

# 2013-2014 UNDERGRADUATE CATALOG

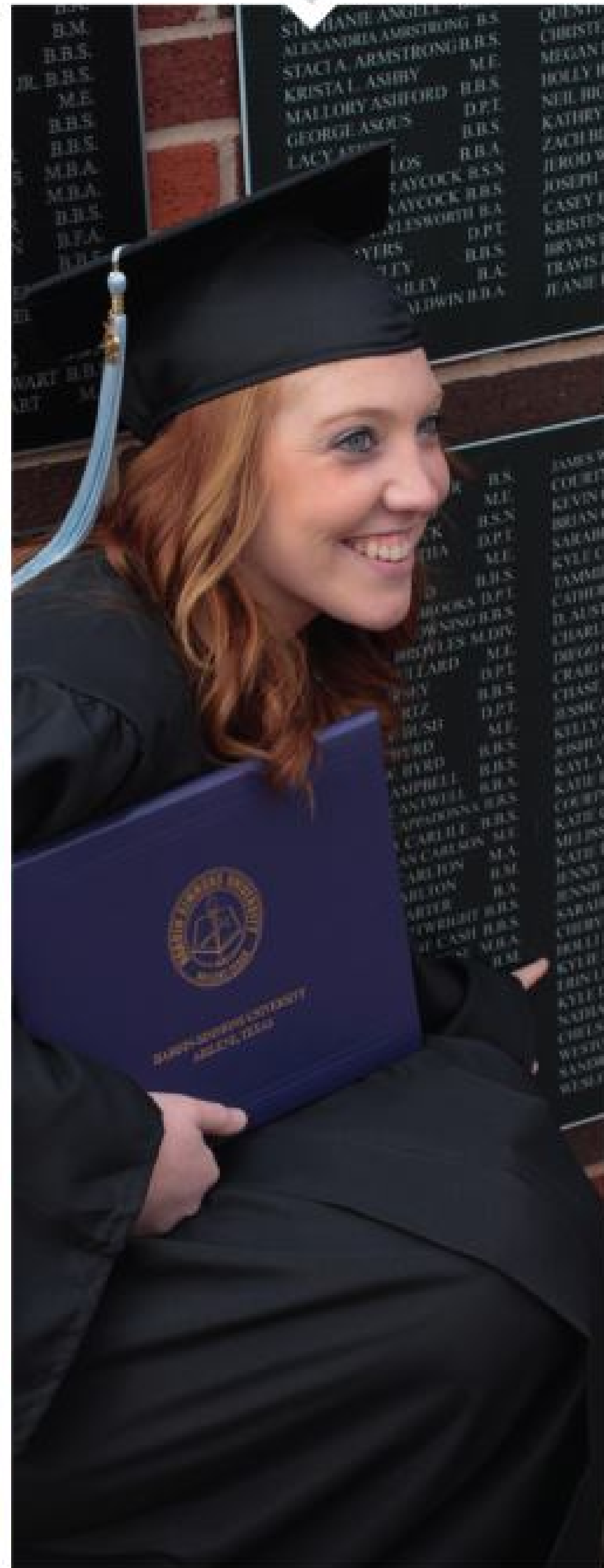
TRADITION



FAITH



ACHIEVEMENT



FRIENDS



LEARNING



**HARDIN-SIMMONS**  
UNIVERSITY  
*An Education Enlightened by Faith*

# HARDIN-SIMMONS UNIVERSITY

Established 1891  
Abilene, Texas  
Telephone: (325) 670-1000

2013-2014  
Hardin-Simmons University Catalog  
Volume 120  
Effective June 1, 2013

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Questions regarding Title IX should be directed to:  
Mr. John Neese  
Box 16185,  
Abilene, TX 79698  
(325) 670-1378.

## ACADEMIC ORGANIZATION

- Cynthia Ann Parker College of Liberal Arts
- Holland School of Sciences and Mathematics
- Kelley College of Business
- Irvin School of Education
- College of Fine Arts
- Patty Hanks Shelton School of Nursing
- Logsdon School of Theology
- Graduate School

## Accreditations

Hardin-Simmons University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097. Telephone number 404-679-4501) to award Bachelor, Master and Doctoral degrees. Inquiries addressed to the Southern Association of Colleges and Schools Commission on Colleges should relate only to the accreditation status of Hardin-Simmons University, and not to general admission information. All other inquiries about Hardin-Simmons University and its programs should be addressed to the offices of the University.

Accreditation Council for Business Schools and Programs  
Association of Theological Schools  
Commission on Accreditation in Physical Therapy  
Commission on Accreditation of Athletic Training Education  
Commission on Collegiate Nursing Education  
Council on Social Work Education  
National Association of Schools of Music  
Texas Board of Nursing  
Texas Education Agency

## Memberships

American Association of Colleges of Nursing  
American Mathematical Society  
Association of Independent Liberal Arts Colleges for Teacher Education  
Association of Southern Baptist Colleges and Schools  
Association of Texas Colleges and Universities  
Association for Theatre in Higher Education  
Consortium of Schools of Texas Teacher Education  
Council of Academic Programs in Communication Sciences and Disorders  
Council for Christian Colleges and Universities  
Mathematical Association of America  
National Academy of Paraprofessional Programs in Communication Sciences and Disorders  
National Association for Foreign Student Affairs  
National League of Nursing  
Texas Association of Colleges for Teacher Education  
Texas Association of Gifted and Talented  
Texas Association of Schools of Art

## Alumnae of the University Are Approved for Membership In

American Association of University Women

This catalog is an official publication of Hardin-Simmons University. It is intended solely as a description of selected programs and activities of the University and does not constitute a contract between any party and the University. Hardin-Simmons University retains the right to terminate or change any of its policies, programs, requirements, course offerings, class schedules, teacher assignments, tuition, fees, and all aspects of its educational and other programs at any time without prior notice. It should be noted that this Catalog does not contain all University rules, regulations and policies for which a student is responsible, and students are advised to refer to other University publications, such as the Student Handbook, for additional information.

***It is the student's responsibility to know and comply with catalog regulations governing admission, registration, retention, withdrawal, degree plans, graduation requirements, payment of tuition, etc.***

**Office of Enrollment Services  
2200 Hickory, Box 16050  
325-670-1206 800-568-2692  
www.hsutx.edu/admissions**

Hardin-Simmons University information can be reached by calling 325-670-1000.

**CORRESPONDENCE**

Correspondence and telephone inquiries should be addressed to the following office and individuals at Hardin-Simmons University, Abilene, Texas 79698

ACADEMIC ADVISING CENTER	Mrs. Gracie Carroll	670-1480	Box 16052
ACADEMIC AFFAIRS	Dr. Thomas Brisco	670-1210	Box 16200
ACADEMIC RECORDS AND REGISTRATION	Mrs. Kacey Higgins	670-1200	Box 19190
ADMISSIONS	Mrs. Vicki House	670-1206	Box 16050
ALUMNI RELATIONS	Mrs. Britt Jones	670-1260	Box 16102
ATHLETICS	Mr. John Neese	670-1273	Box 16185
BAPTIST STUDENT MINISTRIES	Mr. John Hunt	670-1256	Box 16160
BEQUESTS AND TRUSTS	Mr. Mike Hammack	670-1278	Box 16100
CAREER SERVICES	Mrs. Kelly Wood	670-1251	Box 16090
CHAPLAIN	Dr. Kelly Pigott	671-2190	Box 16105
FINANCIAL ASSISTANCE	Mrs. Bridget Moore	670-1482	Box 16050
FINANCIAL GIFTS	Mr. Mike Hammack	670-1278	Box 16100
FINANCIAL INFORMATION	Mr. Harold Preston	670-1221	Box 16005
GRADUATE STUDIES	Dr. Nancy Kucinski	670-1298	Box 16210
INFORMATION AND PROSPECTIVE STUDENT	Mr. Jim Jones	670-1207	Box 16050
INTERNATIONAL STUDIES	Dr. Allan Landwer	670-5894	Box 16165
NEWS AND INFORMATION	Mrs. Janlyn Thaxton	670-1264	Box 16100
RESIDENCE HALL RESERVATIONS	Mr. Caleb Steed	670-1252	Box 16076
STUDENT LIFE	Dr. Dave Rozeboom	670-1250	Box 16150
VETERANS AFFAIRS	Mrs. Kimberly Beal	670-1203	Box 16190

**NON-DISCRIMINATION**

Hardin-Simmons University offers complete equality of opportunity to all qualified students without regard to race, creed, color, sex, age, national origin, handicap or genetic information.

**RELEASE OF STUDENT INFORMATION**

Regulations regarding the release of student information is printed in the Student Handbook [Federal Family Educational Rights and Privacy Act of 1974 (FERPA) (20 U.S.C. 1232g; 34 CFR part 99)].

**TITLE IX**

Questions regarding Title IX should be directed to Mr. John Neese, HSU Box 16185, Abilene, Texas 79698 (325) 670-1273.

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## INTRODUCING HARDIN-SIMMONS UNIVERSITY

Hardin-Simmons University provides the opportunity for a quality education in a Christian environment for all qualified men and women. Hardin-Simmons, a Master's (Comprehensive) University with a Cynthia Ann Parker College of Liberal Arts, Holland School of Sciences and Mathematics, Kelley College of Business, Irvin School of Education, College of Fine Arts, Patty Hanks Shelton School of Nursing, and Logsdon School of Theology, and a Graduate School, is fully accredited and holds membership in good standing in the appropriate agencies as listed in this Catalog. Hardin-Simmons University offers a Doctor of Physical Therapy (DPT) degree, which can be attained after earning a bachelor's degree. HSU was the first in the state to implement a DPT program and continues to be the only private school in Texas to offer this program. In the fall 2009, Hardin-Simmons University began offering a Doctor of Ministry (D Min) degree through Logsdon School of Theology. The Doctor of Ministry degree is an advanced program oriented toward ministry. The Irving School of Education began offering the Doctor of Education (Ed D) in Leadership in fall 2012. Graduates have been singularly successful in being admitted to graduate and professional schools and have been readily employed in business, education, and professional fields.

Located in Abilene, Texas, Hardin-Simmons has contributed to the development of the West and helped establish a city and area where cultural, educational, and spiritual values are highly regarded. Two other church-related colleges in the city share with the University an interchange of courses, library facilities, and extracurricular activities. A city civic center, a library, a symphony orchestra, a community theatre, a county coliseum, a modern airport, and progressive leadership afford a most desirable environment in a metropolitan population of 133,000.

The climate and location make for generally ideal weather conditions. The city is situated on U.S. Interstate Highway 20, midway between Dallas and New Mexico.

Hardin-Simmons was founded in 1891 as Abilene Baptist College, renamed Simmons College in honor of the first major donor, Dr. James B. Simmons, a Baptist minister of New York City, and later named Hardin-Simmons University in recognition of gifts by Mr. and Mrs. John G. Hardin of Burkburnett, Texas. The University has become well established with a growing endowment and modern facilities.

The Elwin L. Skiles Social Sciences Building and the Caldwell Music Building are among the latest additions to the compact and beautiful campus, known as "The Forty Acres."

Originally founded by the Sweetwater Baptist Association, the University has been affiliated with the Baptist General Convention of Texas since 1941.

Throughout its history, Hardin-Simmons University has emphasized religious training and spiritual values; hundreds of preachers, missionaries, and directors of religious education and music are among the alumni. The foundation agreement reads in part that the school's purpose shall be "To bring young men and women to Christ; to teach them of Christ; to train them for Christ."

### MISSION STATEMENT

**The mission of Hardin-Simmons University is to be a community dedicated to providing excellence in education enlightened by Christian faith and values.**

### STATEMENT OF PURPOSE

Hardin-Simmons University, a church-related institution affiliated with the Baptist General Convention of Texas:

**Fosters the intellectual development of students** by providing an academically challenging undergraduate education based upon a liberal arts foundation, and advances scholarly growth by offering specialized graduate and professional degree programs.

**Academic excellence continues as a priority** at Hardin-Simmons University as it has for more than a century. The foundational curriculum involves students in a broad range of inquiry relating general studies with requirements of the chosen major. Graduate programs broaden the scope of learning in scientific and professional disciplines and encourage students to regard learning as a lifelong process. Small classes taught by experienced scholars give the opportunity for interactive learning. The institution's commitment to excellence is best illustrated through the lives of graduates who traditionally have excelled in a wide variety of fields.

**Affirms the relevance and importance of the Christian faith** for life in the contemporary world by maintaining a clear identification with the loyalty to the Christian faith and functioning within the context of historic Baptist values and principles.

Founded in 1891 by a determined group of ministers, ranchers and merchants, Hardin-Simmons University established dual goals of developing the mind and nurturing the spiritual life of its students. That commitment to encourage growth in faith and knowledge has remained central. Believing academic excellence and Christian faith to be complementary, the University emphasizes the need for interaction between faith and reason.

**Encourages individuals to lead lives of service** through active involvement in intellectual, cultural and religious life, both on the campus and in the larger communities of Abilene and the world.

Although Western in tradition, the University takes pride in the cosmopolitan nature of its students, faculty and staff, and encourages the development of an international perspective. Through its leadership in providing intellectual, spiritual, cultural and social opportunities, the University serves as catalyst for the advancement and enrichment of its students and the community.

### Presidents

The Rev. W. C. Friley .....	1892-1894
Dr. George O. Thatcher.....	1894-1898
Dr. O. C. Pope .....	1898-1901
The Rev. C. R. Hairfield .....	1901-1902
Dr. Oscar H. Cooper .....	1902-1909
Dr. Jefferson D. Sandefer .....	1909-1940
Dr. Lucian Q. Campbell, acting President.....	1940-1940
Dr. William R. White .....	1940-1943
Dr. Rupert N. Richardson .....	1943-1953
Dr. Evan Allard Reiff.....	1953-1962
Dr. George L. Graham, Interim .....	1962-1963
Dr. James H. Landes .....	1963-1966
Dr. Elwin L. Skiles .....	1966-1977
Dr. Jesse C. Fletcher .....	1977-1991
Dr. Lanny Hall .....	1991-2001
Dr. W. Craig Turner.....	2001-2008
Dr. Lanny Hall .....	2009-Present

## HSU LIBRARIES ADVANCE SCHOLARSHIP, RESEARCH, AND DISCOVERY

Hardin-Simmons University Libraries include the Richardson Library and the Smith Music Library. The libraries maintain a robust website with databases, print and e-books, subject guides, contact information, and service hours easily available: <http://www.hsutx.edu/library>. Call the library's information number (325) 670-1236 for hours, research assistance, or other library services.

### Help

Librarians are HSU faculty members who have extensive professional expertise in helping students find and use information. Through library and classroom instruction, they guide students in the use of resources for maximum effectiveness and efficiency. Librarians are available at the Information Desk, by phone, by live-person-chat, by text, and via email.

### Online Access

The online catalog, full-text periodical articles, electronic reference sources, databases, e-books, subject guides, digital archives and recommended websites are all available 24/7 to current students from the library home page using computers on or off-campus. The library's discovery tool *Research Roundup!* simplifies searching by providing a one step process.

### Materials

Library materials include online and print reference resources, circulating print books, electronic books, videos, DVDs, CDs, audio cassettes, CD-ROMs, music scores, microforms, and full-text databases of periodicals and newspaper articles. Special collections include the Kelley and Tandy Bible Collections, the R.C. Crane Collection of Texana, the Barron-Faulkner Collection, West Texas Digital Archives, Abilene Photograph Collection, Hertzog Fine Printing Collection, federal depository documents, and the Sims and Morrison Hymnody Collections. HSU libraries provide access to over 420,000 items and 40,000 full-text journals; the Abilene Library Consortium adds access to over 2 million items; and TexShare resources are available from across the state.

### Technology

The libraries provide computers in collaborative and single user settings as well as networked printers, wireless connectivity, scanners, projectors, audio players, video players, copiers in color and black and white, lamination services, and telefax.

## ADMISSION

Applying for admission to Hardin-Simmons University is a simple procedure for most candidates. The admission process as well as the various methods of admission are discussed on the following pages.

### ADMISSIONS PROCEDURES

Information and application materials may be obtained from the Office of Enrollment Services as well as our website at [www.hsutx.edu](http://www.hsutx.edu). Applicants will submit the following:

- 1. Application and Fee:** A completed application for admission accompanied by a non-refundable \$50.00 admission fee.
- 2. Official High School Transcript:** A transcript sent directly from the high school or accredited home-school program indicating graduation date. (No high school transcript is required of a student transferring at least 24 semester hours to HSU from an accredited junior or senior college.) The student's academic ranking within his/her class should be indicated on the transcript. Tentative approval can be granted upon receipt of a three-year transcript. (Unaccredited home

school programs see G.E.D., p. 8 and Tentative Admission Status, p. 8.)

**3. Entrance Examination Scores:** All entering freshmen must submit scores on either the American College Test (ACT) or the Scholastic Aptitude Test of the College Entrance Examination Board (SAT). It is the responsibility of the student to see that these scores are reported to the Office of Enrollment Services. (Scores are not required of individuals who qualify for Special Student Admission, nor from transfer students with 24 or more transferable hours from an accredited junior or senior college.) Applicants who have not taken the ACT or SAT examination will be required to take the ACT residual examination at HSU before acceptance. HSU requires the writing portion of both the ACT and the SAT.

**4. Housing and Health:** Upon acceptance to the University, students may complete the Housing Application and Health Form on-line. A Health Form is required for all students. *Texas legislation requires that every new student enrolling in a Texas college or university submit documentation of Meningitis Vaccination, regardless of residency status. Vaccine must have been received no less than 10 days prior to moving into campus housing or attending class. Exemptions include students enrolled in online or other distance education, or students 30 years of age or older. Any exceptions must be approved by the University Nurse and the Vice President for Student Life.* Regardless of residency (on/off campus) or enrollment status (full-time, part-time, etc.), all students are required to submit a health form showing up-to-date immunizations.

All single students under age 21 taking more than six semester hours, unless living with family, are required to live in a residence hall and to eat in the campus dining hall until the completion of 60 hours.

After the University has received all materials, the applicant will be notified promptly concerning admission. Under certain conditions, tentative approval may be granted subject to a final decision to be made after the application process is complete. All materials submitted for admission purposes become the property of the University and will not be released back to the student.

The University reserves the right to deny admission, suspend, or refuse readmission to any student who does not fully comply with admission procedures, whose application gives evidence that the student would find the aims and objectives of the University incompatible with his/her lifestyle, who does not meet his/her financial obligations to the University in a manner satisfactory to the University Controller, or whose admission or continued enrollment is deemed to be undesirable for any reason. The University reserves the right to refuse or cancel a student's admission or to direct his/her activities in the University if the student's physical and/or mental health status indicates that such action is essential for safeguarding fellow students, faculty and staff. However, no student shall be denied admission, suspended, or refused readmission by reason of race, age, physical or academic disability, color, sex, national origin, or religion.

HSU provides all students with tutoring services through the Tutorial Center and/or particular academic departments at no charge. Students with learning disabilities will be encouraged to take advantage of these services. In addition, HSU will provide appropriate auxiliary aids and services, which reasonably accommodate learning disabilities. However, HSU does not offer separate degree plans for a program of remedial instruction designed for students with learning disabilities. Any person who has been accepted for admission to the University and who wishes to disclose his or her learning disability should complete the Disclosure of Disability Form before the first full week of classes.

A student who makes a disclosure of a disability has the legal responsibility to request any special accommodations in a

timely manner, allowing reasonable time for the University to respond. The student has the additional responsibility to provide the institution with appropriate current (within a three-year period) documentation of the disabling condition. Completion of the required documentation is necessary in order to allow the University to determine reasonable accommodation of needs.

Students with disabilities admitted to HSU will be expected to meet the same academic and behavior requirements that are expected of all students at HSU.

### International Students

All international students, except those who are permanent U.S. residents or who have immigrant status, must submit the following information before full consideration for admission will be given:

1. An official international student application.
2. Payment of a non-refundable application fee.
3. Official transcripts in English of all academic work attempted (secondary and postsecondary).
4. Two personal references.
5. A notarized statement from family or sponsor indicating ability and willingness to assume all financial responsibilities while in the United States, including official bank statements and/or other requested substantiation of available resources.
6. Housing and Health Forms. Upon acceptance to the University, students may complete the Housing Application and Health Form on-line. A Health Form is required for all students. *Texas legislation requires that every new student enrolling in a Texas college or university submit documentation of Meningitis Vaccination, regardless of residency status. Vaccine must have been received no less than 10 days prior to moving into campus housing or attending class. Exemptions include students enrolled in online or other distance education, or students 30 years of age or older. Any exceptions must be approved by the University Nurse and the Vice President for Student Life.* The student is also required to submit tuberculosis test results or a chest x-ray three months before entering the states. All single students under age 21 taking more than six semester hours, unless living with family, are required to live in a residence hall and to eat in the campus dining hall until the completion of 60 hours.
7. Any international student that cannot provide documentation of health care coverage will be required to purchase insurance and the premium added to their student account.
8. Satisfactory score of 550 on the TOEFL (213 on Computer-based or 75 on Internet-based) unless transferring 24 or more credit hours from an accredited college or university. All international transcripts must be evaluated by an accredited evaluation service.
9. Each international student entering HSU will post a three hundred dollar (US \$300) enrollment deposit with the Business Office. This Deposit can only be utilized toward payment of the student's first semester's expenses, and will not be released earlier. International students will not be admissible until the deposit is recorded on the University ledgers.
10. No Form I-20 will be issued until all appropriate documents have been received by the University, including the SEVIS I-90 Fee.

### TYPES OF ADMISSION

Individuals may gain admittance to HSU by one of the following types:

#### High School Graduation

High school graduates who have earned a minimum of twenty-six units are eligible to be considered for regular admission. Students who have obtained college credit hours prior to high school graduation must apply according to freshmen admission guidelines.

Of the twenty-six units required for admission, the following are prescribed:

English*	4 units
Mathematics**	4 units
Social Science	4 units
Science	4 units
Speech Communication	0.5 units
Physical Education	1 unit
Foreign Language	2 units
Fine Arts	1 unit
Electives	5.5 units

\*Requires English I, II, III and IV. Other courses, including Correlated Language Arts and courses from other subject areas, are not acceptable.

\*\*Requires courses at the level of Algebra I and above. Consumer mathematics, pre-algebra, informal geometry, and fundamentals of mathematics are not acceptable.

The elective units may be chosen from the list of subjects accepted by the Texas Education Agency.

Applicants will be evaluated and assigned an admission status based upon their class standing and/or their ACT or SAT scores. Applicants scoring lower than 18 on the ACT or 470 on the SAT-I (English/verbal or writing sections) are required to take English 0110.

Applicants scoring lower than 18 on the ACT Reading Section or 470 on the SAT-I Verbal Section are required to take Reading 1301.

Applicants scoring lower than 18 on the ACT or 470 on the SAT-I (math sections) are required to take Math 0300 if their chosen degree requires Math 1310.

#### Regular Admission

**Level I** (summer, fall, or spring start)

ACT 23 or SAT 1650 or top 10% of high school graduating class.

**Level II** (summer, fall, or spring start)

ACT 20-22 or SAT 1390-1640 or top 25% of high school graduating class. If ACT is less than 20 or SAT is less than 1390, then COHD 1300 Student Success Seminar is required.

No course load restrictions for Level I and II admission. Continuation to next term for Level I and II admission is academic progress.

#### Limited or Restricted Admission

For information regarding limited or restricted admission to HSU, please contact your admission consultant. Acceptance under a limited or restricted program is based on program curriculum, load restrictions, contractual agreements, and letters of recommendation.

#### High School Equivalency Examination (G.E.D.)

If an applicant is a veteran, graduate of an unaccredited home school or private school program, or is seventeen years of age or younger and has not been enrolled in an accredited high school for at least one academic year, he/she may substitute

a score of 450 or better (effective January 1, 2002) on the General Education Development Test (G.E.D.) and scores of at least 21 on the Enhanced ACT or 1450 on the SAT-1 (with writing) for graduation from an accredited high school. Home school students not able to submit official documentation of their academic program are required to submit satisfactory scores on the G.E.D. and/or ACT/SAT.

#### **Special Student Admission**

Individuals, age 25 or older, who wish to enroll for no more than 7 semester hours during any one-enrollment period, may be admitted to special student status upon approval of the Vice President for Enrollment Management. Such individuals will have completed high school or scored 450 or better (effective January 1, 2002) on the G.E.D. prior to admission. Special students will be permitted to accumulate no more than 24 semester hours, and all work will be designated as special student status until the student qualifies for regular admission. Regular admission will be granted after completion of 24 hours as a special student and a 2.00 cumulative grade point average. (Students must be enrolled in at least six semester hours to be eligible for financial aid.)

#### **Start Now (Early College Admission Programs)**

The University provides three early admission categories for high school students who have completed their junior year of high school from which they last took work, and have a 3.00 or better grade point average on a 4.00 scale and/or rank in the upper quartile of their class.

1. **Summer Enrollment—Qualified** individuals who have completed the junior year in high school may enroll in summer school. All work completed will be reported unofficially until the student graduates from high school, at which time the university may issue an official transcript.

2. **Concurrent Enrollment—Qualified** individuals who have completed, or are in the process of completing, the units necessary for admission to the University but wish to continue working on high school requirements for graduation may enroll for up to seven semester hours of credit while concurrently enrolled in high school. Such students may not enroll in a course in the same subject in which they are concurrently enrolled in high school, nor may they participate in intercollegiate activities while concurrently enrolled in high school. All work completed will be reported unofficially until the student graduates from high school, at which time the university may issue an official transcript.

3. **High School Completion—Qualified** individuals who wish to forego the last year of high school in order to substitute a year of college study in a degree program and who have credit for all of the academic units required for regular admission may enroll as regular full-time students.

Individuals seeking admission in one of the above categories must submit all forms required by the regular admission process, and also provide: (1) a letter signed by the individual's parent or guardian evaluating the applicant's suitability for the category of admission sought and giving consent, (2) a letter signed by the individual's high school principal or counselor giving an opinion of the applicant's suitability for the category of admission sought, and (3) course load approval by an HSU academic advisor.

#### **TRANSFER STUDENT ADMISSION**

A student applying for admission as a transfer student from another college or university must submit the following items. (Students who have obtained college credit hours prior to high school graduation must apply according to freshmen admission guidelines.)

**1. Application for Admission and Fee:** An application must be completed and returned to the Office of Enrollment Services with a \$50.00 non-refundable application fee.

**2. Transcripts:** An official transcript must be sent directly from each of the colleges or universities previously attended before admission can be granted. An applicant with fewer than 24 semester credits must also submit a final high school transcript and an official report of ACT or SAT scores.

**3. Eligibility:** A student who is ineligible to continue at another institution, whether for academic or disciplinary reasons, is not eligible for regular admission to HSU. Transfer students who do not qualify for regular admission may be considered by the Admission Committee. For admission purposes, all equivalent work attempted at another institution is included in the calculation of the grade point average on the same basis as courses completed on the HSU campus.

**4. Housing and Health:** Upon acceptance to the University, students may complete the Housing Application and Health Form on-line. A Health Form is required for all students. All single students under age 21 taking more than six semester hours, unless living with family, are required to live in a residence hall and to eat in the campus dining hall until the completion of 60 hours.

#### **Transient (Short Term) Student Admission**

A student desiring to enroll for a summer or for one semester only and not desiring to transfer credits to HSU must complete an application, submit the \$50.00 non-refundable application fee, a student health form, and furnish an official statement of good standing from the last institution attended. Please be advised that transient student status will be ineligible for financial assistance. A transient student who decides to continue at HSU must complete all of the regular transfer procedures.

#### **Former Student Admission**

A student formerly enrolled at HSU who has subsequently attended another college or university must submit an official transcript of all academic work attempted during his/her absence. Transfer work is evaluated on the same basis as work completed prior to approval for admission. There is no additional application fee. However, record information should be updated in the Registrar's Office.

#### **Tentative Admission Status**

Tentative status is a grace period, which is granted for one time only and for only part of a semester. Students who have not moved beyond tentative status will not be allowed to pre-register for the next long term. In addition, all official application materials must be received by the Office of Enrollment Services in the semester in which the status is granted by the official last date to withdraw from a course (approximately two weeks before the end of a long semester, three days before the end of a summer term – see Academic Calendar, inside front cover). At this point, students whose credentials have not been received will be withdrawn from all courses and will receive a grade of WP or WF. In this event, no credit will be earned and no refund will be given.

