empowerment. B

3313 Interventions with Older Adults. Examines older persons and their social service needs. Special attention given to social work practice with elderly and their social service, family and community needs. SU

3314 Family and Community Violence. Examines community, school, family, and workplace violence, including identification, classification, prevention, and case management. Encompasses the enormity of violence through a comprehensive, biophysical perspective. SU

3315 Social Work in Criminal Justice Settings. Provides an overview of the criminal justice system and forensic social work. Explores broader perspectives that have guided and shaped policy in criminal justice, historical trends in criminal justice, and current issues being dealt with at all levels of the criminal justice system. Addresses effective social work practice with juveniles and adults in the community and institutional settings. Emphasis placed on the role of the social work practitioner in the supervision, treatment, and rehabilitation of the population they serve. D

3316 International Social Work. Study of international social work profession and global social issues. D

3320 Social Research Methods. Introduction to the major steps of scientific inquiry into social realities. Emphasis will be placed on survey design and analysis as well as evaluating one's own practice. F,SU

3330 Maladaptive Functioning. Study of the etiology and the nature of mental health disorders. Special attention is given to generalist social work processes in relation to social functioning. B

4610 Field I. Field work in an agency under supervision for 200 clock hours. Focus is on integration of knowledge with actual social work experience. PRE: 2.5 GPA in SWK 3301, 3302, 3303. FEE: \$100. B

4620 Field II. Field work in an agency under supervision for 200 clock hours. Focus is on integration of knowledge and actual social work experience. PRE: 2.5 GPA in SWK 3301, 3302, 3303, completion of or concurrent enrollment in SWK 4610. B

### **(THA) Theatre Arts**

1161 Theatre Activities I: Scenery and Properties. Extensive participation in theatre activities in construction of scenery and of properties. F

1162 Theatre Activities II: Lighting and Sound. Extensive participation in theatre activities in setting and running lighting and sound cues for a production S

1361 Introduction to Acting. Study of basic theories and techniques of the art of acting, with emphasis on character analysis and improvisation. F

2161 Stage Makeup. Learning to design and apply makeup for a theatrical production. F

2302 Principles of Acting. Study and application of the theories and techniques of the art of acting. PRE: THA 1361. S

3301 Principles of Theatrical Scenery. Study of technical problems of play production: design, construction, and painting of scenery and properties and special effects. FO

3304 Principles of Theatrical Lighting. Study of the theory and practice of theatrical stage lighting: elementary electricity, lighting control and instruments, and lighting design. SE

3305 Principles of Theatrical Costumes. Study and application of the theories and techniques of theatrical costuming: survey of historical dress, design for the stage, and construction of theatrical clothing. FE

4301 Stage Directing Methods. Study and practice of fundamental principles and techniques of directing, including student direction of representative plays. PRE: Junior standing, THA 2302, 3301, 3304 and 3305. FE

4304 History of Theatre I. Survey of the history of theatre-the origins of theatre to 1800. SO

4305 History of Theatre II. Survey of the history of theatre, 1800 to the present-Contemporary Theatre. SE

4324 Studies in Shakespeare. Analysis of the development of Shakespeare's art and thought as viewed through his better known plays. SO

4326 Literature and the Film. Review of film theory, film history, and the development of film making, with an emphasis on criticism of filmed adaptations of significant works of literature. S

4365 Creative Dramatics. Studies in the principles and methods of using creative dramatics teaching elementary school subjects. F

4368 Play Direction. Study and practice of basic principles and techniques that deal with choosing, casting, and staging a play. PRE: Junior standing and THA 4301 consent of the instructor. SO

### **(UGR) Undergraduate Research**

2188, 3188, 4188, 2288, 3288, 4288, 2388, 3388, 4388, 2488, 3488, 4488, 2688, 3688, 4688 Undergraduate Research. Undergraduate research supervised by academic department. Undergraduate research for credit must not be directly associated with other course requirements. Undergraduate research may, at the discretion of the academic chair, be added to the degree plan increasing the total hours required to complete the degree. A maximum of 6 undergraduate research credit hours may be earned. PRE: approval of academic chair. D

### **(UNI) University Studies**

1170 University Seminar. Introduction to an academic field. Provide assistance in transition into a major program. B

2000 University Skills. Measures college-level core competencies necessary for success in upper level course work. PRE: Completion of general core. B

### **(WSH) Washington Internship**

4660, 4960 Washington Internship. Internship in Washington, D.C. Significant fee applies, some of which may be offset by funded scholarship. PRE: Permission of Washington Program Director. D

### **(YFM) Youth and Family Ministry**

2311 Foundations of Children, Youth and Family Ministry. Introduces students to the world of children, youth and family ministry and contemporary influences on, and ways to approach, ever-changing youth culture. F

2324 Strategic Issues of Youth and Family Ministry. Explores the pragmatic side of youth and family ministry by considering strategic issues like programming, event planning, youth culture, personal ministry, and other issues necessary for developing effective ministers to youth and their families. S

3303 Adolescent Spiritual Formation. Study and consideration of the spiritual formation of adolescents in light of theological, psychological, sociological, and cultural realities. Considers age appropriate spiritual disciplines and prepares to direct adolescents in their relationships with God. FE

4090 Practicum. Supervised internship in student area of ministry, culminating in a final, written report. Recommended for summer completion with fall enrollment. F

4311 Studies in Youth and Family Ministry. Essential classic and contemporary readings and activities in the field. D

4322 Advanced Youth and Family Ministry. Academic culmination of the YFM specialization. Students will develop an integrative and implementable model of youth ministry in the context of family programming. S