#### **Audits**

A student applying for admission to audit a class must complete an application, submit the \$50.00 application fee, a student health form, and furnish a letter of permission from the instructor of the course. There is a \$50 per semester hour audit fee. Students over the age of 65 can audit courses at no charge.

#### **TRANSFER CREDIT EVALUATION PROCEDURES**

Evaluation of college transcripts includes, but is not limited to, the following procedures:

##### **1. Evaluation of work:**

**a.** A tentative course-by-course evaluation of transfer work is prepared by the Registrar's Office. If a student is transferring from a college or university accredited by a regional accreditation association (such as the Southern Association of Colleges and Schools), his/her work will be generally accepted if it is equivalent to or parallel with course work offered at HSU and satisfactory grades have been earned. Final acceptance of transfer work is subject to the approval of the Registrar, who is the Articulation Officer for Hardin-



Simmons University. HSU requires an official copy of all transcripts.

**b.** Students seeking to transfer from an **unaccredited** college or university may be permitted to transfer as many as 30 semester hours contingent upon: (1) evaluation of the work to be transferred on a course-by-course basis; (2) completion of at least 15 semester hours of HSU work with a grade of "C" or better.

**c.** Up to 15 semester hours of work unrelated to fields of study offered at HSU may be accepted EN BLOC for elective credit in the student's degree program.

**d.** All transferable work completed at an accredited two-year college will be posted to a transferring student's official transcript. However, **no more than 66 of those semester hours may be applied to any degree.** Therefore, if the student earns more than 66 semester hours from a two-year institution, it will be the responsibility of the student's advisor and/or major department to identify no more than 66 of those hours to be applied toward an HSU degree. **Once a student who has enrolled at HSU has completed a total of 66 semester hours, regardless of where those hours have been earned, the remainder of the hours to be applied to a degree must be completed at a four-year institution. No community or junior college credit will be accepted after the student has earned 66 total hours.**

**e.** Hardin-Simmons University does not grant credit for experiential learning or professional certificates.

**f.** Freshman or sophomore-level courses completed at another institution will not transfer as upper-division credit. Furthermore, such courses may not be substituted for upper-level courses unless approved by the head of the department in which the course is offered or by the dean of the appropriate college or school. (See also Post-Enrollment Transfer Credit.)

**g.** An Evaluation Form, which indicates the transfer status of all courses attempted, will be provided to the applicant usually within three weeks after the receipt of all official transcripts and application credentials.

**2. Grades:** Courses with a grade lower than C will not be accepted in transfer. However, at the time of admission, a student may petition to transfer no more than two courses with grades of D, providing the resulting overall transfer GPA is 2.00 or higher. **After enrolling at HSU, no grade lower than a C will be accepted for transfer credit.** Except for approved Intercollege work taken subsequent to the student's admission to HSU, only work taken at HSU will be used in calculating the grade point average for purposes of graduation, honors, institutional scholarships, and general academic standing.

**3. Credit by Examination:** Course credit earned by examination from another institution must be evaluated and validated in accordance with regular HSU Credit by Examination policies.

**4. Residence Work:** A student transferring from a senior college or university who wishes to complete a degree from HSU must complete a minimum of 25% of the semester credit hours (excluding Intercollege work) in residence at HSU. At least 12 upper level hours in the major field and 6 upper level hours in the minor field must be taken from HSU.

**5. Transfer Work During the Senior Year:** A maximum of nine semester hours may be transferred from another senior institution during the senior year (last 30 hours), provided the student has met the minimum residence requirement. See also Post-Enrollment Transfer Credit.

**6. Transfer Credit for Non-Collegiate Courses:** Transfer credit is given for equivalent work done under the supervision of the United States Armed Forces Institute and related service schools in keeping with the recommendations of the American Council on Education and the Commission on Educational Credit. Credit for the satisfactory completion of non-collegiate courses may also be awarded in subject fields

applicable to degrees at HSU, in keeping with stipulations in the *Directory of the National Program on Non-Collegiate Sponsored Institutions* published by the American Council on Education. Credit may also be awarded for scores of 5, 6, or 7 in Higher Level courses offered through the International Baccalaureate and approved by the appropriate department. Final approval rests with the Registrar.

**7. Post-Enrollment Transfer Credit:** An HSU student who wishes to receive credit for courses taken concurrently or during the summer term at another college or university must obtain written permission documented by the submission of an approved authorization form supplied by the Registrar's Office. Course work taken at HSU for which a grade has been reported may not be repeated and transferred from another institution.

**8. Transfer of Chapel Credit:** Chapel credits from other institutions are non-transferable. For each hour of course work that transfers to Hardin-Simmons students will receive .65 chapel credits up to 60. Transfer students must attend at least 20 chapels to graduate.

**9. Life Experience Credit:** Although some colleges and universities may award "Life Experience Credit," HSU does not award or accept such credit.

**10. Transfer Equivalencies:** Page 205 indicates some of the transfer equivalencies of courses in the Texas common course numbering system.

#### Applicants with Disabilities

Only persons who meet the academic and technical qualifications for admission established by Hardin-Simmons University will be admitted into the programs offered by the University. In assessing applications for admission, the University will reasonably accommodate the disabilities of applicants so long as those accommodations do not create an undue hardship on the University or alter academic requirements the University has established as essential to its program of instruction.

#### New Student Orientation

New Student Orientation is a week designed to help students make the transition to Hardin-Simmons University a smooth and comfortable one. It provides a great opportunity to learn about HSU traditions, make life-long friendships, and participate in fun and exciting activities. It is the perfect way to start building memories of the years at Hardin-Simmons University. New students are placed in teams led by two upperclassmen that help them learn about Hardin-Simmons University's policies, procedures, and traditions. By the time classes start, new students are part of life at Hardin-Simmons University. The cost of New Student Orientation is \$10 and can be paid upon arrival.

#### DISTANCE EDUCATION FOR OUT-OF-STATE ENROLLMENT

On October 29, 2010, the U.S. Department of Education (USDOE) released new program integrity regulations. One of the regulations focused on the need for an institution offering distance education, including practicums, seminars, test proctoring, online courses and degree studies, to acquire authorization from any state in which it operates. This authorization is required to maintain eligibility for students of that state to receive federal financial aid. Institutions have until July 1, 2014, to have obtained the appropriate approvals. Meanwhile, an institution is required to demonstrate a "good faith" effort to comply in each state in which it serves students, and states with regulations in place expect that institutions already be in compliance with their regulations before serving any students in their state.

#### What This Means

Before accepting enrollments from students residing outside of Texas, or Texas students who would do the learning outside the state of Texas, exclusively for any form of distance education, HSU must be in compliance with the distance learning regulations of the states in which students reside while enrolled. Some states require universities to seek approval before enrolling their residents, and the approval processes can be expensive and time intensive.

#### What Hardin-Simmons University Is Doing

HSU continues to work to obtain authorization from other states. However, due to authorization and review processes associated with some states, we may be limited in our ability to accept some distance learning course enrollments.

Please contact Provost Office, (325) 670-1210 to inquire about the current status of your state with regard to this USDOE state authorization requirement. Depending on the status of your state of residence regarding this requirement, HSU may notify you that you are not eligible to register for HSU distance education courses. In this case, Hardin-Simmons University will provide assistance in finding alternatives.

## FINANCIAL INFORMATION

### COST OF ATTENDANCE

In order to give students and parents some security concerning the cost of education, HSU guarantees that the tuition rate during your first "Tuition Year" (for example Tuition Year 2013 is June 1, 2013 - May 31, 2014) will not increase, as long as you maintain full-time HSU enrollment during succeeding Fall and Spring semesters. (This agreement does not cover the tuition of Abilene Intercollegiate School of Nursing, Abilene Christian University, McMurry University, or Physical Therapy.)

The basic costs for a college education at Hardin-Simmons University, as at all colleges, have necessarily increased with living costs. The University maintains these charges at the lowest figure consistent with satisfactory service and sound education.

One factor of importance is that the social, cultural, and recreational opportunities at HSU are available at little or no extra cost and enable those students who must be cautious in their spending to participate fully without embarrassment.

#### Payment of Accounts

Registration is not complete until tuition, fees, room and meals are paid in full and/or satisfactory financial arrangements have been approved by the Business Office.

All registrants must follow through with the financial commitments made at registration to pay all charges in full before advance registration for the following semester.

**Student transcripts will not be released for students who fail to meet this requirement.**

The Business Office accepts American Express, MasterCard, Visa, and Discover online through CashNet. A 2.75% fee will be charged by CashNet for any credit card payments. The **HSU PAYMENT PLAN** for each semester is to make payment in full with a combination of approved financial aid and/or personal payment.

#### HSU Payment Plan Deadlines:

A. Advance Registered students must complete payment by 4:00 p.m. on the scheduled Financial Settlement date (see calendar).

B. Students registering on Registration Day must complete payment at that time.

For the **FALL** and/or **SPRING** semesters only, there are two payment options, if you must vary from the payment plan stated above:

**Option (1)**—a four payment plan through CashNet of any portion not covered by financial aid. A 2.75% fee will be charged for any credit card payments. See HSU Payment Plan Deadlines, above.

**Option (2)**—advise the Business Office of approved financial aid to cover one hundred percent (100%) of your semester charges (do not include College Work Study or HSU Student Payroll). See HSU Payment Plan Deadlines, above.

A service fee of 1.5% per month (18% annual rate) is charged on any amount owed after October for the fall semester and after March for the spring semester, regardless of the payment plan or option that you select.

For the **MAY TERM, SUMMER I, and SUMMER II** semesters, there are two payment options:

**Option (1)** – payment in full of any portion not covered by approved financial aid.

**Option (2)** – advise the Business Office of approved financial aid to cover one hundred percent (100%) of your semester charges (do not include College Work Study or HSU Student Payroll.) See HSU Payment Plan Deadlines, above.

For May Term, Summer I, and Summer II, a service fee of 1.5% per month (18% annual rate) is charged on any amount owed for one month or more, regardless of the payment option that you select.

### TUITION AND FEES

Because economic conditions fluctuate, the University reserves the right to change tuition, fees, room, and meals and other charges at the beginning of any semester.

Students who complete their financial arrangements and the Financial Settlement Agreement online by a designated time prior to registration will be automatically finalized. This status signifies that the student has satisfied the registration requirements of the Business Office and may go directly to class without any further steps.

#### Tuition Year 2013 is June 1, 2013 — May 31, 2014

Current Tuition, Tuition Year 2013,	
per semester credit .....	745.00
Patty Hanks Shelton School of Nursing tuition,	
per semester credit .....	735.00
Patty Hanks Shelton School of Nursing tuition,	
per semester hour – Graduate Students.....	755.00

#### Fees:

Admissions application	
(non-refundable and must accompany application) .....	50.00
Athletic Training Program.....	See ATEP Handbook
Audit fee, per semester credit.....	50.00
Auto permit per year (on-campus parking privileges)	
Students in Residence Halls .....	35.00
Off-campus students.....	30.00
Change of Schedule after regular registration,	
per course dropped .....	10.00
Chapel .....	10.00
Departmental and Laboratory Fees .....	80.00
Departmental fees are charged for all courses requiring	
more hours of classroom instruction per week than	
semester credits. Laboratory fees are charged for all	
courses requiring a laboratory or access to a laboratory or	
special supervision beyond regular classroom instruction.	
Departmental Examination for Credit	
(Advanced Standing/Placement) .....	40.00
Diploma	

(for each original duplicate, or replacement diploma).....	25.00
Diploma Card (for cards filed after the deadline).....	25.00
See page 31 for additional charges	
Enrollment Deposit.....	300.00
Fitness & Sport Sciences Activity Courses (Lab fee).....	40.00
FSSC 1170 Lab Fee.....	65.00
General Fee per semester	
(students taking 9 hours and above).....	325.00
Music Facilities Fee,	
per semester hour of private lessons.....	30.00
Music Private Instruction Fee, per semester hour.....	130.00
Post Office Box Rent per semester	
(Required of all residence hall students).....	15.00
Returned Check.....	15.00
School of Nursing Laboratory Fee per semester.....	100.00
School of Nursing Exam Fees	
<b>Summer</b>	
Pre-Nursing per course.....	25.00
<b>Fall</b>	
Pre-Nursing per course.....	25.00
RN-BSN.....	135.00
Junior Year.....	135.00
Senior Year.....	135.00
<b>Spring</b>	
Pre-Nursing per course.....	25.00
Junior Year.....	85.00
Senior Year.....	435.00
School of Nursing Malpractice Insurance - Fall.....	15.00
School of Nursing Drug Testing – Fall.....	40.00
School of Nursing Parking Fee – Fall.....	10.00
School of Nursing Preceptor per semester - Seniors.....	150.00
School of Nursing Clinical Supplies Fees	
<b>Fall</b>	
Junior Year.....	150.00
Senior Year.....	150.00
<b>Spring</b>	
Pre-Nursing (Intro to Nursing).....	50.00
Junior Year.....	100.00
School of Nursing Graduate Fees	
Lab fee per semester.....	100.00
Malpractice Insurance – Fall.....	61.00
Parking Fee – Fall.....	10.00
Clinical Supplies Fee	
Summer.....	100.00
Spring.....	100.00
Drug Testing Fee – Fall.....	40.00
Exam Fee.....	50.00
Special Examination.....	25.00
Student I.D. Card Replacement.....	7.50
Technology Fee (Fall and Spring semesters)	
1-4 Semester Hours.....	110.00
5-8 Semester Hours.....	160.00
9 or more Semester Hours.....	200.00
Technology Fee Summer Semesters	
(each semester).....	110.00
Time Payment Charge for all payment options 18% Annual Rate	
Transcript	
(Accounts must be current before transcripts are issued)	
sent by regular mail.....	5.00
Express mail.....	25.00
Fax.....	10.00
Writing Proficiency Examination Fee	
(Non-Refundable).....	20.00

The university does not levy additional fees for charges associated with the verification of student identity in distance education. Should the university charge such fees students will be notified at the time of registration and enrollment by means of the university's website listing fees, the student's list of charges mailed to him or her upon completion of registration, or the student's account accessed through HSU Central.

#### Deposits:

Off-campus Student Housing Property Deposit	
(refundable).....	200.00
University Place Apartment Deposit (refundable).....	200.00

#### Residence Hall Room and Meals (per semester)

Room (per Spring or Fall semester).....	1700.00
May Term.....	Free if taking classes at HSU
Summer.....	per session – 500.00
Those students requesting and receiving a single room, when such rooms are available, will be charged an additional \$650.00 per semester.	

Residence Hall students are required to have meals in the University dining facility and are to choose one of the below plans. Changes in meal plans may not be made after the 8th class day of a semester. Students not living in the residence hall may contact the Business Office for meal arrangements.

#### Meal Plan

Unlimited Meal Plan.....	1730.00
Meal Plan 10.....	1330.00
Meal Plan 14.....	1625.00
Cowboy Cash.....	up to 200.00
Commuter Meal Plan	
Commuter Pass 50.....	420.00
Commuter Pass 80.....	650.00
(plus sales tax on meal plans)	

#### REFUND POLICY

##### Individual Courses Dropped

Registration with the University is considered a contract binding students for charges for the entire semester. No refunds will be made on individual courses dropped after the closing date of official registration each semester.

##### Credit Balance

A student may request a refund from the Business Office when their account indicates a credit balance.

##### Withdrawal From The University

A student who desires to withdraw from the University must obtain the proper form from the Registrar's Office. The following refunds will be made upon *complete withdrawal* from the University. (Does not apply to "Dropping Individual Classes"—see above). This does not apply to May Term.

REFUND OF ALL INSTITUTIONAL CHARGES ARE GIVEN ACCORDING TO THE FOLLOWING SCHEDULE. DAYS INDICATED ARE CLASS DAYS.

##### May Term:

Tuition refund on the first day of class is 100%, with no refund thereafter.

##### Summer I and II:

First day.....	100%
Second day.....	90%
During second two days.....	80%
During third two days.....	70%

##### Fall and Spring semesters:

First day.....	100%
Next seven days.....	90%
During second eight days.....	70%
During the third eight days.....	50%

#### THE FOLLOWING SCHEDULES ARE REQUIRED BY THE FEDERAL GOVERNMENT:

Student receiving Title IV\* financial aid AND returning to HSU

Refund of all institutional charges according to the following schedule:

First class day.....	100%
Through eighth day.....	90%
Through nineteenth day.....	50%

Through thirty-eighth day .....25%

### **Students receiving Title IV\* financial aid AND NEW to HSU:**

Refund of all institutional charges according to the following information:

\*Title IV financial aid includes, but is not limited to, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (SEOG), Federal Perkins Loan, Federal College Work Study, and Federal Family Education Loans (Stafford and Parent Loan for Undergraduate Students (PLUS)). Due to the requirements of the Higher Education Amendments of 1992, students that are new to HSU and are receiving Title IV financial aid may receive a prorated refund rounded down to the nearest 10% of all charges through sixty percent of the semester.

### **Bookstore**

The University Bookstore supplies the needs of the students for all academic materials. In addition to textbooks and school supplies, the store also offers many convenience and personal needs items and souvenirs. Credit terms for students are available for academic items only. A student's account must be paid-in-full before a credit refund will be issued by the university. All other sales must be cash, VISA, or MasterCard. The HSU Bookstore has on-line capability at [www.hsutx.edu](http://www.hsutx.edu).

### **HOUSING**

**Off-Campus Housing** - The University has a number of unfurnished units available to rent. These units are primarily composed of one-bedroom duplexes and two bedroom houses. University Place Apartments are also available to those students with 60 hours or more. These furnished apartments are available in one, two, or four bedroom floor plans. Requests will be handled on a first-come, first-served basis, with priority given to those applicants with families. However, due to the limited number of available units, some substitutions may be necessary. Applications may be received by contacting the Facilities Office in The Moody Center.

**Residence Halls** - Six (6) residence halls are available for students. Single undergraduate students, under the age of 21, and not living at home are required to live in the residence halls. Exceptions to this policy are granted through the Office of Student Life in cases of hardship or for special reasons. Applications for exception must be submitted two weeks prior to the beginning of each semester. Qualified students who choose to move off campus after the mid-point of a semester forfeit the entire semester's room payment. Refunds during the first five weeks are parallel to the tuition refund rate. After the first five weeks until the mid-semester date, a fifty-percent refund is made to students who move because of approved withdrawal.

Students are required to clean their own rooms. Custodians clean the halls and take care of the community bathrooms and premises.

Students will be held financially accountable for any damage to residence hall facilities. A \$25.00 charge will be made for lost or unreturned keys. A service charge will be made if a room is left unclean or in disorder when vacated. Failure to check out officially when moving from the residence hall will result in a forfeiture of the room deposit.

Each student is expected to furnish one mattress pad, one pillow, bed linens and cover, towels, personal toilet items, and any desired decorative articles such as pictures and rugs. All residence halls have single beds.

### **Room Deposits and Room Reservations**

A housing agreement form must be completed in addition to application for admission. The Housing Agreement can be

made online or mailed to: Enrollment Services Box 16050, Abilene, Texas 79698, along with the Application for Admission and the Health Form. Rooms are assigned in the order that Housing Agreements are received once applicants are approved for admission. The University reserves the right to change specific room assignments when cancellations and space demand. **IN NO CASE SHOULD A ROOM ASSIGNMENT BE CONSIDERED APPROVAL FOR ADMISSION TO THE UNIVERSITY'S ACADEMIC PROGRAM.**

Non-resident students must be qualified for off-campus residence by filling out the Housing Agreement.

### **INTERNET ACCESS**

Wireless Internet access is provided in the residence halls, University Place Apartments, and the Wolf Complex via HSU's partnership with Apogee. This inclusive service provides 3Mbps download and 512 kbps upload connections to the Internet. Students may contract with Apogee for up to 10 Mbps download service for an additional fee. With access through HSU, you have agreed to abide by the Internet Code of Ethics. A copy is reprinted in this text.

### **Internet Code of Ethics**

All users with Internet access through Hardin-Simmons University must agree to observe and follow the policies listed below. **FAILURE TO FOLLOW THESE POLICIES COULD RESULT IN THE LOSS OF ACCESS PRIVILEGES WITH NO REFUND.**

The following guidelines and policies do not cover all possible situations or problems. They have, however, been developed in an attempt to prevent problems. To avoid any interruption of service and for the protection of yourself and HSU, please ask about any questionable situations, which are not covered by these guidelines and policies before acting.

Purpose: To enhance educational opportunities for HSU students, faculty, and staff through access to the Internet for educational purposes only.

**1. Access Codes/Passwords** - Access is based on a per user system, meaning that your password and access are for you only. Allowing others to use your access may result in the loss of access privileges.

**2. Posting Information/Messages on the Internet** - Your access may be revoked if you:

- a) Post any pornographic messages, images, etc. (it is a FEDERAL OFFENSE);
- b) Download or view any pornographic images, message, etc;
- c) Post or send threatening, harassing, sexually explicit, or intentionally embarrassing messages;
- d) Use E-mail for business purposes, i.e., "for profit" ventures;
- e) Use E-mail for purposes other than educational;
- f) Initiate or participate in spam, chain letters or pyramid schemes.

Certainly E-mail is one of the most attractive features of the Internet and we would like you to feel free to utilize it fully. Please exercise courtesy to others.

**3. Extended Sessions** - Avoid extended and/or lengthy sessions. Please exhibit courtesy in your use of Internet resources. While you are accorded continual access, please be aware that the system is based on the assumption that not all users maintain continuous access. If you are "hogging" Internet time (remaining logged on for lengthy periods of time), you may be asked to justify your uses, curtail your activity, or limit your activity.

**4. Ownership of E-Mail** - The University owns any messages sent or received through access provided by HSU. While mail sent via the U.S. Postal system is considered "private" and "confidential," the same is not currently true of E-mail. According to Federal law, if you post E-mail messages on a service provided by someone else, they can and do hold the right to monitor, inspect, alter, or otherwise control such messages. Please understand that it is not the intent of HSU to "snoop" in your E-mail messages, censor you, or resort to other repressive measures. Remember that HSU could be ultimately held responsible for the messages you may send or receive.

**5. Hacking or Interference With Other Computer Systems**

Automatic and immediate suspension of your access will occur if it is determined that you (or anyone using your access) have attempted or succeeded in changing other programs, have gained unauthorized access to other data or databases, have changed any information in any database or format for which you are not authorized (keep any written authorizations for your protection).

**6. Viruses** - Automatic and immediate suspension of your access will occur if it is determined that you (or anyone using your access) have attempted or succeeded in creating, participating, or intentionally promulgating any virus or other destructive or interfering programs, files or commands.

**7. Illegal Activity** - Use of access for any illegal activity may result in the loss of access and in criminal prosecution.

## FINANCIAL AID AND SCHOLARSHIPS

The University Student Financial Aid and Scholarship Program offers assistance to students demonstrating financial need and awards scholarships to students of high scholastic achievement.

Financial aid is allocated on the basis of scholastic merit and/or need in the form of grants, scholarships, work-study, and loans. Often aid is offered in all four forms; however, acceptance of loan and work-study offers is optional. The aid is administered on an individual basis according to the particular circumstances of the student and his/her family.

Financial assistance is awarded for one year at a time. Separate applications must be filed each year. Application materials are available in January for the coming academic year. The free application for Federal Student Aid (FAFSA) is the official application for financial aid at HSU.

Financial assistance is committed only to students who are tentatively or fully approved for admission or who are eligible returning students.

The University cooperates in making available funds provided by both the federal and state government to students for grants, employment, and loans. HSU must administer the federal and state programs within prescribed regulations. All government programs are dependent on funding by federal and state governments. Awards are subject to funding by legislation and are not binding on the University if such programs are not funded. All inquiries and requests for information should be directed to:

Office of Enrollment Services  
Box 16050

Abilene, Texas 79698-6050

or submitted via email to [financialaid@hsutx.edu](mailto:financialaid@hsutx.edu).

**Satisfactory Academic Progress** – To continue receiving financial assistance, a student must be making satisfactory progress toward a degree. Satisfactory Academic Progress is defined in both qualitative (GPA) and quantitative (credits

completed versus credits attempted) terms. GPA requirements are:

<u>Credits Attempted</u>	<u>GPA</u>	<u>Completion%</u>
12-32	1.60	75%
33-48	1.80	80%
49+	2.00	85%

Details of the University policy are available in the Office of Enrollment Services and in the on-line "My Financial Aid Guide." It is important that every student receiving any type of financial assistance (federal, state, or institutional) be aware of the Satisfactory Academic Progress requirements. The maximum time frame an undergraduate student can remain eligible for financial aid cannot exceed 150% of the published length of their program. For instance, if the published length of an academic program is 124 credit hours, the maximum time frame established by the school must not exceed 186 attempted credit hours (that is,  $124 \times 1.5 = 186$ ). The "150% Rule" also applies to individual courses. A student can only receive financial aid for repeat of the same course one (1) time for a maximum of two (2) attempts.

Evaluation for Financial Aid Standards of Progress will be measured on work completed only at HSU; however, certain programs may require inclusion of all college course work.

The Office of Enrollment Services will notify a student who ceases to meet minimum requirements for satisfactory progress. Students receiving veteran's benefits must meet additional standards and should see the section on Veterans Benefits.

### How Terminating Enrollment Affects Financial Aid

The primary responsibility for paying for a student's college education rests with the student and his/her family. Any financial aid obtained through the Office of Enrollment Services—federal, state, or institutional—is considered supplemental. When a student withdraws, is expelled, or ceases to be a student at HSU before the regular end of the academic session for which he/she received financial aid, there is sometimes a refund due, in accordance with the University's refund policy (see page 11). However, if the student has received financial aid for the semester during which he/she withdraws, Federal law and University policy dictate that calculated amounts be returned to the respective Financial Aid program(s). Early withdrawal may mean the loss of part or all of a student's institutional grants or scholarships and the loss of part or all of a student's federal or state aid. Policies and formulas for determining the amounts to be returned to the individual programs are available in the Office of Enrollment Services. Students must complete at least one semester hour per term with a passing grade to prevent the return of financial aid monies for that semester. For financial aid purposes, the Department of Education monitors class attendance. Non-attendance, failure to withdraw, and the subsequent result of all failing grades, will result in financial aid monies being returned. Also, a student receiving all failing grades in a term will be placed on Academic Suspension by the Registrar. Students on Academic Suspension are automatically placed on Financial Aid Suspension and ineligible for financial aid of any kind. Withdrawing from the university in multiple long semesters (fall, spring) will result in a review of satisfactory progress towards a degree. Students not demonstrating progress towards a degree are not eligible for financial aid.

### Verification

The Department of Education requires schools to have a printed deadline for verifications. All necessary documentation must be received by April 30, 2014, in order to be eligible to receive Federal aid in 2013-2014. In addition, any unsolicited documents received by HSU will be shredded.

### Pre-Registration



A pre-registered student wishing to cancel enrollment for a term must do so before the first day of class. After a term has begun, withdrawal from the University is required regardless if the student attended class. The withdrawal process calculates prorated refunds of charges and financial aid returns. Students who do not cancel prior to the first day of class may cancel/withdraw on the first day of class and receive a 100% refund with no financial aid awarded.

A student who withdraws on the 2<sup>nd</sup> day of class or later during the semester will be subject to the Refund and Return to Title IV policies. Although financial aid is awarded at the beginning of each semester, according to the Department of Education aid is EARNED one day at a time. When a student withdraws from the university, a return calculation must be performed to determine how much Title IV aid has been earned and how much must be returned. However, once a student reaches 60% completion of a semester, according to the Department of Education they have earned 100% and may keep all Title IV aid awarded for that semester.

### **GOVERNMENT AID PROGRAMS (FEDERAL AND STATE)**

(See the "My Financial Aid Guide" on the HSU Financial Aid Website for more detailed information.)

Federal Pell Grants

Federal Supplemental Educational Opportunity Grants

Texas Tuition Equalization Grants (Requires Texas Residency Affirmation form)

Vocational Rehabilitation Assistance

Federal Work Study

Texas College Work Study

Federal Direct Loans

Federal Parent Loans for Undergraduate Students (PLUS)

Federal PLUS Loan for Graduate Students

Federal Perkins Loans

Texas Be On Time Loan

Various Private Alternative Loans

### **VETERANS BENEFITS**

The coordination of benefits for veterans and/or dependents of veterans is the responsibility of the Office of the Registrar. Students qualifying for assistance must complete necessary documentation with the VA Office and provide certification to the Registrar's Office to receive funds. To receive benefits from the various programs, i.e. Chapters 30, 31, 33, 35, 1606, 1607, and Yellow Ribbon, students must be making satisfactory academic progress towards a degree. Any veteran on academic probation risks losing benefits. As of August 2009 veterans benefits no longer impact eligibility for Federal financial aid.

### **INSTITUTIONAL AID PROGRAMS**

HSU offers numerous grants and scholarships to eligible students from various resources. HSU academic scholarships include Trustees, Presidents, Deans, and University. HSU also offers a Church Match scholarship to students receiving scholarships from their home church.

#### **Scholarships Defined**

Scholarships are monetary considerations awarded on the basis of academic achievement with the intention of recognizing, encouraging, and assisting men and women who give exceptional promise of becoming leaders in their chosen fields. The generosity of HSU alumni and friends has ensured that current and future HSU students may receive assistance in financing their education. As a scholarship recipient, you may be asked to write a letter of appreciation to the donor of your specified scholarship(s). The Office of University Advancement will contact you after the semester commences should you be asked to provide a letter(s) of appreciation. Please understand that failure to respond to the request for a letter of appreciation may result in the cancellation of your scholarship(s).

#### **Grants Defined**

A grant is any financial assistance in which academic achievement is not the determining factor.

**General Regulations Governing Scholarships and Grants** - Scholarships and grants are subject to the following regulations:

1. All students are encouraged to notify the Office of Enrollment Services upon receipt or notification of an outside scholarship or departmental award. Additional funds received can and will affect the total financial aid package.
2. All HSU institutional scholarships or grants require at least a 2.0 cumulative grade point average (GPA) unless a higher GPA is stipulated. All GPA's are assessed at the end of the spring semester for first time freshman students and at the end of each semester for all other students.
3. The State TEG Grant Program requires a 2.50 cumulative GPA. In addition, an undergraduate student must complete 24 credit hours (18 credit hours for a graduate student) in an academic year to qualify for TEG the next academic year.
4. A student on second consecutive academic or financial aid suspension is not eligible to hold a university scholarship or university grant. This rule may not apply to certain scholarships awarded under a different set of regulations.
5. Scholarships and grants are awarded by the Office of Enrollment Services under the supervision of the Vice President of Enrollment Management. Enrollment Services reserves the right to cancel any scholarship or grant for reasons it considers justifiable.
6. Full-time HSU enrollment is required for most scholarships and grants. Some programs may be prorated for part-time enrollment.
7. All tuition-specific grants or scholarships apply to HSU tuition only. McMurry University, Abilene Christian University, and the Physical Therapy Program tuition charges are not covered. For a listing of those scholarships designated "tuition-specific," please contact the Office of Enrollment Services.

Students are considered for scholarships based on a combination of the following criteria: academic preparation and performance, standardized testing, co-curricular involvement, enrollment status, anticipated major, and financial need. Except where noted, no additional application is required; admissions and financial aid applications are used for scholarship evaluation. Requirements and/or evaluation criteria are subject to change. Awards funded by HSU are capped at tuition.

### **FRESHMEN AND TRANSFERS WITH LESS THAN 24 CREDITS**

**SCHOLARSHIP:** Trustee Scholar  
**AMOUNT:** \$14,000 per year  
**REQUIREMENTS:** Top 10% of high school class and 29+ ACT or 1930+ SAT

**SCHOLARSHIP:** Presidential Scholar  
**AMOUNT:** \$10,000 per year  
**REQUIREMENTS:** Top 25% of high school class and 28 ACT or 1790-1920 SAT

**SCHOLARSHIP:** Dean's Scholar  
**AMOUNT:** \$8,000 per year  
**REQUIREMENTS:** Top 50% of high school class and 25-26 ACT or 1680-1780 SAT

**SCHOLARSHIP:** University Scholar

**AMOUNT:** \$3,500 per year  
**REQUIREMENTS:** Top 50% of high school class  
 and 21-24 ACT or 1444-1670 SAT

\*Scores represent averages and are based on the new ACT & SAT, which involves writing. Awards are tuition-specific for a maximum of eight (8) long semesters. Full-time enrollment and a 2.0 GPA must be maintained.

#### TRANSFERS WITH MORE THAN 24 CREDITS

**SCHOLARSHIP:** Presidential Scholar  
**AMOUNT:** \$8,000 per year  
**REQUIREMENTS:** 3.50+ Transfer GPA

**SCHOLARSHIP:** Dean's Scholar  
**AMOUNT:** \$6,000 per year  
**REQUIREMENTS:** 3.00-3.49 Transfer GPA

**SCHOLARSHIP:** University Scholar  
**AMOUNT:** \$3,500 per year  
**REQUIREMENTS:** 2.50-2.99 Transfer GPA

\*Based on 24 transferable credits. Transfer students with less than 24 transferable credits will be evaluated under freshman admissions and scholarship guidelines. Awards are tuition-specific for a maximum of eight (8) long semesters. Full-time enrollment and a 2.0 GPA must be maintained.

#### ALL NEW STUDENTS

**SCHOLARSHIP:** Church Matching Grant  
**AMOUNT:** \$1 for \$1 match or \$1 for \$3 match for non-Baptist churches  
**REQUIREMENTS:** \$500 Maximum match per semester

#### Ministerial Grant

Designated for students that are planning on entering the ministry. Being a ministry/theology major is not required for this award. Students must complete an application through the Logsdon School of Theology and present a license, certificate of ordination, or letter of certification from a Baptist Church. The grant covers \$50 per semester credit for freshman and sophomores, \$75 per semester credit for juniors and seniors. Higher amounts are available to qualifying graduate students. The Ministerial Grant is tuition specific.

#### OTHER SCHOLARSHIP OPPORTUNITIES

##### Honors Program Scholarships

Students chosen for admission to the HSU Honors Program will be awarded an Honors Scholarship of \$3,000 each year in addition to any academic related scholarship mentioned above. Select students admitted to the Honors Program may apply for the Leland Honors Scholarship. This prestigious award is for 100% tuition and replaces all other tuition-specific, institutional scholarships previously awarded.

##### Endowed Scholarships

Numerous endowed and restricted scholarships are available through various HSU departments. Contact the department head of your major for details. Some department awards are not tuition specific. For more information visit [www.hsutx.edu/academics](http://www.hsutx.edu/academics).

##### Outside Scholarships

It is important for the student to pursue scholarships provided by local organizations and businesses. Check with your high school counselor to see what information they might have about outside scholarship opportunities.

##### Residence Approval

Unmarried undergraduate students taking more than six credits in a regular term must stay in residence halls as long as space is available. This stipulation applies unless the student turns 21 years of age during the time of that semester, or is two years post high school. A student may also be

exempt by living with their parents or guardian. The Office of Residence Life must approve all student residency exceptions. The Moody Center Office contains all information concerning available off-campus student housing and student apartments.

## STUDENT LIFE PROGRAMS AND POLICIES

The University expects each student to act in a mature manner and to exercise good citizenship and good judgment in conducting his/her personal life in both on and off campus environments and should realize that this University is a unique institution in terms of its traditions, policies, goals, and regulations. In becoming part of this institution, the student agrees to uphold these characteristics. While at Hardin-Simmons University, the student is expected to obey the laws of the United States and Texas, Abilene city ordinances, and the rules and regulations of the University. The student is responsible for being aware of University policies.

A copy of the HSU Student Handbook, containing various policies and procedures relating to the activities of the student, is made available on the web at [www.hsutx.edu](http://www.hsutx.edu).

#### Automobile Registration

The privilege of operating an automobile and of keeping it on campus is conditional upon proper registration on or before the fifth class day of each semester and upon observance of all traffic and parking regulations thereafter.

#### STUDENT SERVICES

Among the services available to students are student activities, library privileges, student publications, student health services, counseling and testing, and career services.

#### Health Services

The University maintains an outpatient clinic staffed by a registered nurse in Moody Center, Room 208. Free treatment at the clinic includes first aid, assessment and treatment of minor ailments and dispensing of non-prescription medications. The University does not supply prescription drugs or personal nursing care. Students requiring regular injections may receive them in the clinic with a physician's authorization and a signed release. There is a minimal syringe fee per semester. Students will be given assistance by the nurse in selecting a physician in Abilene and making appointments if they desire.

The staff of each residence hall and the HSU Police Department are supplied with emergency first aid kits, are certified in CPR and are available when the clinic is closed. Students desiring further medical services may go to the physician of their choice. Emergency treatment is also available at Hendrick Medical Center, two blocks from the campus. The University is not responsible for any medical bills.

#### Emergency Care

The University cannot assume responsibility for a student's medical care, but, in an emergency, reserves the right to seek medical attention for that student. In the event of serious illness, the University may require the removal of the student to a private hospital. An examination by a physician, which includes tests, to determine and certify the student's physical and mental condition and ability to continue to function in the University setting may be required at the discretion of the University. The expenses for such private medical or hospital care shall be borne by the student.

#### Immunizations and Health Form

The Health Form is to be completed and turned in with other registration forms. Health Forms are filed in the Student

Health Office. The Health Form includes record of the following immunizations:

A Tetanus Diphtheria or Tdap received within the last 10 years; 2 doses of MMR (Measles, Mumps, Rubella) vaccine for those born after 1-1-57 Polio series date of completion (for those under 19 years old). Varicella (or record of chickenpox); three Hepatitis B; two Hepatitis A; or three Hepatitis A/B combined. A Meningitis Vaccine is state required for new students under 30 years old to have been received within the 5 year period prior to the first class day and at least 10 days prior to the first class day. A Tuberculosis Risk Questionnaire is on the health form to be completed and followed accordingly. The student should take a TB test to be completed within 6 months prior to the first class day should any question by answered yes in the questionnaire.

### **Meningitis Vaccine**

A Meningitis vaccine is required for new students under 22 and must have received the meningitis vaccine 5 years preceding the first class day and at least 10 days prior to the first class day. In addition, HSU requires every new incoming student under 22 years old who intends to live on campus to have had the meningitis vaccine within the last 5 year period prior to the first class day and at least 10 days prior to the first day of moving on campus. Texas legislation mandates that every new student and new transfer under the age of 30 to any Texas university, regardless of living on campus or off campus, will be required to have a Meningitis Vaccination at least 10 days prior to the first class day. (A returning student following a break in enrollment of at least one fall or spring semester is also considered a new student.) Exceptions to this law would be:

1. The student is enrolled only in online or other distance education courses; or
2. The student is enrolled in a continuing education course or program that is less than 360 contact hours, or continuing education corporate training; or
3. The student is enrolled in a dual credit course which is taught at a public or private K-12 facility not located on a higher education institution campus; or
4. The student is incarcerated in a Texas prison.

A student is NOT required to submit evidence of receiving the Meningitis Vaccine if the student submits to HSU:

1. An affidavit or certificate signed by a physician who is duly registered and licensed to practice medicine in the U.S., stating that in the physician's opinion, the vaccine would be injurious to the health and well-being of the student; or
2. An affidavit signed by the student stating that the student declines the vaccine for reasons of conscience, including a religious belief.

Students NOT LIVING IN ON-CAMPUS HOUSING, who wish to file an affidavit, may use the official Texas Higher Education Coordinating Board's form that is accessible from the opening page of the website at [www.thecb.state.tx.us](http://www.thecb.state.tx.us). The student must print the form, have it notarized, and file it with the Hardin-Simmons University Nurse's office.

Students LIVING IN ON-CAMPUS HOUSING must use the official Texas Department of State Health Services (DSHS) form. It may be ordered electronically. The form is then mailed from DSHS to the student, and it may take up to two weeks to receive it. It must be completed, notarized and provided to Hardin-Simmons University Nurse's office. It is the student's responsibility to complete the DSHS form and have it notarized. Information about requesting the form is available at:

<http://www.dshs.state.tx.us/immunize/school/default.shtm#exclusions>

The latter exemption does not apply during a disaster or public health emergency, terrorist attack, hostile military or paramilitary action, or extraordinary law enforcement emergency declared by a Texas Department of State Health Services authority and is in effect for the location of the university the student attends. Texas law states that acceptable evidence of your Meningitis Vaccination must include:

1. Student's name and date of birth.
2. Month, day, year the vaccine was administered.
3. Signature or stamp of the physician or his/her designee, or public health personnel; OR
4. An official immunization record generated from a state or local health authority (as from the Texas Public Health Department); OR
5. An official record received from school officials, including a record from another state.
6. The student has to have received the vaccine or a booster during the 5-year period preceding the first day of class.

The vaccine can be obtained through the health department, some pharmacies, and perhaps some private physicians. If age 18 and under, the student may qualify for the vaccine free with Patty Hanks Shelton School of Nursing in Abilene. Call Alice Murphy at 325-671-2356 to inquire about qualifications. It is important you consult your physician regarding the need for the Meningitis Vaccine to prevent bacterial meningitis.

### **IMPORTANT INFORMATION ABOUT BACTERIAL MENINGITIS**

This information is being provided to all new college students in the state of Texas. Bacterial Meningitis is a serious, potentially deadly disease that can progress extremely fast-so take utmost caution. It is an inflammation of the membranes that surround the brain and spinal cord. The bacteria that causes meningitis can also infect the blood. This disease strikes 1,000 to 3,000 Americans each year, including 100-125 on college campuses, leading to 5-15 deaths among college students every year. There is a treatment, but those who survive may develop severe health problems or disabilities.

#### **WHAT ARE THE SYMPTOMS?**

- High fever
- Rash or purple patches on skin
- Light sensitivity
- Confusion and sleepiness
- Lethargy
- Severe headache
- Vomiting
- Stiff neck
- Nausea
- Seizures

There may be a rash of tiny, red-purple spots caused by bleeding under the skin. These can occur anywhere on the body. The more symptoms, the higher the risk, so when these symptoms appear seek immediate medical attention.

#### **HOW IS BACTERIAL MENINGITIS DIAGNOSED?**

- Diagnosis is made by a medical provider and is usually based on a combination of clinical symptoms and laboratory results from spinal fluid and blood tests.
- Early diagnosis and treatment can greatly improve the likelihood of recovery.

#### **HOW IS THE DISEASE TRANSMITTED?**

The disease is transmitted when people exchange saliva (such as by kissing, or by sharing drinking containers, utensils, cigarettes, toothbrushes, etc.) or come in contact with respiratory or throat secretions.

#### **HOW DO YOU INCREASE YOUR RISK OF GETTING BACTERIAL MENINGITIS?**

- Exposure to saliva by sharing cigarettes, water bottles, eating utensils, food, kissing, etc.
- Living in close conditions (such as sharing a room/suite in a dorm or group home).

#### **4 WHAT ARE THE POSSIBLE CONSEQUENCES OF THE DISEASE?**

- Death (in 8 to 24 hours from perfectly well to dead)
- Permanent brain damage
- Kidney failure
- Learning disability
- Hearing loss, blindness
- Limb damage (fingers, toes, arms, legs) that requires amputation
- Gangrene

- Coma
- Convulsions

#### CAN THE DISEASE BE TREATED?

- Antibiotic treatment, if received early, can save lives and chances of recovery are increased. However, permanent disability or death can still occur.
- Vaccinations are available and should be considered for those living in close quarters and college students 25 years old or younger.
- Vaccinations are effective against 4 of the 5 most common bacterial types that cause 70% of the disease in the U.S. (but does not protect against all types of meningitis).
- Vaccinations take 7- 10 days to become effective.
- The cost of vaccine varies, so check with your health care provider.
- Vaccination is very safe. Most common side effects are redness and minor pain at injection site for up to 2 days.
- Vaccination is available at the Taylor County Health Department located at 850 North 6th Street, Abilene, TX. Phone (325) 692-5600.

#### HOW CAN I FIND OUT MORE INFORMATION?

- Contact your own health care provider.
- Contact HSU Student Health Center at Moody Center Rm. 208. Ext. 1314
- Contact your local or regional Tex. Dept. of Health office. In Abilene contact the Taylor County Health Department at 850 North 6th Street. Phone (325) 692-5600.
- Visit: [www.cdc.gov/ncidod/dbmd/diseaseinfo](http://www.cdc.gov/ncidod/dbmd/diseaseinfo) or [www.acha.org](http://www.acha.org)

**International Students** - are required to have health insurance and will be required to enroll in the Hardin-Simmons insurance plan on a hard waiver basis. The plan will be charged to the student's HSU account.

**Student Insurance**- It is important for students to have their health insurance card to facilitate any need for medical attention. For domestic students who do not have insurance coverage and who wish it the HSU nurse has websites of different college insurances that can be requested from her. Note the above paragraph for international health insurance being required.

#### Military Coverage

Military coverage is limited to medical services performed at a military base hospital. The student must be at least 18 years of age to receive treatment at Dyess AFB Hospital, or the student must have a signed affidavit from his/her parents releasing responsibility. Non-emergency medical services rendered by a civilian doctor and/or hospital will not be covered unless the student has prior authorization from the military service.

#### Testing and Counseling Services

The University provides testing and counseling services for all students. Both individual and group counseling programs are available. The Director of Testing and Counseling coordinates these programs and is assisted by other faculty and staff who are professionally trained in the area of counseling. Students are encouraged to see a counselor for personal, social, academic, or other problems of concern to them. Testing is an integral part of the counseling program. Tests for intelligence, personality, vocational interests, and special skills are available to students who need or desire such information.

#### SPECIAL ACTIVITIES

No college or university is complete without the numerous special activities that provide for individual development physically, socially, and spiritually. Hardin-Simmons University offers students a wide variety of activities.

#### Athletics

State and national recognition has come to HSU because of her athletic teams. Intercollegiate athletics are sponsored in eight sports for men and eight for women. Men's sports include football, basketball, baseball, soccer, tennis, track, cross country, and golf; whereas sports for women include volleyball, basketball, softball, soccer, tennis, track, cross country and golf. All sports are non-scholarship and all students who wish to try out for any team are encouraged to do so.

#### Athletic Participation Requirements

All students who represent the University in athletics must be concurrently enrolled in at least 12 semester credits and making satisfactory progress toward graduation. They must have attained at least a 1.60 GPA if they have attempted 12-32 semester credits, a 1.80 GPA if they have attempted 33-48 semester credits, or a 2.00 GPA if they have attempted 49 or more semester credits.

In order for a student to continue to represent the University, a student must have completed twenty-one credits in the last academic year. The purpose of this policy is to ensure that athletes are also making satisfactory progress toward a degree. Credits that are taken during May Term, Summer I, and Summer II will be counted toward the calendar year. A list of all athletes is required to be turned into the Registrar's Office. The Registrar will approve all athletes for participation.

Student-athletes who qualify for championship-level play which conflicts with finals week should be given the option of taking their final exams either before or after completion of the athletic event. It is the student-athletes responsibility to notify their professors of the conflict, to work with their professors to schedule an alternate date for the exam, and to complete any necessary university-related paperwork prior to leaving for the athletic event.

#### Convocations

All students and academic personnel are expected to attend all official convocations of the University.

#### Intramurals

All students are encouraged to participate in the intramural program. There are a variety of both team and individual sports available throughout the school year. Students may participate as part of their club organization or enter a competition by organizing an independent team.

#### Sport Clubs

Sport Clubs are recognized student organizations that exist to promote and develop interests in a particular sport or physical activity. A club may be instructional, competitive, recreational, or may involve any combination of these. Sport Clubs are open to all students.

#### Fitness Center

The HSU Fitness Center, located on the second floor of the Mabee Athletic Complex is available to all HSU students. The Fitness Center includes a wide variety of cardiovascular machines as well as numerous weight machines.

#### Baptist Student Ministries

All activities and projects of a religious nature are coordinated through the Office of Student Ministries.

The Director of Student Ministries gives direction and coordination to the program of Student Ministries. A Baptist Student Ministry (BSM) Leadership Team is selected by a nominating committee. The Leadership Team promotes the student religious work of the campus. The program involves student affiliation with local churches, participation in mission work, extension services to churches, campus devotional services and personal witnessing

All students are encouraged to participate in the religious activities of the campus. Baptist Student Ministry activities are coordinated with the mutual objectives of Christian maturity and development of Christian ideals.

Affiliation and cooperation are maintained with the Center for Collegiate Ministry of the Baptist General Convention of Texas. Student representatives participate in denominational conventions, assemblies, and general meetings designed for Baptist Student Ministry.

#### **Speech Activities**

The HSU Student Communication Association, sponsored by the Department of Communication is open to all students. Awards for excellence in public speaking are given to students annually.

#### **Theatre Activities**

The Van Ellis Theatre provides for both the students and the community in its program of drama, including classic revivals, current success experimental productions, and original scripts. Any regularly enrolled student is encouraged to participate in theatre activities.

### **STUDENT ACTIVITIES**

The Student Activities Office hosts events designed to enhance campus life at HSU. There is always a good time to be had at Street Dances, Movie Nights, Smores, Cookouts, Game Nights, and MUCH more! Student Activities brings in musicians of all genres from across the U.S. to perform at Hardin-Simmons. The Student Activities Office located in the Student Organization Center (SOC) in the Basement of Moody Center. Three student committees are in place to help plan, organize, and execute all Student Activities. The Student Activities Minions is open to all students that are interested in volunteering to help with events. The Freshmen Activities Team works to plan a special event in the spring semester and is in place to help freshmen get involved with Student Activities. The Student Activities Board is the executive board and is a small group of student leaders that assist in the decision making and planning of all events. Student Activities would not be possible without the hard work and dedication of those student groups.

### **THE STUDENT ASSOCIATION**

The Student Association is organized to provide for and to maintain the general welfare of the student body and to further the growth and development of the University as expressed through the Student Congress, which includes representatives from each class elected by popular vote.

### **CLUBS AND ORGANIZATIONS**

Membership in over 50 clubs and organizations is available to students. These include departmental, honor, and service fraternities and societies and social groups.

#### **Alpha Epsilon Omega**

The purpose is to provide an information network and mutual support system among students who are considered "nontraditional."

**The Brand** is the HSU student newspaper and is published twice a month during the spring and fall semesters. The paper is open to all undergraduate, graduate and non-traditional students who enjoy writing or taking photographs. Meetings are 9 p.m. every Tuesday in Abilene Hall, room 306.

**International Student Fellowship** open to all international students, students who have lived overseas and those with international interest. The fellowship serves as a resource for incoming international students and helps educate the campus and community about foreign countries and cultures.

### **Departmental Clubs And Organizations**

#### **Association of Information Technology Professionals (AIPT)**

Students interested in computing can join the national AITP as student members through the parent professional chapter of Abilene. This organization hosts monthly student and professional meetings providing current computing information from local and global businesses. Scholarships are awarded annually, based on funding, to allow students to attend computing conferences and programming contests.

**The Computer Club** is open to majors and minors in computer science, formed for the purpose of promoting communication and understanding between individuals interested in working with computers. The club is locally organized and run by its student members. Membership in the above AITP student chapter is not required.

**AISNSA-Intercollegiate Student Nurse Association** aids in the maximum personal and professional development of those preparing to enter health care fields.

**American Chemical Society** is an organization dedicated to the scientific advancement of chemistry.

**Criminal Justice Association** is an organization that allows students to become actively involved with the many aspects of the law enforcement and corrections systems. Guest speakers, demonstrations, field trips, and participation in various service activities provide students with a greater understanding of the criminal justice system while promoting opportunities for professional networking within the community. Membership is open to criminal justice majors and minors.

**Geology Club** is a local organization to foster interest among students of geology, open to anyone on campus who is interested.

**Kappa Gamma Beta (KGB)** is a social fraternity open to all students majoring or minoring in Leadership.

**Mathematics Club** is open to majors and minors in mathematics. The organization assists the department in areas such as student recruitment.

**Moot Court Team** is open to any interested student. Participates in intramural and intercollegiate competitions simulating the type of argumentation which occurs at the appellate court level in American law.

#### **Music Educators National Conference, Student Chapter #61**

makes available to members opportunities for professional development, acquaints students with the privileges and responsibilities of the music education profession, provides for its members opportunities to become acquainted with leaders in the music education profession, assists the school in various projects throughout the year, and provides opportunity for contacts with MENC student members of other schools. Membership is open to any student interested in the teaching of music.

#### **National Student Nurses Association, Texas National Student Nurses Association, School of Nursing Chapter**

is the pre-professional complement to the American Nurses Association. Adjunct membership is open to pre-nursing students who have not been admitted to the School of Nursing. Full membership is open to nursing students admitted to any program in the School of Nursing.

#### **National Student Speech-Language-Hearing**

**Association, Hardin-Simmons University Chapter** is an organization dedicated to the advancement of the field of Communication Sciences and Disorders and audiology.



Membership is open to any student interested in normal and disordered human communication.

**Phi Sigma Rho** is open to all fitness and sports sciences majors and minors. Its purpose is to foster professional growth and fellowship.

**Pre-Physical Therapy Club** is organized to provide guidance, support, and education to all students who wish to pursue physical therapy or occupational therapy careers. Mechanisms of information sharing include student and professional presentations, product demonstrations and community tours.

**Social Work Club** Promotes social and community service activities for social work majors.

**Students in Free Enterprise** Team members conduct business-related campus and community educational projects. SIFE is open to all majors and does not require rush or dues. Members are able to interview with representatives from the 150-plus corporate sponsor organizations.

**Texas Student Education Association, Jefferson Davis Sandefer Chapter** is open only to students who are actively preparing to teach.

#### Ethnic Organizations

**Black Student Fellowship** Is open to all students to foster an understanding of Black culture.

**Collegiates for Racial Harmony** is open to anyone to facilitate better understanding between individuals of varied ethnic backgrounds.

#### Honor & Service Fraternities and Societies

Several organizations with local, state, and national affiliation are open to students at HSU, membership in which is earned by achievement or standing. A description of each follows:

**Alpha Chi** is a national scholarship society, encourages a high quality of scholarship. Membership is open to the upper ten per cent of the junior and senior classes.

**Alpha Kappa Psi, Eta Kappa Chapter** is a national honorary dramatics fraternity is open to qualified students and faculty.

**Alpha Mu Gamma, Gamma Zeta Chapter** is the national collegiate foreign language honor society. Students in French, German, Greek and Spanish with at least two A's and one B in one of the languages and an over-all grade point average of C are eligible.

**Alpha Phi Omega** is a national service fraternity associated with the Boy Scouts of America. Membership is open to all undergraduate, graduate and non-traditional college men and women who have 12 or more credits and a minimum grade point average of 2.00. The fraternity seeks to develop leadership, to promote friendship, to provide service, and to further the cause of freedom that is national, educational, and intellectual heritage.

**Alpha Psi Omega** is a national honorary dramatics fraternity is open to qualified students and faculty.

**Beta Beta Beta, Delta Psi Chapter** is a national biological honor society, requires 12 credits of biology, evidence of an interest in the subject, a biology grade point average of 3.00, and an overall grade point average of 2.75 for active membership. Associate membership is open to those with a biology grade point of 2.50 and an overall grade point of 2.25.

**Delta Mu Delta** is a national honor business fraternity, open to the upper 20 percent of junior and senior students.

**Epsilon Pi Alpha** is a service organization for women, with the goal of bringing Hardin-Simmons University coeds together in the spirit of service to humanity. Members engage in numerous service projects on and off the campus each year.

**Gamma Beta Phi** is a national honor society and service organization open to students within the top 20 percent of their class.

**Kappa Delta Pi, Xi Sigma Chapter** is a national honor society in education open to juniors, seniors, graduate students, and faculty in education. Membership is based on scholarship and high personal standards.

**Kappa Mu Epsilon, Texas Eta Chapter** is a national mathematics honor society open to qualified students who have completed at least three semesters of college coursework and three semesters of college mathematics including one semester of calculus. Members of the chapter are automatically members of the Mathematics Club.

**Kappa Pi, Beta Chi Chapter** is the national honorary art fraternity.

**Phi Alpha Theta** is an International History Honorary Society.

**Phi Epsilon Kappa-** is the national honorary fitness and sport sciences fraternity.

**Phi Mu Alpha-Sinfonia, Theta Lambda Chapter** is the national professional male music fraternity. Any second semester male freshman having a grade point average of 2.20 may pledge upon invitation.

**Pi Gamma Mu, Texas Theta Chapter** National social science fraternity is open to juniors, seniors, and graduates. Membership includes qualified students having 20 semester credits in one or more of the social sciences-economics, geography, history, political science, psychology, and sociology.

**Pi Kappa Delta, Texas Theata Chapter** is the national forensic fraternity.

**Pi Kappa Lambda**-is a national music honor society.

**Sigma Alpha Iota, Gamma Phi Chapter** is an international professional fraternity for women in music, organizes its activities around broad musical and cultural objectives which include: service to the local campus and community; promoting the cause of music, especially through emphasis upon contemporary music of the Americas; rehabilitation through music around the world; contributing to the stature of music as a profession; development of the potential for leadership of its members; strengthening the highest possible academic standards; and inculcating worthy ideals for living. Women music majors and minors who have completed at least one semester at the University and who qualify academically and musically are eligible for membership.

**Sigma Delta Pi, Beta Sigma Chapter** is a national Spanish honor society, requires 18 semester credits of Spanish with a B average and an overall grade point average of 3.00.

**Sigma Tau Delta, Xi Epsilon Chapter** is a national literary fraternity, is open to English and journalism majors and minors of junior or senior rank who have exceptional scholastic records.

**Speech Honor Society** requires at least nine semester credits in speech communication courses with a 3.75 grade point average and an overall grade point average of 3.00.

**Student Communication Association** is open to all students interested in the study of communication and practice of communication skills.

**Theta Alpha Kappa** is a national honor society for religious studies and theology.

#### Social Clubs

Social clubs promote leadership and character, sponsor service projects, emphasize social involvement and promote scholastic excellence. Close friendships are made among club members. The eight social clubs include four for women and five for men. Basic requirements for membership: an invitation from the club to pledge, completion of twelve semester credits, enrollment in at least twelve semester credits, a GPA of 2.00, and freedom from scholastic or disciplinary probation.

## ACADEMIC PROGRAMS AND POLICIES

### The Hardin-Simmons University Undergraduate Curriculum

Undergraduate curriculum at Hardin-Simmons University incorporates four elements designed to equip conscientious students to experience life to the fullest as educated adults. Providing carefully constructed academic stimuli, the **Foundational Curriculum** provides a basis in the arts and sciences for all bachelor's degrees awarded by the university. The **Major** requires focused and in-depth study in one area chosen by the student while the **Minor** intensifies the collegiate educational experience even further by concentration on the student's secondary choice of specialized study. In addition, **Elective** courses present students with opportunities to delve into areas outside the major and minor and expand their frame of reference for their efforts to interpret meaning within their lives. A fifth component, **The Capstone Experience** is a part of most majors at HSU and offers an overview of the knowledge expected of graduating students in a particular major as well as discussion of employment and graduate school opportunities.

### FOUNDATIONAL CURRICULUM

HSU's Foundational Curriculum seeks to develop the mind and nurture the spiritual life of students by establishing a core of knowledge meant to sharpen academic skills. Additionally, the Foundational Curriculum offers students the opportunity to extend experience in necessary post-bachelor's degree skills such as adjusting to differing roles, adapting to varying levels of responsibility, choosing and following productive career and life opportunities, and engaging in lifelong learning and personal growth. Rooted in the liberal arts and in HSU's commitment to prepare leaders for lives of service, the Foundational Curriculum actively involves students in intellectual life, both on the campus of HSU and in the larger communities of Abilene and the world.

As a result of HSU's faculty-developed and faculty-approved Foundational Curriculum, graduates are responsible for and are expected to achieve the following levels of aptitude:

#### COMPETENCY I:

Graduates are expected to write at a C+ level or higher.

#### COMPETENCY II:

Graduates should have basic analytical and quantitative skills necessary for handling information in mathematical form.

#### COMPETENCY III:

Graduates should be able to think critically and approach religious, philosophical, and aesthetic issues analytically.

#### COMPETENCY IV:

Graduates should be acquainted with ideas, information, and modes of inquiry to draw upon in multiple areas of their lives.

#### COMPETENCY V:

Graduates should be able to demonstrate recognition of relationships by applying knowledge, skills, or abilities learned in one discipline to another.

#### COMPETENCY VI:

Graduates should demonstrate appropriate psychomotor skills and apply wellness principles through participation in fitness, recreation, or sports activities.

### The Foundational Curriculum Courses

#### Skill-Focused Courses

A series of requirements to reinforce academic proficiencies that consists of courses specifically designed to emphasize writing, oral communication, and quantitative literacy. Note: Students may use external credit such as AP, CLEP, and transfer courses to meet the competency requirements.

#### Effective Communication (9 credits/ 3 courses)

- **Writing** - Freshman Writing I and II strengthen and sharpen skills in written communication, critical reading, and analyses, as well as rhetorical and bibliographic skills. **(6 credits / 2 courses)**
- **Speaking**: Freshman Communication focuses on developing effective oral communication skills. **(3 credits / 1 course)**

#### Quantitative Reasoning (3 credits/ 1 course)

Freshman-level Math explores mathematical models and principles, honing logical thinking. *Majors in the sciences, business, or mathematics should consult their academic area of the catalog for specific course requirements.* **(3 credits / 1 course)**

#### Discipline-Focused Courses

Designed to acquaint students with ideas, information, and modes of inquiry to draw upon in multiple areas of their lives; to perceive relationships between different fields of study; and to enhance abilities in reading, writing, mathematics, and information technology, these courses recognize parallels between and among disciplines and apply knowledge, skills, or abilities learned in one discipline to another. Courses include Fitness, Fine Arts, Literature, Biblical Studies, Humanities, Science, and the Social Sciences.

#### Fitness Education (3 credits/ 3 courses)

FSSC 1170 plus two additional one-credit activity courses teach skills necessary to promote good health throughout the student's entire life span.

#### Fine Arts and Literature (6 credits / 2 courses)

- **Visual Arts, Music, or Theatre**: A deeper appreciation for any of these three areas in the fine arts will enhance the student's efforts to interpret meaning in life, will enrich his or her aesthetic experiences, and will more clearly associate connections between historical events, cultural values, and creative expression. **(3 credits / 1 course)**
- **Literary Studies**: Sophomore literature students read a wide variety of materials within Western culture to further develop understanding of the aesthetic and cultural dimensions of the human experience. This course builds reading, thinking, and research skills in analyzing and evaluating literary works. **(3 credits / 1 course)**

#### Biblical Studies (6 credits / 2 courses)

Students examine the roots and principles of Christianity in order to probe the spiritual nature of being and understand the spiritual context in which we live.

### Humanities (3 credits/ 1 course)

*Note: the following is not meant as a definition of the discipline of Humanities but as a definition of HSU's expectations of those courses used to fulfill the Humanities requirement in HSU's Foundational Curriculum. Courses related to the Humanities which do not wish to be accepted for Foundational Humanities credit are not affected.*

Humanities in HSU's Foundational Curriculum require a three-credit course which "...explores issues of morality and value [and] provides a venue in which the expression of differing interpretations and experiences can be recognized and areas of common interest explored" (White\* 263).

Humanities courses in HSU's Foundational Curriculum encourage multi-disciplinary and / or multi-cultural approaches to the study of areas such as arts (music, drama / theater, visual arts [painting, sculpture, etc.]), literature, architecture, religion, philosophy, economics, and government. **No course taken for Humanities credit may be counted toward any other part of the Foundational Curriculum. (3 credits / 1 course)**

\*White, Lyn Maxwell. "The Humanities," in *Handbook of the Undergraduate Curriculum: A Comprehensive Guide to Purposes, Structures, Practices, and Change*. Eds. Jerry G. Gaff, James L. Ratcliff, et al. San Francisco: Jossey-Bass, 1997. 262-79.

### Courses Fulfilling Humanities Requirements for HSU Foundational Curriculum

ART 2306 Art History Survey I  
 ART 2307 Art History Survey II  
 ART 4306 History of Modern Art Until 1945  
 ART 4307 History of Art Since 1945  
 CHST 1311 Introduction to Christianity  
 COMM 3330 Survey of American Film  
 ECON 3338 History of Economic Thought  
 ENGL 2301 World Literature  
 FSSC 3305 History of Sport  
 GEOG 3301 Cultural Geography  
 HIST 2301 History of Western Civilizations to 1550  
 HIST 2302 History of Western Civilizations Since 1550  
 HIST 3306 Studies in World History  
 HIST 3307 World Cultural Realms (also GEOG 3301)  
 HIST 4369 The Social and Intellectual History of Modern Europe  
 HIST 4370 European Imperialism  
 HIST 4374 Modern Asia  
 HIST 4375 The Middle Ages  
 HONR 3301 Discourse in Aesthetics  
 HONR 3302 Discourse in Cultural Theory  
 HUMA 3099 Special Topic  
 HUMA 3301 Humanities I  
 HUMA 3302 Humanities II  
 HUMA 3330 Survey of American Film (also COMM 3330)  
 LDSP 3303 Great Leaders of History  
 LDSP 3307 Critical Thinking and Problem Solving  
 MISS 3305 Missions Anthropology  
 MUHL 3241, 3242 History of Music: for Music Majors only.  
 MUHL 3343 Understanding Music: Classical, Popular, World  
 MUHL 3344 The History of Jazz  
 PHIL 1310 Critical Thinking  
 PHIL 2335 Introduction to Ethics  
 PHIL 2350 Introduction to Philosophy: A Study of the Major Problems of Philosophical Thought in Both Eastern & Western Traditions  
 PHIL 3300 History of Ancient & Medieval Philosophy: The Search for the One (also THEO 3300)  
 PHIL 3310 History of Modern Philosophy: From the Renaissance & Reformation to Romanticism & Naturalism

PHIL 3315 Nineteenth Century & Contemporary Philosophy: From Romanticism & Naturalism to Post-Modernism  
 PHIL 3320 Logic  
 PHIL 3326 Existentialism  
 PHIL 3330 Ethical Theory  
 PHIL 4315 Contemporary Continental Philosophy, Critical Theory, and Postmodernism (also THEO 4315)  
 PHIL 4320 Philosophy of Religion (also THEO 4320)  
 PHIL 4350 Problems and Topics  
 PHIL 4360 Evil and Suffering (also THEO 4360)  
 PHIL 4361 Faith and Reason (also THEO 4361)  
 SOCI 4380 Sociological Theory  
 SPAN 4330 Hispanic Civilization  
 CSD 3360 History and Culture of Americans with Hearing Loss  
 THEA 4345 Theatre History: Greeks to the 18th Century  
 THEA 4346 Theatre History: 18th Century to the Present  
 THEO 3300 History of Ancient & Medieval Philosophy: The Search for the One (also PHIL 3300)  
 THEO 4315 Contemporary Continental Philosophy, Critical Theory, and Postmodernism (also PHIL 4315)  
 THEO 4320 Philosophy of Religion (also PHIL 4320)  
 THEO 4355 World Religions  
 THEO 4360 Evil and Suffering (also PHIL 4360)  
 THEO 4361 Faith and Reason (also PHIL 4361)

### Natural and Physical Sciences (7 credits / 2 courses)

One three-credit course and one four-credit (lab) course in any two fields from the Natural & Physical Sciences provide insights into the nature of life, into the universe, and into human relations to the earth, sources of significant concepts which have impacted other areas of human thought and endeavor. In addition, students experience using scientific technology to confront problems of global concern. *Majors in the sciences should consult their academic area of the catalog for specific course requirements.*

### Social and Behavioral Sciences (Usually 12-18 credits / 4-6 courses)

Analyzing human interaction, both historical and contemporary, individual and group, in diverse arenas is an essential dynamic in liberal arts education. The student chooses, **from at least two fields outside the major**, four or more courses (depending on degree) from the following areas, with two of these courses in the same area to reflect a year's study in that field.

- **Social Sciences**  
 Economics (Business majors require 2330, 2332, 2333)  
 History (Education requires 1301 and 1302)  
 Political Science (Education requires 1302 or 2301)  
 Sociology
- **Behavioral Sciences:**  
 Psychology (Education requires 3333)

### Technological Competency (3 credits/ 1 course)

In order for a student at HSU to be considered technologically competent, he or she must have familiarity with the basic terms, tools, and concepts of information technology and operating systems and have ability to use applications software such as internet browsers, word processing software, presentation software, spreadsheets, and other applications appropriate to the student's field of study. In many degrees, successfully completing CSC1 1303 will fulfill this requirement. Alternatively, students may use the departmental technological proficiency exam, offered by the Kelley College of Business, to show proficiency in this competency, although no course credit will awarded. Students still must complete a minimum of 124 hours.

**Exceptions** include teacher certification programs, which require EDUC 1306; the Department of Art, which requires ART 2321 for Graphic Arts majors; Communication which may use COMM 1310; Criminal Justice, which may substitute

CSCI 3332; all areas of Business, which require BSAD 3367; Computer Science non-business degrees, which require CSCI 1320; the Psychology major which requires PSYC 4335; Music degrees, which require MUTC 2338; most Science majors may use BIOL 2335; and Fitness and Sport Sciences major which requires FSSC 1301. Other exceptions may exist; consult specific program areas to determine the appropriate course in each major for meeting this competency.

**Chapel** all undergraduate students have the opportunity and are expected to attend chapel services in Behrens Auditorium. (Minimum requirement: 80 credits for 4-year degree.)

#### MAJOR

The Major intensifies the collegiate educational experience by concentrating on the student's choice of specialized study. Consult academic area of catalog for specific course requirements. **Minimum 30 credits**

#### MINOR

The Minor requires focused, in-depth study in an area secondary to the major and chosen by the student. Consult academic area of catalog for specific course requirements. **Minimum 18 credits.**

#### ELECTIVES

Electives present students with opportunities to delve into areas outside the major and minor in order to expand their frame of reference in their efforts to interpret meaning within their lives. **Elective credits vary according to degree.**  
**NOTE: Education Certification hours replace elective choices in the degrees of those students accepted into HSU's teacher preparation program.**

#### CAPSTONE

**The Capstone Experience**, part of most majors at HSU, provides an overview of the knowledge expected of graduating students in a particular major and may also address employment and graduate school opportunities. **(Usually one course, 1 - 3 credits.)**

#### INTERNATIONAL STUDIES PROGRAM

Recognizing the educational value of exposure to different cultures, HSU offers a variety of opportunities to enhance students' educational experience through reasonably priced study and travel in selected foreign countries. College credit may be earned in the following:

1. The *London Semester Program* provides an exciting opportunity for students to live and study in the heart of London, England. The program is operated in partnership with Louisiana College with both schools sending students and faculty for a thirteen week intensive study experience. Local British faculties participate to give students the benefit of native knowledge of life and culture in England. Participants and faculty live in a residence hotel for much of their time there, but also have the experience of living in British homes for four weeks of the semester. A two-week coach trip to northern Scotland, Wales, and the Lake District along with weekend side trips to locations, such as Canterbury and Stratford-Upon-Avon, round out the London Semester.

2. The *Salzburg College Program* allows students to study in Salzburg, Austria, under the instruction of European professors. While all instruction is in English, students must take a German-language course as part of their normal course load. This program especially appeals to business, social science, fine arts, and German language students although almost all majors can find suitable courses for their degree plans. Students live with Austrian families during their stay and have a two-week spring break to conduct personal travel. This program is open to HSU students during the spring semester and they must have a GPA of at least 2.70 to be admitted. Students will be given a letter grade.

3. The *Hong Kong Program* allows students to study for a semester at Hong Kong Baptist University. A full range of courses are offered in English that will accommodate most majors. Students live in an International Student House on campus and participate fully in the life of the campus. Hong Kong is centrally located in the Southeast Asian region that affords easy travel to central China, Thailand, Singapore and Japan.

4. *Spanish Study at the University of Salamanca* offers students the opportunity to study Spanish conversation and culture at the oldest university in Spain. Excursions are made to Madrid, Toledo, Segovia, and Sevilla.

5. The *Cambridge University Program* allows honors students to study for an entire year at the largest college in the Cambridge University system in Cambridge, England. Students join the University Student Union and have full access to all facilities of the University. The program is known as Junior Year Abroad (JYA) and this is only open to juniors. Students must meet all of the normal admission requirements of Cambridge University, which includes a minimum GPA of 3.50. The year consists of three terms with two-four week interim periods during which students are expected to travel on their own. Credit is by pass/fail only.

6. *The Macquarie University in Sydney, Australia, Program* offers students a study abroad opportunity that is exciting and unique. Students may attend Macquarie either for the fall term which begins in late February or the spring term which begins in late July. Students may receive up to 12 credits toward their HSU degree from a wide variety of study fields. While attending Macquarie, students live in apartments near or on campus and have ample time for travel that may include not only the continent of Australia but the countries of New Zealand and Indonesia as well. The cost of studying at Macquarie is surprisingly affordable and a wise choice as a study abroad location for any HSU student. Credit is by pass/fail only.

7. Additional travel courses are frequently conducted to European, Central and South American, and Asian countries. These are conducted by individual faculty members and change from year to year. Interested students should contact the International Studies Office early in the year to determine what courses are offered for any given year. Special Foreign Studies Scholarships are available for international studies upon receipt of an application for a program.

#### CREDIT BY EXAMINATION

Hardin-Simmons University recognizes that many students may have attained college-level competencies in specific areas through advanced high school courses or work-related experiences prior to entering college. Students are therefore encouraged to consult the following information to determine whether they may be granted college credit on the basis of their previous educational experiences.

#### General Regulations

There are five general regulations for earning credit by examination at Hardin-Simmons:

1. A student may earn a maximum of 42 semester credits through credit by examination with a maximum of 14 credits in any one major.

2. No grade will be awarded for credit earned by examination, and those credits will not be counted in computing a student's grade point average.

3. Credit earned by examination will be awarded and entered on the student's transcript only after the student is officially enrolled as a Hardin-Simmons University student.

4. Credit by examination may not be earned for (a) any **college level** course in which the student is currently, or ever has been enrolled, whether for credit, non-credit, or audit, (b) any subject area in which the student has already earned credit for a more advanced course, or any course for which the student does not meet the prerequisites by the time of submission of scores. In cases of doubt as to eligibility for credit by exam, the final decision will be made by the head of the department involved and the dean of the appropriate college or school.

5. It is the student's responsibility to have official test scores sent to the University Registrar to be considered for credit by examination. (Transfer students wishing credit for examinations taken prior to admission at Hardin-Simmons University must also have official test scores sent to the University Registrar.)

#### Departmental Examinations

Some departments whose courses are not adequately covered by either the Advanced Placement or College Level Examination Programs may participate in the program of credit by examination. Students may have the opportunity, to earn credit by departmental examination as well as through satisfactory scores on AP and CLEP examinations.

A student seeking credit by departmental examination should make written application through his/her advisor to the department involved at least one month before the examination. After consideration, the department will notify the student's advisor of the acceptance or rejection of the application. Within ten days of administration of the examination the department will certify to the Registrar either "credit" or "no credit."

The fee for a departmental examination for credit is indicated under Special Examination Fees on page 11. This fee is to be paid or charged to the student's account after the application has been approved and before the administration of the examination. The fee is not refundable.

Each participating department is free to determine the type of examination to be administered, whether standardized or prepared by the members of the department.

Academic areas participating in this program are biology, chemistry, computer science, finance, foreign languages, geology, mathematics, physics, and the various departments of the School of Music and of the Logsdon School of Theology.

#### Course Exemption by Examination

Occasionally a student may wish to begin work in a particular area with courses above the introductory level without receiving credit for the lower-level courses. A student seeking exemption from introductory-level courses should apply in writing to the department concerned prior to the registration period. The department will indicate the level at which the student will begin course work as determined by his/her previous experience and/or examination. Notice shall be given to the student's advisor and the Office of the Registrar for the courses waived in this manner. NO CREDIT is given for such exemption.

#### International Baccalaureate Program

The International Baccalaureate is offered to high quality programs of international education to a worldwide community of schools. To receive credit, the scores indicated below are required.

SL - Standard Level Exam  
HL - Higher Level Exam

#### Art History

3 credits  
score of 5 SL or 4 HL

#### Music Theory

4 credits (Harmony, Ear Training, Theory Keyboard)  
score of 5 SL or 4 HL

#### History

3 credits (American History)  
score of 5 HL

#### Psychology

3 credits (PSYC 1301)  
score of 5 HL

#### English

3 credits (ENGL 1301)

score of 5 HL

#### Spanish, French, German

4 credits (1401)  
score of 4 HL  
8 credits (1401 and 1402)  
score of 6 HL  
14 credits (1401, 1402, 2301, and 2302)  
score of 7 HL

#### Economics

3 credits (2330)  
score of 4-7 HL  
score of 5-7 SL

#### Computer Science

3 credits (1320)

score of 5-7 SL  
6 credits (1320 and 2320)

score of 5-7 HL

#### Advanced Placement Examination (AP)

A program of the College Entrance Examination Board, high school students who have completed college-level courses may earn college credit at Hardin-Simmons University by submitting scores of 3, 4, or 5 on the Advanced Placement Examinations (*unless higher score is specified below*).

#### Art

**Art History:** Art 2306

**Art:** Credit to be determined by the Art Department

**Studio Art/2D Design:** Credit to be determined by the Art Department

**Studio Art/3D Design:** Credit to be determined by the Art Department

#### Business

**Microeconomics:** Economics 2332

**Macroeconomics:** Economics 2333

#### English

**Composition and Language:** English 1301

**Literature and Composition:** English 1301 **OR**, in the event 1301 credit has already been received, English 1302

#### Foreign Language

**German Language** (not Literature):

German 1401 (*for a score of 3*)

German 1401 and 1402 (*for a score of 4*)

German 1401, 1402, and 2301 (*for a score of 5*)

Credit for German 2302 by Dept. Exam **ONLY**



**Spanish Language** (not Literature):  
 Spanish 1401 (for a score of 3)  
 Spanish 1401 and 1402 (for a score of 4)  
 Spanish 1401, 1402, and 2301 (for a score of 5)  
 Credit for Spanish 2302 by Dept. Exam **ONLY**

College German Level 1	GRMN 1401, 1402	50
College German Level 2	GRMN 2301, 2302	55
College Spanish Level 1	SPAN 1401, 1402	50
College Spanish Level 2	SPAN 2301, 2302	67

### Psychology

Psychology 1301 (for a score of 4)

(To be awarded credit for Level 2 of College Spanish, the student must demonstrate a writing proficiency by writing an acceptable essay and a speaking proficiency by adding an oral Spanish interview.)

### Science and Mathematics

**Biology:** Biology 1320, 1120, 1321, 1121  
 (score of 4 required)  
**Chemistry:** Chemistry 1310, 1110, 1311, 1111  
 (score of 4 required)  
**Environmental Science:** Environmental Science 1311  
 (score of 3 required)  
**Physics B:** Physics 1310, 1110, 1311, 1111  
 (score of 4 required)  
**Physics C:** Physics 1310, 1110, 1311, 1111, 1320,  
 1120, 1321, 1121 (score of 4 required)  
**Calculus AB:** Mathematics 1420  
**Calculus BC:** Mathematics 1420, 1421

### Science and Mathematics

General Biology	BIOL1320,1120,1321,1121	50
General Chemistry	CHEM 1310,1110,1311,1111	50
College Algebra	MATH 1310	50
Precalculus	MATH 1312	50

### Social Sciences

American Government	POLS 1302*	50
(*Not acceptable for persons seeking Texas Teacher Preparation.)		
History of US I: Early Colonization to 1877		
	HIST 1301	50
History of US II: 1895 to Present*		
	HIST 1302	50
Western Civilization I: Ancient to 1648		
	HIST 2301	50
Western Civilization II: 1648 to Present		
	HIST 2302	50
Educational Psychology	Elective	50
Introduction to Psychology	PYSC 1301	50
Introduction to Sociology	SOCI 1301	50

### Social Sciences

**American History:** History 1301, 1302  
 (score of 4 required)  
**Government & Politics/United States:** Political Science 1302 (score of 4 required)  
**Government & Politics/Comparative:** Political Science 2302 (score of 4 required)

### College Level Examination Program (CLEP)

The College Level Examination Program of the College Entrance Examination Board is designed to evaluate atypical educational experiences. The examinations are divided into the General Examinations (which cover material so broad in scope that they are not generally comparable to courses offered for majors or minors in an area) and the Subject Examinations. The scores indicated below are the mean scaled scores.

#### Subject Examinations

Students may earn credit through satisfactory scores (as recommended by the American Council on Education) on the Subject Examinations as indicated. (Note: Enrollment in the equivalent class prevents the student from attempting credit by examination in that class.)

No CLEP tests can be taken after the last date to register for a course during a student's last semester before graduation.

#### Name of Examination      Course Number      Score

#### Business

Financial Accounting	ACCT 231	65
Introductory Business Law	BSAD 3303	60
Principles of Management	MGMT 3351	63
Principles of Marketing	MKTG 3361	65
Principles of Macroeconomics	ECON 2333	62
Principles of Microeconomics	ECON 2332	64

#### English

*College Composition	ENGL 1301	50
*Analysis and Interp. of Lit.	ENGL 1302	50
*English Literature	ENGL 2302	50
*American Literature	ENGL 2303	50

\* English - All CLEP exams for English credit **MUST** include an essay component. Additionally, CLEP's College Composition Modular is not accepted at HSU.

#### Foreign Language

College French Level 1	FREN1401, 1402	50
College French Level 2	FREN 2301, 2302	65

### POLICIES

#### Classification

Classification of students is based upon progress toward meeting degree requirements as follows:

Credits Earned	Classification
0-29	Freshman
30-59	Sophomore
60-89	Junior
90 or above	Senior

#### Explanation of Course Numbers

The course level or class is indicated by the first digit in the course number: 0-non-degree credit; 1-freshman; 2-sophomore; 3-junior; 4-senior; 5 or 6-postgraduate or graduate. The second digit indicates the semester hour value of the course (except music, nursing, and special topics courses). The third and fourth digits indicate the departmental sequencing of the course and make it a unique number within the department or subject area.

Example: ENGL 1301

ENGL Departmental abbreviation  
 1 Course level  
 3 Semester Credits  
 01 Departmental Sequence

#### Freshmen are not allowed to enroll in upper-division courses except under special circumstances.

The semester hour is the unit of course credit at HSU. Ordinarily, a semester hour credit is based upon one 50-minute class period or two or more hours in the laboratory/studio per week throughout a semester. Accordingly, a course carrying a credit value of three semester hours would ordinarily meet for three 50-minute periods each week or in two sessions of one and one-quarter hours each. The number of semester, class, and laboratory/studio hours is indicated by the numbers in parentheses following the title of each course. The first number indicates semester hours, the second class hours, and the third lab/studio hours. For example, a 4-semester

ENG

hour course involving three hours of lecture, plus two hours of lab per week will show that information as (4-3-2). An X (4-3-X) in the lab space indicates a variable, optional, or field activity noted in the course description.

### **Credit Hour Policy and Procedure**

This policy is designed to assure consistency in awarding academic credit at Hardin-Simmons University in conformity with commonly accepted standards in higher education and in accordance with federal regulations. In the following definition, HSU utilizes the Carnegie Unit, a generally recognized measurement for awarding academic credit, as a means to express the institution's definition of a credit hour.

#### **Definition of credit hour**

Using the Carnegie Unit as a commonly accepted standard, Hardin-Simmons University defines a credit hour, recorded by the university as a semester hour, in terms of instructional time and associated class preparation. Each credit hour reflects one hour of instructional time per week for a total of 15 instructional hours per semester. Students are expected to devote a minimum of two hours outside of class in preparation for each instructional hour. Thus students are expected to spend a minimum of approximately 3 hours engaged in learning per week per semester for each credit hour.

The application of this definition of credit hour must be equivalent throughout the curriculum. Faculty are responsible for assuring that at least a reasonable approximation of a comparable amount of work consistent with this definition of credit hour is represented in all academic activities for which the university awards academic credit, including, but not limited to, distance education, blended courses, practica, internships, laboratory work, travel courses, and studio work. In establishing equivalency, faculty should consider course content, method of delivery, pedagogical methods, measurement of intended student learning outcomes, academic calendars, degree levels, and other factors to assure equivalency.

The university grants credit only for courses approved by the academic policies established by the university and taught by faculty approved by the university. The process for approving course credit involves individual faculty members developing a new course proposal which is then vetted by the department and the curriculum committee of the appropriate college or school. If approved, the course proposal is sent to the Academic Committee of the University for discussion and final approval. In some cases the protocol requires approval of the University faculty.

### **Course Listing**

Course listings in this catalog begin with a four-digit number as described in the preceding section. The departmental prefix plus this number constitutes the principle identifier of the course and must be accurately noted when registering. The number is followed by the course title indicating the topic of the course and by the parenthetical numbers indicating the hours of credit, of lecture and of lab, all of which are printed in bold face type. If the numbers in the parenthesis are followed by the symbol "[#]", the course is also listed in the Texas Common Course numbering system for easy cross-reference when transferring. This information is followed by a brief statement describing the content of the course. Note that this brief description is not comprehensive and that the full course content is contained in a syllabus obtainable from the department offering the course. The description may conclude with a prerequisite notice, indicating conditions which must be satisfied or other courses which must be completed prior to enrollment in the course. It may also be followed by an indication of when the student may expect the course to be offered. For example, a course normally offered each fall semester will have the word "Fall" printed at the end of the description. It is possible that such a course may occasionally be offered in the spring or summer, but the student should not

expect that to be the case and should plan to take the course during the fall semester.

### **Course Load**

The normal course load for an undergraduate student is 15-17 semester credits during a fall or spring semester. Any student, however, may register for an overload (more than 17 semester credits) if he/she falls into one of the following categories:

1. An entering freshman student graduating from an accredited high school who has an ACT composite score of 27 or above or who has a total SAT score of at least 1100 may enroll for a maximum of 18 semester credits.
2. A student who has completed at least 15 semester credits with a GPA of 3.00 or higher may enroll for a maximum of 18 semester credits.
3. A student who has completed at least 15 semester credits with a cumulative GPA of 3.50 or higher may enroll for a maximum of 20 semester credits.

All of the above provisions for permitting overload enrollment are contingent upon the approval of the student's advisor.

In order to be considered full-time, an undergraduate student must enroll in a minimum of 12 semester credits during a long semester and four semester credits during any summer term.

The maximum course load for a student enrolled in May Term is three credits.

A normal course load for a student enrolled in a five-week summer session is six semester credits. The maximum amount of credit a student may earn in a summer is 14 semester credits, not including credit earned during the May term. These 14 semester credits may be distributed over the two summer terms as deemed advisable by the student and approved by his/her advisor as long as the load for a single five-week summer term does not exceed a maximum of eight semester credits. This policy applies to both day and evening students and includes all course work, whether distance, or residence. It is strongly recommended that students who are working either full-time or part-time register only for the number of credits they can reasonably expect to complete successfully.

Exceptions to this policy on maximum student course load must have prior written approval of the dean of the appropriate school or the University Provost.

### **REGISTRATION**

#### **Advance Registration**

Students are strongly encouraged to advance register for classes during the Advance Registration period indicated in the Academic Calendar and Schedule of Classes. Students may make changes to their advance registration schedules with a Change of Schedule Form secured from the Office of the Registrar. This form must have proper signatures and be returned to the Office of the Registrar prior to Registration Day.

#### **Intercollege Enrollment**

A student enrolled at HSU may also enroll in courses at Abilene Christian University and/or McMurry University. Courses taken through Intercollege enrollment count toward degree requirements, provided approval has been secured in advance from the advisor, the Business Office, and the Office of the Registrar. Courses in a major, minor, or teaching field must also be approved by the appropriate department head or dean. Some programs are available only on an Intercollege basis.

The student should work closely with the advisor in selecting Intercollege work. Intercollege work is regarded as a special transfer category and treated in the same manner as HSU work with respect to the acceptance of credit and the calculation of grade point averages. See also the sections on Residence Work and on Post-Enrollment Transfer Credit in this Catalog.

### Schedule Changes

If it becomes necessary to make changes in the course of study after the registration has been completed, the student obtains from the Office of the Registrar a Change of Schedule Form. Necessary approvals must be secured and the form returned to the Office of the Registrar prior to the end of the registration period. (Check Academic Calendar for date.)

A student may drop a course within the first five weeks of a long semester or the first seven class days of a summer session with a "W" as the recorded grade. After this time, a student may officially drop a course for just cause with a recorded grade of "WP" (Withdrew passing) or "WF" (Withdrew failing) according to an estimate of the instructor in the course.

**Note:** No classes may be dropped after the last date for withdrawal specified in the academic calendar.

Students may not change from credit to audit or non-credit (or visa-versa) after the last date to register.

A fee is charged for any student-initiated drop after registration.

### Pass/Fail Grades

Hardin-Simmons University students may take a maximum of six (6) credits on a pass/fail basis. This option allows junior and senior students to explore fields of study outside of their chosen majors and/or minors without the fear of competition with students who have more extensive training in those fields.

If a grade of "C" or better is earned, then the student will receive a "P" (passing grade) which will not affect the grade point average in any manner. A grade earned below a "C" will result in the student receiving an "F", which will be calculated in the student's GPA as any other failing grade. Repeating a pass/fail course must be for a grade with that grade being the official grade for the student's GPA.

Eligibility regulations include:

Students must have completed at least 60 credits with at least a 2.50 GPA;

Pass/fail courses may not be counted for a student's major, minor, or HSU foundational curriculum;

A maximum of six credits may be taken with the pass/fail option;

Pass/fail registration may not be changed after the sixth class day;

Applies only to regular HSU on-campus courses.

### Auditing of Academic Work

An auditor is an observer, not a participant, and is entitled to sit in a class and benefit from the instruction, which is offered, but not to participate in laboratory, field work, performances, and similar activities. An auditor is not entitled to have work evaluated by the instructor and receives no credit for enrollment as an auditor. Individuals who wish to participate fully and engage in all instructional activities must register for credit and pay full tuition. Permission to register as an auditor may be granted by the department head for appropriate courses when space is available. Auditors are not entitled to university library privileges or other activities normally funded through student fees and may not audit courses requiring laboratory credit without express consent of the instructor. Form to request to audit a course is in the Registrar's office.

### Withdrawal During a Semester

A student who finds it necessary to withdraw from the University before the end of the semester must secure the proper form for withdrawal through the Office of the Registrar. The form requires approval by the Business and Financial Aid Offices. If procedure is not followed, the student is automatically assigned a grade of F in all courses. However, no student may withdraw after the last date for withdrawal specified in the academic calendar.

### Academic Advising

A student entering HSU for the first time is assigned to an academic advisor in the field of his/her interest who is a member of the University faculty/staff. Advisors give the beginning student proper orientation to college work and continue to serve as guides and consultants. Since a good beginning will minimize subsequent difficulties, the student is given assistance in planning a course of study. Counseling is always available as needed. All students are required to confer with their academic advisor and plan an approved schedule before registration.

### Advising Center

Students who are undeclared majors are academically counseled and mentored through the McIntyre Academic Foundation Advising Center. The staff utilizes advising strategies to identify an appropriate academic path in relation to each student's personal goals and interests. The Center works closely with various other offices on campus such as Career Services in an effort to facilitate a positive and productive academic experience for the students being served. The Advising Center is located on the second floor of Moody Center.

### Post-Enrollment Transfer Credit

An HSU student who wishes to receive credit for courses taken Intercollege or during the summer term at another college or university must obtain written permission documented by the submission of an Application for Acceptance of Non-Residence Work Form supplied by the Office of the Registrar. **Transfer courses (except Intercollege) with a grade lower than C do not transfer. HSU does not accept courses repeated at other institutions if the course was taken previously at HSU and a grade is recorded.**

### Concurrent Enrollment

Concurrent enrollment is not permitted except as provided for below:

1. An HSU student who must take a specific course in a given semester, but who, due to unavoidable conflicts or other circumstances making it impossible for the student to enroll, cannot do so at HSU, may enroll for that course concurrently at Abilene Christian University or McMurry University. Work taken by an HSU student at these Intercollege institutions is treated in the same manner as HSU work with respect to acceptance of credit and the calculation of grade point averages. Only if it is not possible for the student to enroll for the course at one of the Intercollege institutions may the student be approved to enroll for the course concurrently at a non-Intercollege institution, in which case the grade received will not affect the student's grade point average at HSU, and the student must make a grade of C or better in order for the course to transfer to HSU. Students seeking approval to enroll concurrently at a junior college should be aware that **no work will be transferred from a junior college after the student has completed a total of 66 semester credits, regardless of where those 66 credits have been earned.**

2. Students enrolled at other institutions may be permitted to enroll concurrently at HSU for courses not in the catalog of the student's home institution.

### ACADEMIC STANDARDS

#### Class Attendance

Students, whether present or absent, are responsible for all material presented in or assigned for courses, and will be held accountable for such material in the determination of course grades. **Absences for athletic or school-related participation are counted as any other absence, and all absence, whether athletic-related or not, should NOT exceed 25 percent of the class meetings and/or laboratory sessions scheduled for a course.** Regular and punctual attendance, therefore, is expected and essential to success in a course. Accordingly, **absence from more than 25 percent of class meetings and/or laboratory sessions scheduled for a course (including absences because of athletic participation) is regarded as excessive, and a grade of F may be assigned as deemed appropriate by the professor.**

Students may be required to make up any class work and/or assignments missed due to absence. Since absences are counted from the first class session, students entering class late will already have missed class work, which must be made up just as any other type of absence. Any student whose absence was caused by (1) personal illness, (2) a death in the family, or (3) authorized participation in official school functions will be given an opportunity to rectify, in a manner acceptable to the professor, any deficiencies which may have resulted from such absence. The professor has the prerogative of determining whether or not a student may rectify deficiencies occasioned by absences for other reasons. It is the student's responsibility to inform the professor of the reason for an absence and to do so in a timely fashion if the student wishes to claim the benefits stated in this paragraph.

#### Grades and Quality of Work

A college grade indicates the level of knowledge, understanding, and competence attained by a student relative to the objectives and subject matter of a course as determined by the professor's evaluation of the student's performance during the semester. A grade is assigned for each course in which a student is enrolled, and that grade is entered on the student's permanent record.

The following grades are assigned as appropriate:

**A Superior**

**B Good** (Above average).

**C Average**

**D Poor** (Below average, passing)

**S Satisfactory**, given only in a few courses such as practicums, internships, or other special courses offered on a pass-fail basis. (Does not affect the student's GPA)

**U Unsatisfactory** Given only in a few courses such as practicums, internships, or other special courses offered on a pass-fail basis. (No credit points; has the effect of an 'F' on the student's GPA.)

**I Incomplete** Given to a student who has substantially completed the course but whom, at the end of the semester and due to circumstances beyond his/her control, lacks certain essentials of performance. A grade of 'I' is not counted as an attempt in calculating the student's grade point average. However, if the course is not completed by the deadline specified by the professor giving the 'I' the grade will be changed to an 'F' which becomes the permanent grade. The deadline specified by the professor can be no later than the last day of the following long semester after the semester in which the 'I' was awarded.

**IP In Progress** Available only when, by design, **course work extends beyond the semester or term in which the course is scheduled.** This grade implies satisfactory progress and is used primarily in internship, travel, individual research, and thesis courses. A grade of 'IP' is not counted as an attempt in calculating the student's grade point average. The student is given a full year from the end of the term in which the grade of IP was assigned to complete the course or the grade will be changed to an 'F'. In addition, no student may graduate with a grade of 'IP' still active.

**F Failure** No credit given.

**W Withdrawn** \*See note.

**W Withdrawn Passing** \*See note.

**WF Withdrawn Failing** \*See note.

**CR Credit** (Does not affect the student's GPA.)

**NC No Credit** (Does not affect the student's GPA.)

**AU Audit** Indicates a course for which the student enrolled but did not seek credit.

**P/F Pass/Fail**

\*NOTE: A student who officially withdraws from a course will receive a grade of W if the withdrawal occurs early in the semester, prior to the date specified in the calendar. A student who withdraws after the last date for a W will receive a grade of WP if judged by the professor to be passing or a WF if judged by the professor to be failing. No student may withdraw after the last date for withdrawal indicated in the academic calendar.

**It is the responsibility of a candidate for graduation to see that all incomplete courses have been completed. Grades must be reported to the Registrar's Office two weeks prior to the end of the semester of graduation.**

Grade reports are posted on HSU Central at the close of each semester and at the end of each summer term.

#### Statute of Limitations on Changes in an Academic Record

The statute of limitations for any change in an academic record is one year from the date of the closing of the semester in question. Included are such items as grade changes and incompletes.

#### Calculation of Grade Point Average

Grade points are earned in courses in which grades of A, B, C, or D are awarded. To determine the grade point average, total all of the grade points from all courses in which any of the following grades are given and divide the total by the number of semester credits represented by those courses.

##### Grade Grade points per semester hour

A	4.0
B	3.0
C	2.0
D	1.0
WF	0.
F	0.
U	0.

#### Repeat Courses

When courses are repeated, only the most recent grade will be used to calculate grade points and semester credits. HSU does not accept courses repeated at other institutions if the course was taken originally at HSU and a grade is recorded.

#### Mid-term Grade Policy

Mid-term grades will be reported during the first two semesters of attendance at Hardin-Simmons for all first-time freshmen and new transfer students with less than 60 credits. Progress will be reported with letter grades to show the status of the student at that time. Mid-term grades reports are available in HSU Central.

#### Grievance Policy for Students Protesting Grades

A student who feels that the grading policy for a class has been unfairly administered and the result is a course grade lower than that deserved, has the right to appeal the professor's decision on the grade. This process is for appealing a course grade only; grades on individual projects or tests are not in the purview of this policy. The grievance policy requires the following steps, each of which must be taken in order. Failure to follow the procedure may obviate the appeal.

1. The student discusses the matter with the professor. If possible, the matter is reconciled at this point.

2. If dissatisfied with this discussion, the student voices the concern to the Department Head in a conference scheduled by the student. The Department Head discusses the matter with the professor. Another attempt is made to reconcile the matter. If the professor is the Department Head, the student skips Step 2.

3. If no resolution occurs at the department level, the student submits a formal, written appeal to the Dean of the area. The Department Head forwards a recommendation on the matter to the Dean upon notification that the student has filed a grievance. Included in the appeal must be at least the following:

- a) A cover letter requesting reconsideration of the grade.
- b) A straightforward narrative (1-3 pages) detailing the circumstance surrounding the contested grade with special emphasis given to reasons why the student believes the grade is unwarranted.
- c) All grade projects in the class--tests, essays, projects, etc.--that are in the student's possession.
- d) The student's personal record of attendance in the class.

4. In writing, the Dean apprises the professor of the student's grievance and gives a summary of the points of concern.

5. The professor submits a written response to the student's protest, the student's projects in the professor's possession, grade on all work done in the course, the student's attendance record in the class as recorded in the grade book and a copy of the class syllabus with the contested policy clearly marked.

6. The Dean will meet with each party separately and may or may not schedule a joint appointment with the two parties in order to attempt a solution.

7. If no solution can be worked out by the Dean, the matter goes to arbitration by a committee appointed by the Committee on Committees for this purpose. The Dean submits to the committee all materials involved up to this point and a recommendation for a final solution.

#### **Academic Integrity Policy**

Students are expected to do their own academic work; therefore, academic dishonesty will not be tolerated. Faculty and students are encouraged to take an aggressive approach to combating acts of inappropriate academic behavior. Academic dishonesty occurs when a student submits the work of someone else as his/her own or has special information for use in an evaluation activity that is not available to other students in the same activity. *Students who observe or become aware of violations of academic integrity are urged to report these violations to the professor in whose course the dishonest acts occur.*

Examples include but may not be limited to the following:

1. Cheating on an examination:
  - a) Copying from another student's examination.
  - b) Possessing or using during an examination material not authorized by the person giving the exam.
  - c) Collaborating with or seeking aid from another student during an exam without permission from the instructor.
  - d) Knowingly using, buying, selling, stealing, transporting, or soliciting in whole or in part the contents of an unadministered examination.

- e) Substituting for another student or permitting another student to substitute for one's self to take a test.
- f) Obtaining an unadministered test or information about an unadministered test.

2. Plagiarism is the appropriation, buying, receiving as a gift, or obtaining by any means another person's work and the unacknowledged submission or incorporation of it as one's own work. This could include the failure to specifically cite sources.

#### **Penalties**

Penalties may range from dismissal from the University to a lesser penalty. *If the penalty is an F for the course in which the violation occurred, the F will count in the computation of the student's GPA even if the course is repeated.*

No student who has violated the Academic Integrity Policy will be allowed to graduate from Hardin-Simmons University with honors.

#### **Procedure for Violation**

1. At the point of discovery, the instructor shall inform the student of the alleged violation of academic integrity and hear his/her explanation of the circumstances. If the instructor determines there is no violation, the case is dropped. If the instructor decides the violation is unintentional or minor, then the instructor may decide to require the student to rewrite the paper in question, take a modified exam, or take some similar action. If, in the judgment of the instructor, the alleged violation is deemed to be serious and intentional, the instructor will follow the procedure outlined below in steps 2-5.

2. Before imposing a penalty for a violation, the instructor shall consult with his/her immediate supervisor and together they will agree on a penalty. The instructor shall then make a written report outlining the incident and the recommended penalty. A copy of this report shall be given to the supervisor, the head of the department and the dean of the school or college in which the course is offered, the Office for Academic Affairs, the student, and the student's advisor. The instructor shall inform the student, in writing, of the right to appeal the charge of violating academic integrity.

3. From the point of discovery, and within ten (10) working days, the instructor shall complete the process outlined above.

4. The Office for Academic Affairs shall maintain files of all violations of academic integrity.

5. The student has the right to appeal the charge of violating academic integrity and/or the penalty assessed in accordance with the following appeals process.

#### **Procedure for Appeal**

1. A student appealing a charge of academic integrity violation and/or a penalty must deliver a letter to the chair of the Grade Appeal and Academic Misconduct Committee, specifying the basis for the appeal, within ten (10) working days after receiving the instructor's written report.

2. The chair of the committee will schedule a meeting of the committee as soon as practical after receipt of the letter of appeal, preferably within ten (10) working days. The chair will notify the student and the instructor of the meeting date and time.

3. Copies of the instructor's report and the student's letter of appeal will be provided to all members of the committee at least two (2) working days before the day of the meeting.

4. The committee will review the materials submitted by both the student and the instructor before the formal meeting and convene at a time convenient for all involved for the purpose of hearing the two individuals present their cases. The committee will then convene in an executive session to reach a decision in the matter. The chair of the committee will inform, in writing, the student, the student's advisor, the instructor, the instructor's immediate supervisor, the head of the department and the dean of the school or college in which the course is offered, and the Office for Academic Affairs of the decision.

5. If the appeal is denied, then the charge and the penalty are upheld. If an appeal of a charge of violating academic integrity is upheld, the case is dismissed. If an appeal of a penalty is upheld, then the committee will determine an appropriate penalty.

The ruling of the committee is final. Action or failure to take action, by an instructor or the Appeals Committee does not preclude disciplinary action by the university when appropriate.

#### **Academic Forgiveness Opportunity for Returning Students**

A former HSU student who has not been enrolled in any college or university during the past five years and who wishes to resume university studies at HSU without the current grade point average being affected by a poor record in the past may, at the time of readmission, petition the university for "academic forgiveness." Should the petition be granted, the student's transcript will be so noted and the previous HSU work will be treated as though it has been taken at another university and subject to the policies governing transfer of credit to HSU. The result is that, although all HSU courses will continue to appear on the HSU transcript, credit will no longer be recognized for prior HSU courses with a grade lower than C, except that the applicant's petition may incorporate a request to include no more than two courses with grades of D, providing the resulting overall "transfer" GPA is 2.00 or higher. Accordingly, only HSU courses (and approved Intercollege work) taken subsequent to the student's readmission to HSU, will be used in calculating the grade point average for purposes of graduation, honors, and general academic standing.

Students who fail all courses after being given Academic Forgiveness will automatically be suspended and not allowed to return to HSU.

#### **Evaluation of Academic Standing**

Each student's transcript will be evaluated at the end of the fall, spring and summer semesters. Because all students are expected to maintain an overall grade point average of at least 2.00, which is a requirement for graduation, any student whose overall grade point average is less than 2.00 will be placed in one of the following categories:

#### **Academic Supervision**

Students whose grade point average, while below 2.00, is not so low as to place them on probation (see standards outlined below), are regarded as continuing their studies under academic supervision. Students on academic supervision are expected to seek appropriate assistance and to make a concerted effort to raise their level of academic performance.

#### **Academic Probation**

Students who's overall GPA is less than the appropriate levels indicated are placed on academic probation.

<b>Semester Credits Attempted at HSU</b>	<b>Required G.P.A.</b>
12-32	1.60
33-48	1.80
49 or more	2.00

Students on academic and/or disciplinary probation are subject to the following policy limiting their extracurricular activities.

1. No participant in any class for which he/she is registered for credit shall be prohibited from taking field trips.

2. A student on probation may participate in tours and other such activities if credit for the course is dependent on participation in that activity. The student must receive prior written approval from all other instructors.

3. A student on probation may not represent the University in activities for which he/she is not registered for credit. This includes, but is not limited to, such activities as intercollegiate contests, off-campus religious programs, student publications, music productions, drama productions, pledging, or active membership in social clubs. Official representation of HSU is defined as participation in any activity under the name of the University, under the direction, supervision or sponsorship of any University area. It is not necessary that an administrator, faculty, or staff member be present during the activity for it to be official for the purposes of this definition or for implementation of this policy. Authorized use of a University vehicle automatically makes the activity an official one.

One significant purpose of this policy is to protect the study time of the student on probation and to control absenteeism from regular class work. The policy shall apply within a term during which the probationary student is enrolled.

#### **Satisfactory Academic Progress**

In order for a student to continue to represent the University in any of the above-mentioned activities, a student must have completed twenty-one credits in the last academic year. The purpose of this policy is to ensure that all students involved in school activities are also making satisfactory progress toward a degree. Credits that are taken during May Term, Summer I and Summer II will be counted toward the calendar year. All directors or sponsors of extracurricular activities will be required to turn in a list of all students who desire to participate to the Registrar's Office. The Registrar will approve all students for participation.

#### **Academic Suspension**

Students failing all courses any semester with 12 or more credits (6 or more credits for May Term, Summer I and Summer II collectively) will be suspended immediately (no probation period). Students will have a chance to appeal to the Suspension Appeals Committee if they choose to do so.

Any student on academic probation whose cumulative grade point average falls below the appropriate level indicated below will be placed on academic suspension for the following long semester:

<b>Semester Credits Attempted at HSU</b>	<b>Required G.P.A.</b>
12-32	1.40
33-48	1.60
49 or more	1.80

No students under suspension may represent the University at any time.

A student notified of academic suspension who has earned a grade point average of 2.50 or better in his/her last twelve semester credits of work attempted may apply to the Vice President of Academic Affairs for an extension of probation in lieu of suspension.

Work completed by students while on academic suspension is not transferable to Hardin-Simmons University. A student

on first suspension may be readmitted to the University at the conclusion of the suspension period, which terminates at the end of the first long semester. A student on second suspension who wishes to be readmitted to the University must make formal application to the University Registrar. Accordingly, the suspension period for such a student (which must include at least one long semester) is effectively extended until a favorable decision is rendered by the Appeal's Committee. In no instance is a student to assume that readmission is automatic after having been placed on suspension a second time for failure to meet minimum academic standards. A third suspension is final, and a student placed on academic suspension for a third time will not be readmitted to the University.

Withdrawing from the university in consecutive long semesters (fall, spring) will result in a review of satisfactory progress towards a degree. According to federal and university guidelines, students not demonstrating progress towards a degree are not eligible for financial aid.

### Progress Reports

Mid-term grades will be reported during the first two semesters of attendance at Hardin-Simmons for all first-time freshmen and new transfer students with less than 60 credits. Progress will be reported with letter grades to show the status of the student at that time.

### Special Recognition

Special recognition is given for academic excellence as follows:

**The President's List** is composed of students completing 12 or more semester credits who have grades of A on all courses for the semester.

**The Dean's List** is composed of students completing 12 or more semester credits who have a grade point average of 3.75 to 3.99 for the semester.

**The Honor Roll** is composed of students completing 12 or more semester credits who have a grade point average of 3.60 to 3.74 for the semester.

**The Honorable Mention Roll** is composed of students completing from 6 to 11 semester credits that earn a grade point average of 3.60 or better for the semester.

## ACADEMIC SERVICES

### Tutorial Program

Tutorial service is available to all students seeking assistance with foundational curriculum classes. It is a free service through which students receive peer tutoring. For more information, please contact the Academic Advising Center at 670-1480.

### Students With Disabilities

Hardin-Simmons University complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 regarding students with disabilities. Eligible students seeking accommodations should contact the Coordinator as soon as possible in the academic term (preferably during the first two weeks of a long semester) for which they are seeking accommodations. The Coordinator shall prepare letters to appropriate faculty members concerning specific, reasonable academic adjustments for the student. The student is responsible for delivering accommodation letters and conferring with faculty members. The Coordinator shall consult with the student and with HSU faculty and staff to ensure delivery of appropriate support services and shall serve as liaison between the student and the faculty member as needed.

### Career Services

The University provides a variety of career development services for current students and alumni. These services include access to off-campus listings for full-time and part-time jobs and internships, evaluation of employment documents such as resumes and cover letters, assistance with developing interviewing skills, access to career fairs and other career-related events and workshops, and guidance in graduate school planning. Individual career counseling and interest inventories are also available for those who need guidance in choosing a career or who desire to make a career change. In addition, Career Services helps to facilitate employer contact with students and faculty through job fairs, on-campus interviews and other career-related events. A computer lab and additional resources are available on the second floor of the Moody Center. The Career Services staff aims to help students identify realistic career choices and develop relevant job search skills that will contribute to their success beyond HSU.

For information about the work study program and on-campus jobs, please contact the Office of Financial Aid.

### Release of Information and Student Privacy

Directory listings are information, which are customarily made public without the written consent of the student. A student may request that the University not disclose directory information by making written notice to the Student Life Office on or before the last official day to register for the fall semester. Refer to the HSU Student Handbook for more details.

The student will be required to submit written signed consent authorizing the University to release educational records to individuals (including parents) other than official agencies. Refer to the HSU Student Handbook for this list of agencies.

## GRADUATION REQUIREMENTS

**All degree requirements must be complete or in progress in the semester of graduation.**

### Application for Graduation

The deadline for filing Diploma Cards in the Registrar's Office is listed in the Academic Calendar in the front of this catalog. Students filing a diploma card after this date will be charged a late fee. It is to the student's benefit to file the Diploma Card at least one semester prior to the semester the student plans to graduate. A degree audit will be made after the Diploma Card is received and the student will receive a letter indicating graduation requirements needed. The student should inform the Graduation Coordinator if his/her graduation date changes one month before graduation.

### Deadlines

The deadline for chapel credits to be completed and reported to the Registrar's Office is April 15<sup>th</sup> for Spring, July 15<sup>th</sup> for Summer, and November 15<sup>th</sup> for Fall graduation. Failure to meet this deadline, as well as failure to file your Application for Graduation, will incur the following fees: (See the University calendar for deadlines for submission of the diploma card.)

<b>Spring</b>		
After the published deadline through April 15		\$25.00
After April 15 (no guarantee of name being in the program)		\$100.00
<b>Summer</b>		
After the published deadline through July 15		\$25.00
After July 15		\$100.00
<b>Fall</b>		
After the published deadline through Nov. 15		\$25.00
After Nov. 15 (no guarantee of name being in the program)		\$100.00

### Minimum Grade Point Average

In order to graduate, a student must have a cumulative grade point average of 2.00 overall including a cumulative average

of 2.00 in all work completed at HSU as well as in work in both the major and minor. Programs leading to Teacher Preparation require a 2.80 GPA. Some majors require a higher GPA. (Refer to departmental offerings for specific information.)

#### **Minimum Credits Required**

A minimum of 124 semester credits is required for a baccalaureate degree, but some degrees require more than 124 semester credits. (Refer to departmental offerings for specific information.)

#### **Residence Work**

A student transferring from a senior college or university who wishes to complete a degree from HSU must complete at least 25% of the credit hours required for the degree (excluding intercollegiate work) in residence from HSU. At least twelve upper level credits in the major field, and six upper level credits in the minor field must be taken from HSU when the major and/or minor fields are offered at HSU.

#### **Transfer Work During the Senior Year**

A maximum of nine semester credits may be transferred from another senior institution during the senior year (last 30 credits), provided the student has met the minimum residence requirement. See also Post-Enrollment Transfer Credit. Official transcripts must be sent directly from the college or university attended to the Office of the Registrar.

#### **Correspondence Credit**

No more than 12 credits of correspondence work may be accepted toward a baccalaureate degree at HSU. Correspondence work will not satisfy residence requirements. **NOTE: correspondence courses and internet courses are NOT accepted for undergraduate credit in foreign languages.**

#### **CLEP Policy**

Students may earn credit through satisfactory scores (as recommended by the American Council on Education) on the Subject Examinations as indicated in this catalog. (Note: Enrollment in the equivalent class prevents the student from attempting credit by examination in that class.) No CLEP tests can be taken after the last date to register for a course *during a student's last semester before graduation.*

#### **Upper Level Work**

A minimum of 42 semester credits in courses at the junior and/or senior (3000-4000) level must be completed before a bachelor's degree is granted. At least 18 semester credits in the major field of study and at least six semester credits in the minor field of study must be upper level work. Work transferred from a junior college will not count toward the upper level credits requirement.

#### **Proficiency in Written English**

Each student must demonstrate proficiency in written English ordinarily during the second semester of the junior year (after having earned at least 75 credits) by writing an essay, which receives a passing score. Therefore, all students who have completed 75 or more semester credits will enroll in and take the Writing Proficiency Exam. The fee for the test is not refundable. At least six semester credits of English composition must have been completed before taking the test. Those failing to satisfy the requirement must enroll in English 2101 immediately upon notification of unsatisfactory performance. Students transferring from another regionally accredited institution which tests Writing Proficiency under requirements similar to those at Hardin-Simmons will be deemed to have satisfied this requirement if credit for Writing Proficiency is indicated on the transcript.

#### **Technological Competency**

Each student must demonstrate technological proficiency (see page 22) through coursework or testing identified by his or her major.

#### **Degree Plan (Academic Evaluation)**

Each student must confer with his/her advisor and decide on a major and minor (if applicable). This should be done no later than after the completion of 30 semester credits. The major advisor or Preparation Officer (if education student) will submit an Application for Declaring Degree to the Office of the Registrar.

The major and minor professors as well as the Preparation Officer in the School of Education (if applicable) and the student will receive a copy of the Academic Evaluation usually within a couple of weeks from the Office of the Registrar. All substitutions and waivers must be submitted by the advisors in the major and minor areas.

#### **Chapel-Assembly Credit**

The purpose of HSU chapel is to enlighten by faith the Hardin-Simmons community through worship, dialogue, and community service. HSU students are required to accumulate 80 chapel credits in order to graduate. Students may earn chapel credits by attending chapel, alternative chapel events, and by performing community service.

Chapel credits from other institutions are non-transferable. For each hour of course work that transfers to Hardin-Simmons students will receive .65 chapel credits.

In special circumstances (employment and family obligations), the Chapel Advisory Committee may be petitioned for a waiver of the chapel requirement. Contact the Chaplain's Office to find out how to start the petition process. Semester exemptions are not granted. For more information, contact the Office of the University Chaplain at 671-2190.

#### **Financial Obligations to the University**

Students are required to settle all accounts in a manner satisfactory to the University Controller before a diploma or transcript will be awarded.

#### **Requirements for a Second Baccalaureate Degree**

A student who desires to earn a second baccalaureate degree must complete the requirements of a single catalog in effect since entering school for the second degree under the statute of limitations. All of the components of the degree (foundational curriculum, Writing Proficiency, major, and minor) must be completed under the curriculum provisions of the catalog. A minimum of 30 semester credits beyond the first bachelor's degree is required. All work taken at HSU after the first degree will be figured into the GPA (not just the major courses).

#### **Participation in Graduation Exercises**

All candidates for degrees are requested to participate in the commencement ceremony. Candidates must be enrolled in all courses required to complete the degree including chapel and Writing Proficiency. Chapel and Writing Proficiency must be completed by the deadlines of April 15<sup>th</sup> (May graduation) and November 15<sup>th</sup> (December graduation). Students with any graduation requirements not completed by these dates will be excluded from walking at their respective graduation ceremony.

#### **Statute of Limitations**

A student may graduate under the curriculum provisions of any single catalog in effect for any academic year for which the student was enrolled so long as the catalog selected is dated not more than five years prior to the student's date of graduation unless those provisions have been changed in response to an external mandate by the state or by the relevant accrediting body.



## AWARDS AND HONORS

### Graduation with Honors (for Baccalaureate degrees)

A student who has completed 60 credits of HSU residence credit and has earned a cumulative grade point average of 3.55 is graduated *cum laude*.

A student who has completed 60 credits of HSU residence credit and has earned a cumulative grade point average of 3.75 is graduated *magna cum laude*.

A student who has completed 60 credits of HSU residence credit and has earned a cumulative grade point average of 3.90 is graduated *summa cum laude*.

**NOTE:** Current GPA is the basis for honors read at Commencement. Honors for transcript and diploma are based on actual GPA after requirements are completed.

## COMMENCEMENT AWARDS

**The Anderson Medals** - Two awards are made at commencement in the name of George Skiles Anderson and Minnie L. Anderson, longtime benefactors. The medals go to the senior man and senior woman who, having spent three or more years (90 semester credits including international study work taken through HSU) in residence at HSU, have excelled in character, personal development, and service to the University as recommended by a faculty/staff committee.

### The Julius Nelson Olsen Medal

Dr. and Mrs. Julius Olsen established the Julius Nelson Olsen Medal in 1914 in memory of their son. It is perpetuated through a bequest by Dean Julius Olsen, who was Professor of Physics at Hardin-Simmons University from 1902-1942 and Dean of the University during much of that time. This medal is awarded annually at spring commencement to the graduate who has the highest grade average, has exemplified the highest scholarly achievement, and has completed at least 90 semester credits of residence credit at Hardin-Simmons University including international study work taken through HSU.

### The Winnie K. and D. M. Wiggins Medal

Awarded to the senior student graduating during the winter commencement for academic excellence throughout his/her entire college career. The medal will go to one who has spent three or more years in residence (including international study work taken through HSU) and who has excelled in character, personal development, and academic achievement.

### The Academic Foundation Medal

Established in 1999 by The Academic Foundation of Hardin-Simmons University, the medal is awarded annually during the winter commencement to the graduate who has the highest grade average, exemplifies the highest scholarly achievement, and has completed at least 90 semester credits of residence credit at Hardin-Simmons University including international study work taken through HSU.

### Other Awards

Hardin-Simmons University presents numerous other medals and awards to deserving students who demonstrate excellence in academics, athletics, and service to others. These awards are sponsored by various campus departments and organizations as well as memorial foundations and endowments.

## ACADEMIC ORGANIZATION AND DEGREES

### ACADEMIC ORGANIZATION

The Cynthia Ann Parker College of Liberal Arts offers a wide variety of majors and minors and provides most of the instruction required by the foundational curriculum which is an integral part of all degree programs. The professional schools offer specialized training in their respective fields and provide a clearly focused program for students preparing for those fields. The Graduate School coordinates and supervises the work of those students seeking master or doctoral degrees.

## COLLEGE DEPARTMENTS AND PROGRAMS

The academic programs of Hardin-Simmons University are developed and implemented through an academic organization consisting of the following major units:

### Cynthia Ann Parker College of Liberal Arts

Communication  
Criminal Justice  
English  
Foreign Language  
Geography  
History  
Honors  
Humanities  
Leadership Studies  
Legal Studies  
Philosophy  
Political Science  
Psychology  
Social Work  
Sociology

### Holland School of Sciences and Mathematics

Biology  
Chemistry and Physics  
Communication Sciences and Disorders  
Geological and Environmental Sciences  
Mathematics

### Kelley College of Business

Accounting  
Business Administration  
Computer Science  
Economics  
Finance  
Information Systems  
Management  
Marketing  
Non-Profit Management  
Public Administration

### Irvin School of Education

Teacher Education  
Fitness and Sport Sciences

### College of Fine Arts

Art  
Music  
Performance Studies  
Church Music  
Music Education  
Music History and Literature  
Music Theory and Composition  
Theatre

### Patty Hanks Shelton School of Nursing

Nursing  
Nursing RN to BSN

### Logsdon School of Theology

Biblical Studies  
Ethics  
Historical/ Theological Studies  
Religion  
Ministry

Missions

## Graduate School

### DEGREES OFFERED

HSU offers work leading to the following undergraduate degrees: Bachelor of Arts, Bachelor of Behavioral Science, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science, and Bachelor of Science in Nursing. Work is also offered which leads to the following graduate degrees: Master of Arts, Master of Business Administration, Master of Divinity, Master of Education, Master of Music, Master of Science in Nursing, Master of Science, Doctor of Ministry, Doctor of Physical Therapy, Doctor of Education. For descriptions of the graduate degrees see the Graduate Catalog.

STUDENTS ELECTING A DEGREE WITH THE OBJECTIVE OF EARNING TEACHER PREPARATION IN THE STATE OF TEXAS SHOULD REFER TO THE IRVIN SCHOOL OF EDUCATION SECTION OF THIS CATALOG FOR STATE REQUIREMENTS.

### NOTES:

1. For specific major and minor requirements, a student should refer to the departmental offerings.
2. The natural science requirement for students who major or minor in science is determined by the faculty of the department involved. If minoring in mathematics or one of the sciences, a student should see the appropriate departmental recommendations.
3. Some courses which are taken to fulfill the HSU Foundational Curriculum requirements may also be counted in corresponding majors or minors if the catalog requirements allow the possibility of those courses. This double counting arises when a student majors or minors in a core-related field. At no time may a course be counted in three required fields. Also, a course may not be counted both in the student's major and minor fields. The capability of counting a course in two required areas does not decrease the graduation requirement of attaining a minimum of 124 semester credits for the bachelor's degree.
4. Although students are encouraged to seek a broad educational experience at HSU, the approval to earn double majors is not automatic. Because the requirements for double majors are complex, students should investigate major and degree requirements early in their career at HSU, referring to the appropriate school/college section of the current Undergraduate Catalog. To pursue double majors, approval from the major advisors and from the Registrar's Office are required using the Application for Declaring Degree. A double major will typically require more than 124 semester credits.
5. Majors require a minimum of 30 credits. (Due to additional foundational courses in the Logsdon School of Theology and the School of Business, majors in those schools may have a minimum of 24 credits.) Minors require a minimum of 18 credits.

\*A second minor may be taken from any area (if a minor is required). If no minor is required, a minor from any area may be added.

DEGREE		MAJOR	MINOR*	TEACHER DEGREES	TEACHING LEVELS
ACCOUNTING	ACCT	BBA			
ART	ART	BA;BFA	BA; BBS	BA	EC-12
ATHLETIC TRAINING	ATTR	BBS			
BIBLICAL LANGUAGES	BLAN		BA; BBS		
BIBLICAL STUDIES	BSTU	BA			
BIOCHEMISTRY	BIOC		BA; BS		
BIOCHEMISTRY/MOLECULAR BIOLOGY	BIMB	BA; BS			
BIOLOGY	BIOL	BA; BS	BA; BBS; BS		
BUSINESS ADMINISTRATION	BSAD		BA; BBS		
BUSINESS EDUCATION	BSAD			BA; BBS	6-12
CHEMISTRY	CHEM	BA; BS	BA; BS		
CHURCH MUSIC	MUCM	BM			
COACHING	COAC		BBS		
COMMUNICATION	COMM	BA; BBS	BA; BBS	BBS; BA	7-12
COMMUNICATION SCIENCES AND DISORDERS	CSD	BA; BBS			
COMPUTER SCIENCE	CSCI	BBS; BA;BS	BA; BBA; BBS; BS		
CRIMINAL JUSTICE	CRIJ	BA; BBS	BA; BBS		
ECONOMICS	ECON	BA;BBA;BBS;BS	BA; BBS; BS		
ENGLISH	ENGL	BA; BBS	BA; BBS		
ENGLISH LANGUAGE ARTS & READING	ELAR			BBS;BA ONLY) (7-12)	4-8; 7-12
ENGLISH LANGUAGE ARTS, READING, & SOCIAL STUDIES	ELRS			BBS	4-8
ENVIRONMENTAL SCIENCE	ENVS	BA; BS	BA; BS		
ETHICS	ETHC		All		
EXERCISE SCIENCE	EXSC	BBS	BA; BBS		
FINANCE	FINA	BBA			
FITNESS, RECREATION AND SPORTS MANAGEMENT	FRSM	BBS			
FORENSIC STUDIES	FRNS		BA; BBS		
GENERAL SCIENCE	SCED			BBS	4-8
GEOLOGY	GEOL	BA; BS	BA; BS		
HISTORY	HIST	BA; BBS	BA; BBS	BA; BBS	7-12
HONORS	HONR		ALL		
INFORMATION SYSTEMS	INSY	BBA			
INTERDISCIPLINARY GENERALIST	INTG			BBS	EC-6
LEADERSHIP STUDIES	LDSP		ALL		
LEGAL STUDIES	LGLS		BA; BBA; BBS		
LIFE SCIENCES COMPOSITE	LSCI			BA; BS	7-12
MANAGEMENT	MGMT	BBA	BA; BBS		
MARKETING	MSTY	BBA	BA; BBS		
MATHEMATICS	MATH	BA; BS	BA; BBS; BS	BBS	4-8; 7-12
MINISTRY	MNST	BBS			
MUSIC	MUSI	BA	BA; BBS		
MUSIC EDUCATION	MUED			BM	EC-12
MUSIC PERFORMANCE	MUAP	BM			
MUSIC THEORY (MUSIC MAJORS ONLY)	MUTC		BA; BM		
MUSIC THEORY AND COMPOSITION	MUTC	BM			
MUSIC WITH BUSINESS EMPHASIS	MUSB	BA			
NONPROFIT MANAGEMENT	NMGT	BBA			
NURSING	NURS	BSN			
PHILOSOPHY	PHIL	BA	BA; BBS		
PHYSICAL EDUCATION	a.PHED			BBS	EC-12
PHYSICAL SCIENCES COMPOSITE	PHSC			BBS	6-12
PHYSICS	PHYS	BS	BA; BBS; BS		
POLITICAL SCIENCE	POLS	BA; BBS	BA; BBS		
PSYCHOLOGY	PSYC	BA; BBS	BA; BBS		
PUBLIC ADMINISTRATION	PADM	BBA			
PUBLIC HEALTH	PHN		BSN		
RELIGION	RELI	BA	BA; BBS		
SCIENCE EDUCATION (COMPOSITE)	LSCI			BS	7-12
SOCIAL STUDIES COMPOSITE	SOSC			BBS	7-12
SOCIAL WORK	SCWK	BBS	BA; BBS		
SOCIOLOGY	SOCI	BA; BBS	BA; BBS		
SPANISH	SPAN	BA	BA; BBS	BA	EC-12

SPEECH COMMUNICATION	SPCO	BA; BBS		BA; BBS	7-12
THEATRE	THEA	BA; BBS; BFA	BA; BBS	BA; BBS; BFA	EC-12

<b>General Outline for the Bachelor of Arts Degree</b>	<b>Required Semester Credits</b>
MAJOR (Select from the above-mentioned fields) .....	30 or more
MINOR (Select from the above-mentioned fields) .....	18 or more
FOUNDATIONAL CURRICULUM	
<b>I. Skill-Focused:</b>	
Effective Communication	
Freshman Writing: ENGL 1301 AND 1302 .....	6
Oral Communication: COMM 1301 or 1302 .....	3
Quantitative Reasoning	
Math 1301 or as recommended by Math department or major .....	3
<b>II. Discipline-Focused:</b>	
Fitness Education: FSSC 1170 and 2 other activity courses .....	3
Fine Arts & Literature	
Fine Arts: Visual Arts, Music or Theatre .....	3
Sophomore Literature .....	3
Biblical Studies 6 credits including at least 3 credits of BIBL (BIBL 1301, BIBL 1302, CHST 1311, MNST 1321, THEO 1331, THEO 1332) .....	6
Foreign Language (one language) .....	12-14
Humanities .....	3
Natural & Physical Sciences (from at least two fields and including one four-credit laboratory course: Biology, Chemistry, Geology- Environmental Science, Physics-Physical Science, Science Education) .....	7
Social and Behavioral Sciences ( <b>from at least two fields outside the major</b> , four or more courses [depending on degree], with two of these courses in the same area to reflect a year's study in that field: Economics, Political Science [EDUC requires 1302], History [EDUC requires 1301 and 1302], Psychology [EDUC requires 3333], Sociology) .....	12
ELECTIVES .....	15
MINIMUM REQUIRED .....	124

TEACHER PREPARATION FOR A B.A. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE.  
SEE IRVIN SCHOOL OF EDUCATION (page 94).

<b>General Outline for the Bachelor of Behavioral Science Degree</b>	<b>Required Semester Credits</b>
MAJOR (Select from the above-mentioned fields) .....	30 or more
MINOR (Select from the above-mentioned fields) .....	18 or more
FOUNDATIONAL CURRICULUM	
<b>I. Skill-Focused:</b>	
Effective Communication	
Freshman Writing: ENGL 1301 AND 1302 .....	6
Oral Communication: COMM 1301 or 1302 .....	3
Quantitative Reasoning	
Math 1301 or as recommended by Math department or major .....	3
<b>II. Discipline-Focused:</b>	
Fitness Education: FSSC 1170 and 2 other activity courses .....	3
Fine Arts & Literature	
Fine Arts: Visual Arts, Music or Theatre .....	3
Sophomore Literature .....	3
Biblical Studies 6 credits including at least 3 credits of BIBL (BIBL 1301, BIBL 1302, CHST 1311, MNST 1321, THEO 1331, THEO 1332) .....	6
Humanities .....	3
Natural & Physical Sciences (from at least two fields and including one four-credit laboratory course: Biology, Chemistry, Geology- Environmental Science, Physics-Physical science, Science Education) .....	7
Social and Behavioral Sciences ( <b>from at least two fields outside the major</b> , four or more courses [depending on degree], with two of these courses in the same area to reflect a year's study in that field: Economics, Political Science [EDUC requires 1302], History [EDUC requires 1301 and 1302], Psychology [EDUC requires 3333], Sociology) .....	18
ELECTIVES .....	21
MINIMUM REQUIRED .....	124

TEACHER PREPARATION FOR A B.B.S. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE.  
SEE IRVIN SCHOOL OF EDUCATION (page 94).

For requirements leading to the Bachelor of Business Administration degree, please refer to the School of Business section of this Catalog.

<b>General Outline for the Bachelor of Business Administration Degree</b>	<b>Required Semester Credits</b>
MAJOR-----	24
BUSINESS CORE -----	39
FOUNDATIONAL CURRICULUM	
<b>I. Skill-Focused:</b>	
Effective Communication	
Freshman Writing: ENGL 1301 AND 1302-----	6
Oral Communication: COMM 1301 or 1302 -----	3
Quantitative Reasoning	
Math 1310, 1315, 1320 or as recommended by Business advisors-----	3
<b>II. Discipline-Focused:</b>	
Fitness Education: FSSC 1170 and 2 other activity courses -----	3
Fine Arts & Literature	
Fine Arts: Visual Arts, Music or Theatre -----	3
Sophomore Literature -----	3
Biblical Studies 6 credits including at least 3 credits of BIBL (BIBL 1301, BIBL 1302, CHST 1311, MNST 1321, THEO 1331, THEO 1332) -----	6
Humanities -----	3
Natural & Physical Sciences (from at least two fields and including one four-credit laboratory course: Biology, Chemistry, Geology- Environmental Science, Physics-Physical Science, Science Education) -----	7
Social and Behavioral Sciences: Economics 2330, 2332, 2333, and 3 credits from History, Political Science, Psychology, or Sociology -----	12
ELECTIVES-----	12
MINIMUM REQUIRED-----	124

<b>General Outline for the Bachelor of Fine Arts Degree</b>	<b>Required Semester Credits</b>
MAJOR (Select from the above-mentioned fields) -----	70
MINOR (none needed)	
FOUNDATIONAL CURRICULUM	
<b>I. Skill-Focused:</b>	
Effective Communication	
Freshman Writing: ENGL 1301 AND 1302-----	6
Oral Communication: COMM 1301 or 1302 -----	3
Quantitative Reasoning	
Math 1301 or as recommended by Math department or major -----	3
<b>II. Discipline-Focused:</b>	
Fitness Education: FSSC 1170 and 2 other activity courses -----	3
Fine Arts & Literature	
Fine Arts: Music or Theatre -----	3
Sophomore Literature -----	3
Biblical Studies 6 credits including at least 3 credits of BIBL (BIBL 1301, BIBL 1302, CHST 1311, MNST 1321, THEO 1331, THEO 1332) -----	6
Foreign Language (from one language) -----	8
Humanities (see major)-----	3
Natural & Physical Sciences (from at least two fields and including one four-credit laboratory course: Biology, Chemistry, Geology- Environmental Science, Physics-Physical Science, Science Education) -----	7
Social and Behavioral Sciences ( <b>from at least two fields</b> ) – Economics, History, Political Science, Psychology, or Sociology -----	9
Electives -----	0-3
MINIMUM REQUIRED-----	124-126

TEACHER PREPARATION FOR A B.F.A. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE. SEE IRVIN SCHOOL OF EDUCATION (page 94).

<b>General Outline for the Bachelor of Music Degree</b>	<b>Required Semester Credits</b>
MAJOR (Select from the above-mentioned fields) -----	74 or more
FOUNDATIONAL CURRICULUM	
<b>I. Skill-Focused:</b>	
Effective Communication	
Freshman Writing: ENGL 1301 AND 1302-----	6
Oral Communication: COMM 1301 or 1302 -----	3
Quantitative Reasoning	
Math 1301 or as recommended by Math department or major -----	3
<b>II. Discipline-Focused:</b>	
Fitness Education: FSSC 1170 and 2 other activity courses -----	3
Fine Arts & Literature	
Fine Arts: Visual Arts, Music or Theatre (satisfied in major)-----	0
Sophomore Literature -----	3
Biblical Studies 6 credits including at least 3 credits of BIBL (BIBL 1301, BIBL 1302, CHST 1311, MNST 1321, THEO 1331, THEO 1332) -----	6
Foreign Language (see major requirement) -----	0-8
Humanities (satisfied in major) -----	0
Natural & Physical Sciences (from at least two fields and including one four-credit laboratory course: Biology, Chemistry, Geology- Environmental Science, Physics-Physical Science, Science Education) -----	7
Social and Behavioral Sciences ( <b>from at least two fields outside the major</b> , three or more courses [depending on degree], PSYC 1301 plus at least one other field (two fields required) from ECON, HIST, PSYC, POLS, SOCI; music education for teacher certification requires HIST 1301, 1302 ; POLS 1302 or 2301; and PSYC 3333-----	9-12
MINIMUM REQUIRED-----	124

TEACHER PREPARATION FOR A B.M. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE.  
SEE IRVIN SCHOOL OF EDUCATION (page 94).

<b>General Outline for the Bachelor of Science Degree</b>	<b>Required Semester Credits</b>
MAJOR (Select from the above-mentioned fields) -----	30 or more
MINOR (Select from the above-mentioned fields)-----	18 or more
FOUNDATIONAL CURRICULUM	
<b>I. Skill-Focused:</b>	
Effective Communication	
Freshman Writing: ENGL 1301 AND 1302-----	6
Oral Communication: COMM 1301 or 1302 -----	3
Quantitative Reasoning	
Mathematics-----	6
<b>II. Discipline-Focused:</b>	
Fitness Education: FSSC 1170 and 2 other activity courses -----	3
Fine Arts & Literature	
Fine Arts: Visual Arts, Music or Theatre -----	3
Sophomore Literature -----	3
Biblical Studies 6 credits including at least 3 credits of BIBL (BIBL 1301, BIBL 1302, CHST 1311, MNST 1321, THEO 1331, THEO 1332) -----	6
Humanities -----	3
Natural & Physical Sciences (from at least two fields and including one four-credit laboratory course: Biology, Chemistry, Geology- Environmental Science, Physics-Physical Science, Science Education) -----	8
Social and Behavioral Sciences (from at least two fields with two of these courses in the same area to reflect a year's study in that field: Economics, Political Science, History, Psychology, Sociology) -----	12
ELECTIVES-----	23
MINIMUM REQUIRED-----	124

TEACHER PREPARATION FOR A B.S. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE.  
SEE IRVIN SCHOOL OF EDUCATION ( See page 94).

**BACHELOR OF SCIENCE IN NURSING DEGREE**

For admissions and other requirements leading to this degree, please refer to the School of Nursing section of this Catalog.

**PRE-PROFESSIONAL COURSES OF STUDY**

It is recognized that some students enrolling in the University are interested in preparing for professional fields such as dentistry, engineering, geology, law, medicine, pharmacy, or veterinary medicine. HSU offers an ample number of academic foundation courses required for admission to professional schools.

Professional schools maintain rigid admission policies, and admission is highly competitive. Qualified HSU students have been most successful in gaining admission to these schools.

A student interested in these specialized fields, in consultation with the appropriate advisor, is responsible for becoming acquainted with the admissions requirements of the school of his/her choice so that a program may be planned to meet those requirements.

The following pre-professional guidelines are provided for those wishing to complete liberal arts requirements at Hardin-

Simmons University prior to their graduate or professional study.

**Pre-Engineering Requirements** - Schools of engineering will accept work from Hardin-Simmons University which is equivalent to courses in their engineering curriculum. In general, a student may attend Hardin-Simmons University for two years and then transfer approximately 50-60 credits into an engineering curriculum. Each student will consult with the pre-engineering advisor from the beginning to plan a program that will fit the particular engineering school and program in which the student is interested.

The following is a general guide showing work which may be transferred from Hardin-Simmons University into an engineering curriculum. Particular requirements should be determined from the catalog of the selected engineering school—the exact credits transferred will depend upon the area of engineering and school selected. Some courses are offered on a rotational basis; therefore, work closely with your advisor in preparing your schedule.

<b>Pre-Engineering Requirements</b>	<b>Required Semester Credits</b>
<b>FOUNDATIONAL CURRICULUM</b>	<b>PRE-ENGINEERING</b>
<b>I. Skill-Focused:</b>	
Effective Communication	
Freshman Writing: ENGL 1301 AND 1302-----	6
Quantitative Reasoning	
Mathematics: MATH 1420, 1421, 2320, 2321-----	12
<b>II. Discipline-Focused:</b>	
Fine Arts & Literature	
Fine Arts: Visual Arts, Music or Theatre-----	3
Sophomore Literature-----	3
Humanities-----	6
Natural & Physical Sciences: CHEM 1310, 1110, 1311, 1111; PHYS 1320, 1120, 1321, 1121-----	16
Social and Behavioral Sciences: 6 credits from History, 6 credits from Political Science, and 3 credits from Economics, Psychology or Sociology)-----	15
<b>TOTAL CREDITS-----</b>	<b>61</b>

\*The student should begin the study of Calculus with MATH 1420 and 1421 in the freshman year.

**Pre-Geologist Requirements** The Bachelor of Science degree in Geology prepares students to sit for the National Association of State Boards of Geology (ASBOG) Fundamentals and Geology Practice examinations.

**Pre-Graduate Software Engineering and Computer Science** - Students desiring to enroll in graduate programs

in software engineering or computer science are strongly encouraged to major in computer science and minor in mathematics; major in mathematics and minor in computer science; or double major in mathematics and computer science. Alternatively, students may major in any science and take the following courses: MATH 1420, 1421, 2320, 3305, 3310, 3315; CSCI 1320, 2320, 3320, 3323.

**Pre-Medical and Pre-Dental Requirements** - Hardin-Simmons University has for many years provided course work necessary for preparing men and women for careers in medicine and dentistry. Hardin-Simmons University students perform admirably in our nation's medical and dental schools. Many pre-medical and pre-dental students major in chemistry, biology, or biochemistry although it is possible to major in other areas. Each student is counseled individually with regard to needs and interests. The following outline of

courses is a typical requirement for students applying to medical or dental schools.

Most pre-medical and pre-dental students will complete at least 124 credits, including the above courses, and obtain a Bachelor of Science or a Bachelor of Arts degree. Exceptional pre-medical and pre-dental students may elect to follow a three-year degree plan consisting of at least 94 credits at HSU plus the successful completion of the first year in an accredited United States medical or dental school. This program is outlined below in this section of the Catalog.

<b>Pre-Medical and Pre-Dental Requirements</b>	<b>Required Semester Credits</b>
<b>Minimum Requirements:</b>	
Chemistry-----	8
English-----	6-12
Fitness & Sport Sciences activity courses-----	3
History and Political Science-----	3
Humanities and Social Science electives-----	3-6
Mathematics-----	9-12
Physics-----	8
TOTAL CREDITS-----	50-62
<b>Suggested Course Requirements:</b>	
Biology 1320, 1120, 2420, and 2 upper level courses*-----	16
Chemistry 1310, 1110, 1311, 1111, 3401, 3402, 4310**-----	16-19
English 1301 and 1302-----	6
Mathematics 1420, 3312*** (for pre-medical students)-----	3
Physics 1310, 1110, 1311, 1111-----	8
TOTAL CREDITS-----	49-52

\*Anatomy, Physiology, Microbiology, Histology, Cellular and Molecular Biology, Immunology, Embryology and Biochemistry II are suggested to strengthen the student's science background.

\*\*recommended for pre-medical; required for pre-dental.

\*\*\*recommended for all pre-health students.

**Bachelor of Science—Three Year Pre-Medical and Pre-Dental Programs** - The Bachelor of Science degree is available to exceptional pre-medical and pre-dental students who have completed at least 94 semester credits, as outlined below, and who have completed 30 semester credits or the first year in an accredited United States medical or dental school. These students will receive the Bachelor of Science degree in Biology from Hardin-Simmons University. Preparation of the work done in medical or dental school must be made by the dean of that school.

**Pre-Law Program and Legal Studies Minor** - Few law schools require specific undergraduate majors for admission. Accordingly, a pre-law student at HSU may, after consultation with the pre-law advisor, choose his course of study from a variety of curricula.

However, for both the student seeking a law or law-related career ("professional track" student) and students interested in the law from a liberal arts or other perspective ("non-professional track" student), HSU offers a unique

multidisciplinary legal studies minor of 18 credits. This program is available under the B.A., B.B.S., or B.B.A. degree. Please direct questions concerning the Legal Studies and pre-law programs to the University's Legal Studies Director. For additional information, refer to the catalog section on Legal Studies.

**Pre-Pharmacy Requirements** - Students interested in a career in pharmacy *may* complete at least two years work in a college or university and then enter a school of pharmacy for four additional years. Most students take an average of 2 ½ - 3 years to complete the course requirements for pharmacy college. A prior degree is not required, though the applicant pools reveal that over half of the applicants have a degree in some field of study. The student and his/her advisor will consult the catalog of the school of pharmacy to which the student seeks admission and plan his/her specific program to meet the requirements of that school. The following pre-pharmacy program represents the requirements of most pharmacy schools.

<b>Pre-Pharmacy Requirements</b>	<b>Required Semester Credits</b>
American History-----	6
Biology 1320, 1120, 2420, 3420, 3417*, 3418*-----	12-20
Chemistry 1310, 1110, 1311, 1111, 3401, 3402-----	16
Economics-----	3-6
English and/or Speech-----	6-12
Fitness & Sport Sciences activity courses-----	2-4
Mathematics 1420, 3312, 1310*-----	9
Physics 1310, 1110, 1311, 1111-----	8
Political Science-----	6
TOTAL CREDITS-----	61-72

\*recommended

**Pre-Physical Therapy** - While the requirements for admission to any of the professional physical therapy educational programs have similar prerequisites, there may



be slight differences with each school. The student is advised to consult with each program in which they have an interest for specific admission criteria. The majority of physical therapy schools confers the masters degree upon graduation and generally require that the applicant complete a baccalaureate degree which will include the prescribed prerequisite course work. Admission to physical therapy programs is highly competitive and usually requires a grade point average considerably above a 3.00 (on a 4.00 system.) Additionally, the majority of programs require that the student demonstrate knowledge of the profession. This may be obtained in a variety of ways, such as observation, volunteering or paid employment as an aide in a physical therapy department or clinic. It is suggested that the student have wide exposure to various types of physical therapy practice settings.

Hardin-Simmons University offers a doctoral-level curriculum in physical therapy education with a class beginning yearly with the fall semester. As a service to the pre-physical therapy students on the HSU campus, the department of physical therapy serves as a central advisory office. Pre-physical therapy students should seek assistance from their academic advisor or contact the Department of Physical Therapy with questions about the graduate program in physical therapy at HSU.

**Pre-Seminary** - The Logsdon School of Theology is aware that most church vocation students plan further theological training after the Bachelor's degree, either at Logsdon or elsewhere. Therefore, the student's faculty mentor will guide the student in selecting those courses that best prepare for further theological studies.

#### **MASTER'S DEGREES**

For information concerning requirements leading to the master's degrees, see the Graduate Catalog. For a listing of the programs, see page 157 of this Catalog.

## CYNTHIA ANN PARKER COLLEGE OF LIBERAL ARTS

### Dean

Dr. Alan Stafford

The Cynthia Ann Parker College of Liberal Arts offers courses and programs designed to provide a broad liberal arts education to students in all majors throughout the University. The Foundational Curriculum, which is required for all bachelor's degrees, is provided primarily through the College as are a wide variety of courses which serve to augment and expand the student's general educational experience.

The College also offers specialized training in a variety of pre-professional programs and in specific major and minor fields appropriate to the following bachelor's degrees:

#### **Bachelor of Arts**

Communication: Mass Media  
 Communication: Public Relations/Advertising  
 Communication: Speech Communication  
 Criminal Justice  
 English  
 Spanish  
 History  
 Philosophy  
 Political Science  
 Psychology  
 Sociology

#### **Bachelor of Behavioral Science**

Communication: Mass Media  
 Communication: Public Relations/Advertising  
 Communication: Speech Communication  
 Criminal Justice  
 English  
 History  
 Political Science  
 Psychology  
 Social Work  
 Sociology

For specific requirements leading to these degrees, please refer to the Academic Organization and Degrees section of this catalog.

The following topics and courses are also offered in the Cynthia Ann Parker College of Liberal Arts.

#### **GEOGRAPHY**

**Objectives** - Geography is offered to give the student an opportunity to learn more about the world. GEOG 3301 is required for the Social Studies Composite major as well as elementary teacher preparation students. History certification students will take 3301 (cross-listed as HIST 3307), and all history majors are encouraged to take it.

#### **Courses in Geography (GEOG)**

2301 Principles of Geography  
 3301 Cultural Geography

#### **HUMANITIES**

**Objectives** - Each of these courses is designed to be taken independently. The first two survey the inter-relatedness or selected academic disciplines in order that students may gain an informed perspective on their cultural background and to help them better understand contemporary culture. The film course studies the evolution of motion pictures in America as a contemporary phenomenon resulting from societal, cultural, artistic, and commercial influences.

#### **Courses in Humanities (HUMA)**

3099 (1-3 credits) Special Topics  
 3301 Humanities I  
 3302 Humanities II  
 3330 Survey of American Film

See page 22 of this catalog for the list of courses fulfilling humanities requirements in the HSU foundational curriculum.

## DEPARTMENT OF COMMUNICATION

<http://www.hsutx.edu/academics/cap/communication>

### Head of Department

Dr. Joseph Bailey  
325-670-1408  
HSU Box 16145  
jbailey@hsutx.edu

### Faculty

Randy L. Armstrong, Ed.D., Professor  
Joseph Bailey, Ph.D., Associate Professor  
Timothy B. Chandler, Ed.D., Professor  
Paul E. Potter, Ph.D., Professor  
Steven P. Stogsdill, Ph.D., Associate Professor  
Charlene Strickland, M.A., Associate Professor

**Objectives** - The Department of Communication offers the student an opportunity to gain knowledge and skill in the broad-based discipline of communication. The learning objectives of the department are organized into courses focusing on public speaking, media writing, public relations, mass media studies, advertising, and secondary teacher preparation. Students are encouraged to work out educational and career goals with a communication advisor.

The student may choose from one of the following emphases: Mass Media, Speech Communication, or Public Relations/Advertising.

**Mass Media (MASM)** – The following courses are required: COMM 1380, 1386, 2101, 2301, 2352, 3305, 3386, 4308, 4310, 4335, and 4389. A minimum of 33 semester credits in addition to COMM 1301 or 1302 is required. Because 2101 is required 3 times, all 33 credits for the major are achieved.

**Public Relations/Advertising (PRAD)** – The following courses are required: COMM 1380, 2352, 3302, 3353, 3384, 3387, 4310, 4356, 4381, 4384, plus three upper-level credits chosen from other courses offered in the Department of Communication.

**Speech Communication (SPCO)** - The following courses are required: COMM 1380, 2301, 3302, 3303, 3304, 4300 or 4301, 4305, 4308, 4310 plus six upper-level credits chosen from other courses offered in the Department of Communication.

**Internship** - All Department of Communication majors and minors are eligible to enroll in COMM 4389, Communication Internship, during the junior or senior year. Plans for an internship should be made with a communication advisor in advance of the semester in which the student wishes to do the internship.

**Portfolio Requirement for Graduation** - During the junior or senior year, the student majoring in communication must enroll in COMM 4310, Digital Portfolio. At the beginning of the senior year the student majoring in communication must present a portfolio of work completed in the department. This presentation may be added to during the senior year of study with the consultation provided by the student's advisor and other members of the communication faculty.

### The Minor in Communication:

The **minor** in communication, for non-communication majors, requires 18 credits in addition to COMM 1301 or 1302. The following courses are required: 1380, 2301, 3302, and 4308 plus six credits of upper-division communication courses.

**Teacher Preparation Program** - Students seeking teacher Preparation in Speech 7-12 should refer to the Irvin School of Education section of this Catalog for Texas Preparation requirements. The student must maintain a minimum GPA of

2.8 in speech throughout pursuit of Texas teacher certification.

### Courses in Communication (COMM)

1301 Speech Communication  
1302 Communication for Teachers  
1310 Computers in Communication  
1380 Survey of Mass Media  
1386 Survey of Radio and TV  
2101 Media Workshop  
2301 Public Speaking  
2352 Survey of Advertising  
2373 Oral Interpretation of Literature  
3301 Persuasion  
3302 Interpersonal Communication  
3303 Small Group Communication  
3304 Argumentation and Debate  
3305 Media Ethics  
3326 Modern Film Critique  
3330 Survey of American Film  
3340 Advertising for the Arts  
3353 Advertising Production Methods  
3381 Public Relations Feature Writing  
3384 Principles of Public Relations  
3386 Mass Media Management  
3387 Public Relations Newswriting  
4300 Communication Theory  
4301 Rhetoric of Social Protest  
4302 Mentoring  
4305 Organizational Communication  
4308 Trends in Communication  
4310 Digital Portfolio  
4335 Media Production  
4356 Advertising Campaigns  
4371 Communication Instruction  
4375 Directing Speech Activities  
4384 Public Relations Cases and Campaigns  
4389 Internship in Communication

<b>B.A. COMMUNICATION EMPHASIS: MASS MEDIA (MASM)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC .....	1
FSSC .....	1
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language) .....	14
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 Introduction to Computer Applications OR	
COMM 1310 Computers in Communication .....	3
<b>Total Core .....</b>	<b>66</b>
Major: Communication (33 credits)	
COMM 1380 Survey of Mass Media .....	3
COMM 1386 Survey of Radio and TV .....	3
COMM 2101 Media Workshop (X3) .....	3
COMM 2301 Public Speaking .....	3
COMM 2352 Survey of Advertising .....	3
COMM 3305 Media Ethics .....	3
COMM 3386 Mass Media Management .....	3
COMM 4308 Trends in Communication .....	3
COMM 4310 Digital Portfolio .....	3
COMM 4335 Media Production .....	3
COMM 4389 Internship in Communication .....	3
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Core .....</b>	<b>66</b>
<b>Electives .....</b>	<b>7</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

<b>B.B.S. COMMUNICATION EMPHASIS: MASS MEDIA (MASM)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC .....	1
FSSC .....	1
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	18
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 Introduction to Computer Applications OR	
COMM 1310 Computers in Communication .....	3
<b>Total Core .....</b>	<b>58</b>
Major: Communication (33 Credits)	
COMM 1380 Survey of Mass Media .....	3
COMM 1386 Survey of Radio and TV .....	3
COMM 2101 Media Workshop (X3) .....	3
COMM 2301 Public Speaking .....	3
COMM 2352 Survey of Advertising .....	3
COMM 3305 Media Ethics .....	3
COMM 3386 Mass Media Management .....	3
COMM 4308 Trends in Communication .....	3
COMM 4310 Digital Portfolio .....	3
COMM 4335 Media Production .....	3
COMM 4389 Internship in Communication .....	3
Minor (minimum 18 Credits)	
Minor .....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Core .....</b>	<b>58</b>
<b>Electives .....</b>	<b>15</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 Credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

<b>B.A. COMMUNICATION EMPHASIS: PUBLIC RELATIONS/ADVERTISING (PRAD)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language) .....	14
Humanities	
Humanities (see list under Humanities).....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI.....	12
Technological Competency	
CSCI 1303 Introduction to Computer Applications OR	
COMM 1310 Computers in Communication.....	3
<b>Total Core.....</b>	<b>66</b>
Major: Communication (33 credits)	
COMM 1380 Survey of Mass Media .....	3
COMM 2352 Survey of Advertising .....	3
COMM 3302 Interpersonal Communication .....	3
COMM 3353 Advertising Production Methods .....	3
COMM 3381 Public Relations Feature Writing .....	3
COMM 3384 Principles of Public Relations .....	3
COMM 3387 Public Relations Newswriting .....	3
COMM 4310 Digital Portfolio .....	3
COMM 4356 Advertising Campaigns .....	3
COMM 4384 PR Cases and Campaigns .....	3
Upper level COMM Credits .....	3
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Core .....</b>	<b>66</b>
<b>Electives .....</b>	<b>7</b>
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.	
Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

<b>B.B.S. COMMUNICATION EMPHASIS: PUBLIC RELATIONS/ADVERTISING (PRAD)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI.....	18
Technological Competency	
CSCI 1303 Introduction to Computer Applications OR	
COMM 1310 Computers in Communication .....	3
<b>Total Core .....</b>	<b>58</b>
Major: Communication (33 credits)	
COMM 1380 Survey of Mass Media .....	3
COMM 2352 Survey of Advertising.....	3
COMM 3302 Interpersonal Communication.....	3
COMM 3353 Advertising Production Methods .....	3
COMM 3381 Public Relations Feature Writing.....	3
COMM 3384 Principles of Public Relations.....	3
COMM 3387 Public Relations Newswriting .....	3
COMM 4310 Digital Portfolio.....	3
COMM 4356 Advertising Campaigns .....	3
COMM 4384 PR Cases and Campaigns .....	3
Upper level COMM Credits.....	3
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Foundational Core.....</b>	<b>58</b>
<b>Core .....</b>	<b>15</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.	
Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

**B.A.  
COMMUNICATION  
EMPHASIS: SPEECH COMMUNICATION  
(SPCO)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language).....	14
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications OR	
COMM 1310 Computers in Communication .....	3
<b>Total Core.....</b>	<b>66</b>
<b>Major: Communication (33 credits)</b>	
COMM 1380 Survey of Mass Media .....	3
COMM 2301 Public Speaking .....	3
COMM 3302 Interpersonal Communication.....	3
COMM 3303 Small Group Communication.....	3
COMM 3304 Argumentation & Debate .....	3
COMM 4300 Communication Theory OR	
COMM 4301 Rhetorical Analysis .....	3
COMM 4305 Organizational Communication.....	3
COMM 4308 Trends in Communication .....	3
COMM 4310 Digital Portfolio.....	3
Upper level COMM Credits .....	6
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Core .....</b>	<b>66</b>
<b>Electives .....</b>	<b>7</b>
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.B.S.  
COMMUNICATION  
EMPHASIS: SPEECH COMMUNICATION  
(SPCO)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI.....	18
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications OR	
COMM 1310 Computers in Communication .....	3
<b>Total Core.....</b>	<b>58</b>
<b>Major: Communication (33 credits)</b>	
COMM 1380 Survey of Mass Media.....	3
COMM 2301 Public Speaking .....	3
COMM 3302 Interpersonal Communication.....	3
COMM 3303 Small Group Communication.....	3
COMM 3304 Argumentation & Debate.....	3
COMM 4300 Communication Theory OR	
COMM 4301 Rhetorical Analysis .....	3
COMM 4305 Organizational Communication.....	3
COMM 4308 Trends in Communication .....	3
COMM 4310 Digital Portfolio.....	3
Upper level COMM Credits.....	6
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Core .....</b>	<b>58</b>
<b>Electives.....</b>	<b>15</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.A., B.B.S.  
MINOR: COMMUNICATION  
(COMM)**

Minor - Communication (18 credits)*	Credits
COMM 1380 Survey of Mass Media .....	3
COMM 2301 Public Speaking .....	3
COMM 3302 Interpersonal Communication.....	3
COMM 4308 Trends in Communication .....	3
COMM upper level elective.....	3
COMM upper level elective.....	3
<b>TOTAL .....</b>	<b>18</b>

\* In addition to COMM 1301 or COMM 1302

## DEPARTMENT OF CRIMINAL JUSTICE

<http://www.hsutx.edu/faculty/dept/210.html>

### Head of Department

Dr. Karin Brown  
325-670-5819  
HSU Box 16024  
kbrown@hsutx.edu

### Faculty

Karin Brown, Ph.D., Associate Professor  
Sandra B. Self, J.D., Professor  
Alan R. Stafford, Ed.D, Professor

**Objectives** - The field of criminal justice is dynamic and local, state, and federal agencies are recruiting men and women of integrity, dedication, and a strong desire to serve their communities. The faculty in the Criminal Justice Department are invested in the education and development of students toward achieving their personal and professional goals and are committed to preparing them to ethically demonstrate those qualities sought by agencies at all levels of this system.

Students must complete the HSU core curriculum as described in this catalog; have a minimum of 42 upper level credits and a minimum of 124 semester credits. A minimum 2.0 overall GPA and a minimum 2.0 GPA in the major and minor field of study are required for graduation. Criminal Justice majors and minors must earn at least a "C" in all criminal justice courses or retake the course the next time it is offered. "D's" in criminal justice courses will not count toward a Criminal Justice major or minor and transfer students may not petition to transfer a "D" in a criminal justice course from another institution.

**Forensic Studies Minor** – This course of study provides students with the skills requisite to the investigation of criminal offenses and the identification, apprehension, and prosecution of criminal offenders. This curriculum integrates different disciplines pertaining to deviant and criminal behavior with the practice of identification, procurement, and presentation of evidence resulting from criminal activity. The curriculum blends crime scene analysis, laboratory analysis, behavior analysis, and criminal law. The program's objective is to develop a sound educational foundation for graduate work or professional practice at the bachelor's level.

**Legal Studies Minor** – This program is a unique multidisciplinary minor of law and law-related courses in criminal justice, political science, and business administration. Students may elect to major in Criminal Justice and minor in Legal Studies. For further information, please refer to the Legal Studies section in this catalog.

**Admission Requirements** - Students who wish to major or minor in criminal justice must apply for admission to the program by completing the application process. The application forms may be found on the HSU Criminal Justice website under "Application Forms." All prospective students should research agency requirements to determine whether they qualify for employment. Policies vary among agencies and often include age, eyesight, weight, and other health and personal restrictions. Additionally, criminal justice agencies conduct thorough background investigations of applicants and those with issues related to criminal records and/or poor driving records may be disqualified. Considerations for acceptance into the Criminal Justice program include the potential for employability in criminal justice or related fields and academic performance. Students who develop employability, academic, or attendance issues after admission or who knowingly falsify statements on the application form may be dismissed from the program. The criminal justice faculty reserves the right to refuse to admit a

student into the program or to dismiss a student from the program.

### Courses in Criminal Justice (CRIJ)

#### Required Courses

1301 Introduction to the Criminal Justice System  
 1302 Police Operations  
 1304 Correctional Systems  
 2305 Juvenile Justice System  
 2306 Evidence and Procedure  
 3302 Bill of Rights  
 3307 Criminal Law  
 3308 Ethics in Criminal Justice  
 4310 Internship in Criminal Justice  
 4360 Senior Seminar

#### Elective Courses

2301 Criminal Investigation  
 3301 Correctional Case Management  
 3306 Correctional Counseling  
 3310 Applied Ethics and Social Justice Issues  
 3311 Crime Scene Investigation  
 4302 Drugs and Crime  
 4304 Criminal Profiling  
 4307 Contemporary Issues in Criminal Justice  
 4308 The Death Penalty  
 4309 Terrorism and Homeland Security  
 4311 Internship in Criminal Justice II  
 4312 Violence and Victimology  
 4313 Forensic Evidence and Expert Witness Testimony  
 4316 Constitutional Law: Powers  
 4351 Crime and Delinquency  
 4355 Search and Seizure  
 2099/3099/4099 (1-4 credits credit) Special Topics  
 POLS 4306 Constitutional Law: Liberties and Rights

<b>B.A. CRIMINAL JUSTICE (CRIJ)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language).....	14
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
BIOL 3303 and 3103.....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
HIST 1301 or 1302 U S History.....	3
PSYC 1301 Intro to Psychology.....	3
POLS 1302 American Government.....	3
POLS 2301 State and Local Government.....	3
SOCI 1301 Introduction to Sociology.....	3
SOCI 4351 Crime and Delinquency.....	3
<b>Technological Competency</b>	
CSCI 1303 or 3332 Computer Science.....	3
<b>Total Core.....</b>	<b>72</b>
<b>Major (39 credits)</b>	
CRIJ 1301 Intro to the Criminal Justice System.....	3
CRIJ 1302 Police Operations.....	3
CRIJ 1304 Correctional Systems.....	3
CRIJ 2305 Juvenile Justice System.....	3
CRIJ 2306 Criminal Evidence & Procedure.....	3
CRIJ 3302 The Bill of Rights.....	3
CRIJ 3307 Criminal Law.....	3
CRIJ 3308 Ethics in Criminal Justice.....	3
CRIJ 4310 Internship in Criminal Justice.....	3
CRIJ 4360 Senior Seminar.....	3
CRIJ elective (6 upper level).....	9
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Minor.....</b>	<b>57</b>
<b>Foundational Core.....</b>	<b>72</b>
<b>TOTAL.....</b>	<b>129</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
42 upper level credits (3000 and 4000-level) required.	
Grades of C or above are required in all criminal justice courses	
Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	



**B.B.S.  
CRIMINAL JUSTICE  
(CRIJ)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
BIOL 3303 and 3103.....	4
Other Science.....	3
<b>Social Sciences</b>	
PSYC 1301 Intro to Psychology.....	3
POLS 1302 American Government.....	3
POLS 2301 State and Local Government.....	3
SOCI 1301 Intro to Sociology.....	3
SOCI 4351 Crime and Delinquency.....	3
HIST 1301 or 1302 U S History.....	3
<b>Technological Competency</b>	
CSCI 1303 or 3332 Computer Science.....	3
<b>Total Core.....</b>	<b>58</b>

**Major (39 credits)**

CRIJ 1301 Introduction to the Criminal Justice System.....	3
CRIJ 1302 Police Operations.....	3
CRIJ 1304 Correctional Systems.....	3
CRIJ 2305 Juvenile Justice System.....	3
CRIJ 2306 Criminal Evidence & Procedure.....	3
CRIJ 3302 The Bill of Rights.....	3
CRIJ 3307 Criminal Law.....	3
CRIJ 3308 Ethics in Criminal Justice.....	3
CRIJ 4310 Internship in Criminal Justice.....	3
CRIJ 4360 Senior Seminar.....	3
CRIJ elective (6 upper level).....	9
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Minor.....</b>	<b>57</b>
Foundational Core.....	58
Electives.....	9
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

Grades of C or above are required in all criminal justice courses.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.A., B.B.S.  
MINOR: CRIMINAL JUSTICE  
(CRIJ)**

Minor - Criminal Justice (21 credits)	Credits
CRIJ 1301 Intro to Criminal Justice System.....	3
CRIJ 4310 Internship in Criminal Justice.....	3
CRIJ upper level elective.....	3
CRIJ upper level elective.....	3
CRIJ upper level elective.....	3
CRIJ elective.....	3
CRIJ elective.....	3
<b>TOTAL.....</b>	<b>21</b>

Grades of C or above are required in all criminal justice courses

**B.A., B.B.S.  
MINOR: FORENSIC STUDIES  
(FRNS)**

Minor: Forensic Studies (19 credits)	Credits
BIOL 3103 Forensic Science Lab.....	1
BIOL 3303 Topics in Forensic Science.....	3
CRIJ/LGLS 4313 Forensic Evidence and Expert Witness Testimony.....	3
CSCI 3332 Introduction to Computer Forensics.....	3
3 of the following courses.....	9
CRIJ 2301 Criminal Investigation	
POLS/CRIJ 2306 Evidence and Procedure	
POLS/CRIJ 3307 Criminal Law	
PSYC 3335 Psychology of Crime	
CRIJ 3311 Crime Scene Investigation	
CRIJ 4309 Terrorism and Homeland Security	
CRIJ 4355 Search and Seizure	
CRIJ 4304 Criminal Profiling	
<b>TOTAL.....</b>	<b>19</b>

## DEPARTMENT OF ENGLISH

<http://www.hsutx.edu/academics/cap/english>

### Head of Department

Dr. Traci S. Thompson  
325-670-1305  
HSU Box 16035  
tthomp@hsutx.edu

### Faculty

Larry G. Brunner, Ph.D., Senior Professor  
Larry E. Fink, Ph.D., Professor  
Robert A. Fink, Ph.D., Professor  
Jason King, Ph.D., Assistant Professor  
Laura Pogue, Ph.D., Associate Professor  
Traci S. Thompson, Ph.D., Professor  
Jana Wesson-Martin, Ph.D., Associate Professor

**Objectives** - The Department offers courses in literature and the English language. Courses in composition and language provide training in the techniques and skills requisite for accurate and effective written expression. Courses in the literature of America, England, and other countries familiarize students with specific writers, movements, periods, and literary issues; prepare students to recognize, to analyze, and to evaluate the various types of literature; build reading and other language skills; train students to do independent thinking and research; and develop understanding of aesthetic and cultural dimensions in the human experience. The Department offers majors and minors in English.

A bachelor's degree in English thus provides excellent preparation for the professional world beyond the university years and is a powerful degree for any area where sharp critical thinking skills are highly valued. English graduates are especially qualified for careers in communication, journalism, public relations, business, technology, and education as well as further study in law, library science, literature, or creative writing.

Members of the department are available to assist the student during any phase of this study at the University. Students are encouraged to take advantage of the Writing Center, located in Abilene Hall, Room 313, for help with problems in written expression.

**Freshman English** - All degree candidates in the University, regardless of the degree sought, are required to receive six semester credits of English composition credit IN SEQUENCE (ENGL 1301, 1302, or the equivalent). Research papers are required.

**Sophomore English** - All University curricula requires students to receive at least three semester credits in literature credit. The student may satisfy this requirement by taking a literature course numbered in the 2300 sequence. Six semester credits of freshman and three credits of sophomore English are prerequisite to all English courses numbered 3000 or above. A student seeking a teaching certificate for English Language Arts in grades 4-8 or 7-12 or majoring in English, must take six credits at the sophomore level. Research papers are required.

The student should note that the Bachelor of Arts degree requires 12-14 credits of one foreign language. The department recommends the BA over the BBS and considers foreign language courses *extremely* beneficial to students, especially those planning to teach English because they understand their own language better when they know at least one other language. In addition, those students planning to attend graduate school will find it especially beneficial to meet the foreign language requirement as part of the bachelor degree.

**Teacher Preparation Program** - Students seeking teacher certification in English should refer to the Irvin School of

Education section of this catalog for Texas certification requirements. English majors seeking certification for grades 4-8 or 7-12 must meet the following requirements to be eligible to student teach and to take the TExES prior to graduation:

Cumulative GPA of 2.80 in English courses;  
Pass Writing Proficiency Exam;  
Obtain written consent of the Head of Department of English.

Additionally, students seeking certification need to attend a practice session for the TExES exam. These sessions are sponsored regularly by the Irvin School of Education and more information can be obtained in that office.

**For certification plans in English Language Arts, see pages 98 (4-8) and 101 (7-12.)**

**Advanced Placement/CLEP Credit** - If another university granted AP credit for a score of less than 3, that credit will NOT transfer to HSU. If CLEP credit was granted by another university, that credit will only transfer to HSU if the original exam included the essay portion. CLEP credit requires both objective and essay portions of the exam be taken. CLEP is available for English 1301, 1302, and 2300 level courses.

NOTE: CLEP accepts requests for sending scores ONLY if such requests come from the student. Educational institutions are not permitted to make such requests. Thus, the student is responsible for contacting CLEP and requesting scores be sent to HSU.

There is no departmental exam for English credit at HSU, and departmental exam credits from other universities will NOT transfer.

**Writing Proficiency Exam - See page 31.**

### Technological Competency:

The department accepts CSCI 1303.

### Courses in English (ENGL)

0110 Basic Writing  
1301 Freshman Writing I  
1302 Freshman Writing II  
2099 (1-4 credits) Special Topics  
2101 Composition Review  
2301 World Literature  
2302 English Literature  
2303 American Literature  
3099 (1-4 credits) Special Topics  
3305 Theoretical Approaches to Literature  
4099 (1-4 credits) Special Topics  
4101 Teaching English in High School  
4110 Capstone Course  
4302 Issues in Grammar  
4303 Modern Drama  
4304 The Medieval Period  
4305 The American Novel  
4306 Shakespeare  
4307 Modern American Literature  
4308 The English Novel  
4311 Modern Poetry  
4312 The Seventeenth Century  
4313 Early American Literature  
4315 Creative Writing  
4316 Advanced Creative Writing  
4317 American Romanticism  
4318 Studies in Compositional Theory  
4319 Studies in Milton  
4320 The Thought and Fiction of C.S. Lewis  
4321 Introduction to Linguistics  
4322 Modern Fantasy  
4324 The Romantic Period  
4325 American Literary Realism  
4326 The Victorian Period  
4327 Studies in Southern Literature

<b>B.A. ENGLISH (ENGL)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I (See Major)	
ENGL1302 Freshman Writing II (See Major)	
COMM 1301 Speech Communication.....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit (See Major)	
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language) .....	14
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hour lab .....	4
Other Science.....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI.....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 Introduction to Computer Applications.....	3
<b>Total Core</b> .....	<b>57</b>
Major: English (37 credits)	
ENGL 1301 English Composition I.....	3
ENGL 1302 English Composition II .....	3
ENGL 230X Sophomore Literature (X2) .....	6
6 Upper level credits of American Literature .....	6
6 Upper level credits of English Literature .....	6
6 Upper level credits of non-literature .....	6
6 Upper level credits of English Electives .....	6
ENGL 4110 Capstone Course.....	1
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Minor</b> .....	<b>55</b>
<b>Core</b> .....	<b>57</b>
<b>Electives</b> .....	<b>12</b>
<b>TOTAL</b> .....	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
42 upper level credits (3000 and 4000-level) required.	
Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

**B.B.S.  
ENGLISH  
(ENGL)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I (See Major)	
ENGL1302 Freshman Writing II (See Major)	
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit (See Major)	
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI.....	18
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core .....</b>	<b>49</b>
<b>Major: English (37 credits)</b>	
ENGL 1301 English Composition I.....	3
ENGL 1302 English Composition II.....	3
ENGL 230X Sophomore Literature (X2).....	6
6 Upper level credits of American Literature .....	6
6 Upper level credits of English Literature .....	6
6 Upper level credits of non-literature .....	6
6 Upper level credits of English Electives .....	6
ENGL 4110 Capstone Course .....	1
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor.....</b>	<b>55</b>
Core.....	49
Electives.....	20
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.A., B.B.S.  
MINOR: ENGLISH  
(ENGL)**

Minor: English (27 credits)	
ENGL 1301 English Composition I .....	3
ENGL 1302 English Composition II .....	3
ENGL 230X Sophomore Literature .....	3
ENGL 230X Sophomore Literature .....	3
3 Upper level credits of American Literature .....	3
3 Upper level credits of British Literature .....	3
3 Upper level credits of non-literature.....	3
3 Upper level credits of English Elective .....	3
3 Upper level credits of English Elective .....	3
<b>TOTAL.....</b>	<b>27</b>

## DEPARTMENT OF FOREIGN LANGUAGE (French, German, and Spanish)

(For Greek and Hebrew courses see Logsdon School of Theology)  
<http://www.hsutx.edu/academics/cap/foreignlanguage>

### Head of Department

Dr. Rosario Hall  
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HSU Box 16206  
Rosario.hall@hsutx.edu

### Faculty

Joe H. Alcorta, Ph.D., Professor  
Rosario Hall, Ph.D., Assistant Professor

A working knowledge of a second language serves as an important means of expanding communication among peoples and transcends cultural barriers so, in an increasingly interdependent world and global workplace, can be vital to success in one's profession. Additionally, second language study promotes greater diversity of thought in all disciplines and deepens appreciation of one's native tongue.

The Department of Foreign Languages offers a major and a minor for the study of Spanish as well as two years of study in German and French. All students are encouraged to fuse second language work with their major and minor concentrations of study, whether for elective credit or for credit towards the Foreign Language requirement in the Bachelor of Arts degree.

**Note:** No correspondence work or online work will be counted toward foreign language credit. No correspondence or online work may be taken for 1401, 1402, 2301, 2302. Four semesters (two years) of study in a foreign language is required for some degrees. However, if a student demonstrates proficiency at the intermediate level, whether by satisfactory performance in appropriate course work or by a departmental examination or by a standardized college-level examination, he/she shall be regarded as having satisfied the foreign language requirement on the Bachelor of Arts degree. See page 23 for the regulations for Credit by Examination with special attention to regulations #4 and #5.

**Audits are not permitted in Foreign Language.**

### Objectives

- To prepare students with a foundation of grammar, vocabulary, syntax, and literary analysis;
- To develop audio-oral skills in the modern foreign languages;
- To increase student abilities to communicate in oral and written expression;
- To develop the interpersonal, interpretive, and presentational modes of communication;
- To increase the student's knowledge and understanding of the target culture;
- To exercise using a wide range of resources in pursuit of knowledge for independent research;
- To offer opportunity for students to process information and knowledge which enrich a student's values, attitudes, and perspectives;
- To understand traditional approaches to the study of modern languages and literature as well as current and changing methodologies;
- To foster connections with other disciplines;
- To develop insights into the nature of languages other than English by comparison of an additional language with one's first language;
- To encourage Foreign Language students to develop a sense of community by participation in the university community and in the world at large with service and communication;
- To prepare students for advanced study in the language

and/or professions in which the knowledge of foreign language is a primary or a value-added component.

**Haggerton Language Laboratory** - Through a generous donation from the Haggerton Estate, the Department of Foreign Language offers foreign language students the many features of its state-of-the-art multimedia language facility. Students in ALL first-year language classes are expected to complete a minimum of one credit of language lab per week. Upper-level students will use the lab as required by the professor to practice communication skills, to do research, and to learn more about the culture of the language being studied. All students are encouraged to spend time in the laboratory for language review or improvement. The Haggerton Language Laboratory schedule is posted each semester on the bulletin board next to the lab, in class syllabi, and Blackboard.

**Study Abroad** - Students are encouraged to consider the Study Abroad opportunity offered at the University of Salamanca in Salamanca, Spain. No other study abroad in Spanish will be accepted for course credit unless previously approved by the Department of Foreign Language.

**Internships** - Students are encouraged to consider an internship in Spain under the auspices of the Embassy of Spain or at the University of Salamanca. See Department Head for details.

### Courses in French (FREN)

1401, 1402 Elementary French I, II  
2301, 2302 Intermediate French I, II

### Courses in German (GRMN)

1401, 1402 Elementary German I, II  
2099 (1-4 credits) Special Topics  
2301, 2302 Intermediate German I, II  
3099 (1-4 credits) Special Topics  
4099 (1-4 credits) Special Topics

### Courses in Spanish (SPAN)

1401, 1402 Elementary Spanish I, II  
2099 (1-4 credits) Special Topics  
2301, 2302 Intermediate Spanish I, II  
2303 Introduction to Professional Spanish (topics vary)  
3099 (1-4 credits) Special Topics  
3311 Spanish Communication  
3320 Introduction to Hispanic Literature  
4099 (1-4 credits) Special Topics  
4140 Advanced Skills \*(may be taken twice for credit)  
4240 Seminar in Pedagogy. Take concurrently with SPAN 4140.  
4302 Advanced Spanish Communication  
4311 Advanced Spanish Grammar  
4312 Spanish Linguistics  
4320 Hispanic Literature  
4330 Hispanic Civilization \* (may be taken twice when topic changes)  
4337 Capstone Course

**B.A.  
SPANISH  
(SPAN)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI.....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core .....</b>	<b>52</b>

**Major: Spanish (35 credits) \***

SPAN 1401 Elementary Spanish I .....	4
SPAN 1402 Elementary Spanish II .....	4
SPAN 2301 Intermediate Spanish I .....	3
SPAN 2302 Intermediate Spanish II .....	3
SPAN 3311 Spanish Communication .....	3
SPAN 4302 Advanced Spanish Communication .....	3
SPAN 4337 Capstone Course .....	3
SPAN 4311 Upper level Spanish Grammar .....	3
SPAN 4312 Spanish Linguistics .....	3
SPAN 3320 Introduction to Hispanic Literature .....	3
SPAN 4320 Hispanic Literature.....	3
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor.....</b>	<b>53</b>
<b>Core.....</b>	<b>52</b>
<b>Electives.....</b>	<b>19</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

Note: To be awarded CLEP credit for Spanish, the student must demonstrate writing proficiency by performing at B level or above on the optional essay

**B.A., B.B.S.  
MINOR: SPANISH  
(SPAN)**

**Minor: Spanish (23 credits)**

SPAN 1401 Elementary Spanish I .....	4
SPAN 1402 Elementary Spanish II .....	4
SPAN 2301 Intermediate Spanish I.....	3
SPAN 2302 Intermediate Spanish II .....	3
9 SPAN upper level credits .....	9
<b>TOTAL .....</b>	<b>23</b>

Note: To be awarded CLEP credit for Spanish, the student must demonstrate writing proficiency by performing at B level or above on the optional essay.

Note: For Teacher Preparation requirements, see School of Education.

**DEPARTMENT OF HISTORY**<http://www.hsutx.edu/academics/cap/history>**Head of Department**

Dr. Mark Beasley  
325-670-1279  
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mbeasley@hsutx.edu

**Faculty**

Mark Beasley, Ph.D., Professor  
Tiffany Fink, Ph.D., Associate Professor  
Donathan Taylor, Ph.D., Professor  
Richard Traylor, Ph.D., Associate Professor  
Carol Woodfin, Ph.D., Associate Professor

**Objectives** – The Department of History offers major and minor programs leading to the Bachelor of Arts and Bachelor of Behavioral Science degrees. History courses may be counted toward fulfillment of HSU core curriculum requirements.

**Note:** CLEP for history courses for history majors or minors is not accepted.

**Teacher Preparation Programs** - History majors seeking certification for grades 7-12 must successfully meet the following requirements to be eligible to student teach and sit for the TExES prior to graduation:

- 1) successfully complete the practice TExES administered by the Irvin School of Education
- 2) demonstrate a cumulative GPA of 2.8 in all History courses

Students seeking teacher Preparation in Social Studies (composite) and/or History for Grades 7-12 should refer to the Irvin School of Education section of this catalog for Teacher Preparation Requirements.

**Courses in History (HIST)**

1301 U.S. History to 1876  
1302 U.S. History since 1876  
2099 (1-4 credits) Special Topics  
2301 History of Western Civilization to 1550  
2302 History of Western Civilizations Since 1550  
3099 (1-4 credits) Special Topics  
3100 Historiography  
3200 Seminar in Historical Writing  
3306 Studies in World History  
3307 World Cultural Realms  
4099 (1-4 credits) Special Topics  
4301 Survey of Texas History  
4302 The American West  
4303 Colonial & Revolutionary America 1492-1789  
4304 The Roots of Democracy: U.S. 1789-1840  
4307 Civil War & Reconstruction: U.S. 1840-1877  
4308 Gilded Age & Progressive U.S. 1877-1917  
4309 World Wars, Roaring 20s & Depression: U.S., 1917-1945  
4310 The United States Since 1945  
4311 American Foreign Relations  
4312 Women in American History, 1600 to Present  
4321 Mexico and the Caribbean  
4323 Latin America in the Twentieth Century  
4345 Recent History of the Middle East  
4350 Modern France  
4352 Renaissance and Reformation  
4354 Ancient Greece and Rome to 133 B.C.  
4355 Rome: Republic to Empire, 146 B.C.-476 A.D.  
4361 Modern Britain  
4363 History of Modern Germany, 1871 to Present  
4366 Modern Russia  
4369 The Social and Intellectual History of Modern Europe  
4370 European Imperialism  
4374 Modern Asia

4375 The Middle Ages

**GEOGRAPHY**

**Objectives** - Geography is offered to give the student an opportunity to learn more about the world. GEOG 3301 is required for the Social Studies Composite major as well as elementary teacher preparation students. History certification students will take 3301 (cross-listed as HIST 3307), and all history majors are encouraged to take it.

**Courses in Geography (GEOG)**

2301 Principles of Geography  
3301 Cultural Geography

**B.A.  
HISTORY  
(HIST)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language) .....	14
<b>Humanities</b>	
Humanities (see HIST 2301 in major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
6 credits from .....	6
ECON, PSYC, POLS, or SOCI (at least two fields)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core .....</b>	<b>57</b>
<b>Major: History (30 credits)</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
HIST 2301 History of Western Civ to 1550.....	3
HIST 2302 History of Western Civ Since 1550.....	3
HIST 3100 Historiography.....	1
HIST 3200 Seminar in Historical Writing .....	2
HIST 3306 Studies in World History .....	3
Approved upper level HIST elective credits .....	12
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor .....</b>	<b>48</b>
<b>Core .....</b>	<b>57</b>
<b>Electives.....</b>	<b>19</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
Chapel 80 attendances required  
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.B.S.  
HISTORY  
(HIST)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see HIST 2301 in major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
6 credits from .....	6
ECON, PSYC, POLS, or SOCI (at least two fields)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core .....</b>	<b>43</b>
<b>Major: History (30 credits)</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
HIST 2301 History of Western Civ to 1550.....	3
HIST 2302 History of Western Civ Since 1550 .....	3
HIST 3100 Historiography.....	1
HIST 3200 Seminar in Historical Writing.....	2
HIST 3306 Studies in World History .....	3
Approved upper level HIST elective credits .....	12
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor.....</b>	<b>48</b>
<b>Core.....</b>	<b>43</b>
<b>Electives .....</b>	<b>33</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
Chapel 80 attendances required  
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302



<b>B.A., B.B.S. MINOR: HISTORY (HIST)</b>	
	Credits
Minor: History (21 credits)	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
HIST 2301 History of Western Civ to 1550 .....	3
HIST 2302 History of Western Civ Since 1550 .....	3
HIST 3100 Historiography .....	1
HIST 3200 Seminar in Historical Writing .....	2
HIST 3306 Studies in World History .....	3
HIST upper level elective .....	3
<b>TOTAL</b> .....	<b>21</b>

**HONORS**

<http://www.hsutx.edu/academics/honors>

**Director of Honors Program**

Dr. Tom Copeland  
325-670-1533  
HSU Box 16115  
copeland@hsutx.edu

The Honors Program is designed to offer highly motivated, exceptional students the opportunity to work within the Honors community to pursue interests beyond the scope of regularly formulated classes, under the direction of faculty selected and approved to teach honors courses, in an environment enlightened by Christian faith and values.

**Program Objectives**

1. To encourage and provide unique, varied and interdisciplinary opportunities for students to actively engage in the pursuit of knowledge;
2. To encourage and provide unique, varied and interdisciplinary opportunities for free discussion and exchange of ideas;
3. To encourage and provide unique and varied opportunities for self-discovery and personal growth;
4. To encourage and provide opportunities for spiritual growth and the integration of faith and intellect.

**Courses in Honors**

1301 Honors Colloquium  
3301 Discourse in Aesthetics  
3302 Discourse in Cultural Theory  
3303 Discourse in Applied Science and Mathematics  
3389, 4389 Independent Studies  
4101,4102 Honors Capstone

Students graduating from the honors program are required to complete an **Honors Minor in Interdisciplinary Studies**. In some cases, depending on the major, Honors courses may also satisfy Foundational Curriculum requirements or the student's major requirements. These determinations will be made by the program director in consultation with the University Registrar.

**Admissions Criteria** - Admission to the Honors Program requires approval by the Honors Council. Formal application to the Program includes a written essay and an interview. Students who meet three of the four following minimal criteria are eligible to apply for admission to the Honors Program:

1. Class rank in high school, top 10 percent
2. High school GPA equivalent of 3.75 on a 4.0 scale
3. Diversity demonstrated by extracurricular activities
4. ACT score of 25, or SAT score of 1710

Each honors course must be approved by the Honors Council.

<b>ANY DEGREE MINOR: HONORS (HONR)</b>	
	Credits
Minor: Honors (23 credits)	
HONR 1301 Honors Colloquium .....	3
BIBL 1301H Old Testament Survey <b>OR</b>	
BIBL 1302H New Testament Survey .....	3
HONR 3301 Discourse in Aesthetics .....	3
HONR 3302 Discourse in Cultural Theory .....	3
HONR 3303 Discourse in Science/Math .....	3
HONR 4101 and 4102 Honors Capstone .....	2
6 Upper level credits to enhance major .....	6
<b>TOTAL</b> .....	<b>23</b>

## LEADERSHIP STUDIES

<http://www.hsutx.edu/academics/leadership>

### Director of Leadership Studies

Dr. Coleman Patterson  
325-671-2172  
HSU Box 16125  
ColemanP@hsutx.edu

**Objectives** - This program seeks to prepare ethical, imaginative, effective leaders for the twenty-first century through a course of study emphasizing both theory and practice. Successful leaders need to have an education that will enable them to deal humanely and intelligently with the complex problems of a rapidly changing world. The classes in this academic minor will introduce students to prominent theories in leadership studies, train them in such important life skills as communication and critical thinking, develop them as leaders with a Christian perspective and system of values, and motivate women and men to serve society through positions of leadership.

The curriculum is designed to emphasize inquiry, understanding, skill development, practice, and reflection. In-class study, class exercises, service projects, leadership workshops, and leadership development programs provide an environment where students can study and develop an understanding of leadership.

Courses can also be taken as electives for students who are not interested in completing the minor.

Leadership Studies minors must earn at least a "C" in all leadership studies courses or retake the course the next time it is offered. Grades lower than a "C" in leadership studies courses will not count toward a leadership studies minor.

### Core Courses in Leadership Studies (LDSP)

1301 Foundations of Leadership Studies  
3305 Christian Ethics for Leaders  
4306 Leadership Seminar

### Leadership Electives (choose four of the following courses):

2099 (1-4 credits) Special Topics  
3099 (1-4 credits) Special Topics  
3303 Great Leaders of History  
3306 Communication for Leaders  
3307 Critical Thinking and Problem Solving  
3310 Leadership Workshop  
3315 Leadership in Theatre  
3320 Creating Profit and Non-Profit Ventures  
3325 Sport and Recreation Management Seminar  
3330 Outdoor Leadership  
3335 Leading Teams  
3340 Business Concepts for Leaders  
3345 Leadership in Film  
3350 Organizational Behavior  
3355 Decision Making and Quantitative Methods  
3360 Organization Builders  
3365 Leading Virtual Teams  
3370 Model United Nations  
4099 (1-4 credits) Special Topics

### ANY DEGREE (Except B.B.A.) MINOR: LEADERSHIP (LDSP)

	Credits
Minor: Leadership (21 credits)	
LDSP 1301 Foundations of Leadership Studies .....	3
LDSP 3305 Christian Ethics for Leaders .....	3
LDSP 4306 Leadership Seminar .....	3
LDSP Elective .....	3
LDSP Elective .....	3
LDSP Elective .....	3
LDSP Elective .....	3
<b>TOTAL</b> .....	<b>21</b>

### B.B.A. MINOR: LEADERSHIP (LDSP)

	Credits
Minor: Leadership (18 credits)	
LDSP 1301 Foundations of Leadership Studies .....	3
LDSP 4306 Leadership Seminar .....	3
LDSP Elective drawn from the following* .....	12
LDSP 3306 Communication for Leaders	
LDSP 3310 Leadership Workshop	
LDSP 3320 Creating Profit and Non-Profit Ventures**	
LDSP 3325 Sport and Recreation Management Seminar	
LDSP 3330 Outdoor Leadership	
LDSP 3335 Leading Teams	
LDSP 3345 Leadership in Film	
LDSP 3350 Organizational Behavior***	
LDSP 3360 Organization Builders	
LDSP 3365 Leading Virtual Teams	
<b>TOTAL</b> .....	<b>18</b>

\*Two advanced Leadership electives from this list may count as Advanced Business Electives.

\*\*Credit may not be received for both this course and MGMT 4351.

\*\*\* Credit may not be received for both this course and MGMT 3354.

## LEGAL STUDIES

<http://www.hsutx.edu/academics/cap/politicalscience/legstudies>

#### Director of Legal Studies

Sandra B. Self, J.D.  
325-670-5885  
HSU Box 16232  
sself@hsutx.edu

#### Objectives

The HSU Legal Studies Program includes a unique undergraduate multidisciplinary minor consisting of 18 credits of law and law-related courses. Knowledge of the law and legal systems is important for students interested in pursuing a wide array of degrees and career paths. Future lawyers, business professionals, social workers, educators, lobbyists, personnel administrators, politicians, law enforcement and corrections officers, are just a few examples of careers which frequently encounter legal issues. The Legal Studies minor provides undergraduate students with an opportunity to become familiar with legal ideas, legal institutions, and the legal process. It is designed to provide tools for the reasoned appraisal of how the law works and of the policies that underlie it.

All legal studies and pre-law students must contact the Legal Studies/Pre-law Director every semester in order to receive the most current information on course offerings, scheduling, and scholarships.

#### Core Courses in Legal Studies (LGLS)

BSAD 3303 Business Law I  
LGLS 1301 Introduction to Law  
LGLS /CRIJ 2306 Evidence and Procedure  
LGLS 4306 Constitutional Law: Liberties and Rights **OR**  
LGLS 4316 Constitutional Law: Powers

**Legal Studies Electives: Choose six credits from the following courses – (Note: students who are planning on taking the LSAT are strongly encouraged to choose PHIL 3320 [Logic] or PHIL 1310 [Critical Thinking] as one their elective courses.)**

#### Courses available for Legal Studies

##### (See Department for Description)

COMM 3304 Argumentation and Debate  
CRIJ 3302 The Bill of Rights  
LGLS /CRIJ 3307 Criminal Law  
LGLS 3309 Family Law  
LGLS 2099 (1-4 credits) Special Topics  
LGLS 3099 (1-4 credits) Special Topics  
LGLS 4099 (1-4 credits) Special Topics  
LGLS 4300/4600 Legal Internship  
LGLS/POLS 4306 Constitutional Law: Liberties and Rights  
LGLS/CRIJ 4308 The Death Penalty  
LGLS /CRIJ 4313 Forensic Evidence and Expert Witness Testimony  
POLS/CRIJ 4316 Constitutional Law: Powers  
PHIL 1310 Critical Thinking  
PHIL 3320 Logic

### B.A., B.B.A., B.B.S. MINOR: LEGAL STUDIES (LGLS)

Credits

#### Minor - Legal Studies (18 credits)

BSAD 3303 Business Law I.....	3
LGLS 1301 Introduction to Law .....	3
LGLS /CRIJ 2306 Evidence & Procedure.....	3
LGLS /POLS 4306 Constitutional Law: Lib/Rights OR	
LGLS /POLS 4316 Constitutional Law: Powers.....	3
Six credits from the following .....	6
LGLS /CRIJ 3307 Criminal Law	
LGLS 3309 Family Law	
LGLS 2099, 3099, 4099 Special Topics	
LGLS 4300, 4600 Legal Internship	
LGLS/POLS 4308 The Death Penalty	
LGLS /POLS 4306 Constitutional Law: Lib/Rights	
LGLS /CRIJ 4313 Forensic Evidence and Expert Witness	
Testimony	
LGLS /POLS/CRIJ 4316 Constitutional Law: Powers	
COMM 3304 Argumentation and Debate	
CRIJ 3302 The Bill of Rights	
PHIL 1310 Critical Thinking	
PHIL 3320 Logic	
<b>TOTAL .....</b>	<b>18</b>

## DEPARTMENT OF PHILOSOPHY

### Head of Department

Dr. Bryan D. Yorton  
325-670-5864  
HSU Box 15234  
Bryan.D.Yorton@hsutx.edu

### Faculty

Bryan D. Yorton, Ph.D., Associate Professor

**Objectives** - To contribute to the liberal education of students by developing analytical and critical thinking, broadening perspectives, and encouraging the pursuit of knowledge and truth in all areas of life. This involves exploring the perennial questions (and preeminent answers) that humans encounter in contemplating existence and seeking to live wisely. Underlying these goals is the aim to help students develop their own philosophical approach within a trustworthy world-view, together with an awareness of the relevance of philosophy for the fundamental methodological and substantive perspectives of other disciplines.

Why study Philosophy? Because it prepares graduates for success and adaptability over a lifetime of changing marketplaces and personal challenges. Philosophy students learn to think and communicate with clarity, breadth, and precision, learn how to ask the questions and solve the problems that enable one to succeed. Thus the study of philosophy provides a solid foundation for both the workplace and advanced study in all academic and professional fields, including law, theology, education, science, and business. As a major or minor the study of philosophy complements and enhances all areas of study. But most importantly, the study of philosophy at HSU is a wisdom-seeking enterprise operating under the conviction that Christian faith is relevant to all of life, while recognizing that wisdom may be found in unexpected places.

### Courses in Philosophy (PHIL)

1310 Critical Thinking  
2099 (1-4 credits) Special Topics  
2335 Introduction to Ethics  
2350 Introduction to Philosophy  
3099 (1-4 credits) Special Topics  
3300 History of Ancient and Medieval Philosophy: The Search for the One  
3310 History of Modern Philosophy: From Renaissance and Reformation to Romanticism and Naturalism  
3315 Nineteenth Century and Contemporary Philosophy: From Romanticism and Naturalism to Post-modernism  
3320 Logic  
3326 Existentialism  
3330 Ethical Theory  
3390 Directed Studies  
4099 (1-4 credits) Special Topics  
4315 Contemporary Continental Philosophy, Critical Theory, and Postmodernism  
4320 Philosophy of Religion  
4350 Problems and Topics  
4360 Evil and Suffering  
4361 Faith and Reason

## B.A. PHILOSOPHY (PHIL)

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language).....	14
<b>Humanities</b>	
Humanities (see major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core .....</b>	<b>63</b>
<b>Major: Philosophy (30 credits)</b>	
PHIL 2350 Introduction to Philosophy.....	3
PHIL 3320 Logic OR PHIL 1310 Critical Thinking .....	3
Three courses from.....	9
PHIL 3300 History of Ancient and Medieval Philosophy	
PHIL 3310 History of Modern Philosophy	
PHIL 3315 Nineteenth Century Philosophy	
PHIL 3326 Existentialism	
PHIL elective credits (6 must be upper level).....	9
Interdisciplinary course ** (X2).....	6
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor.....</b>	<b>48</b>
<b>Core.....</b>	<b>63</b>
<b>Electives.....</b>	<b>13</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency are required  
\*\*ART 4306; COMM 3301; COMM 3304; COMM 3305; COMM 4300; ENGL 3305; ENGL/THEA 4303; ENGL 4304; ENGL 4311; ENGL 4312; ENGL 4319; ENGL 4320; ENGL 4324; HIST 3306 HIST 3307; HIST 4352; HIST 4353; HIST 4369; HIST 4375; HUMA 3301; HUMA 3302; MUHL 3343; PHSC 3301; PHSC 3320; POLS 3324; PSYC 4303; PSYC 4335; PSYC 4350; SOCI 3303; SOCI 3360; SOCI 4353; THEO 4355; THEO 4357; SOCI 4334.

(These courses cannot apply to foundation curriculum or any other major or minor.)

<b>B.A., B.B.S. MINOR: PHILOSOPHY (PHIL)</b>	
	Credits
Minor - Philosophy (18 credits)	
PHIL upper level elective .....	3
PHIL upper level elective .....	3
PHIL upper level elective .....	3
PHIL elective .....	3
PHIL elective .....	3
PHIL elective .....	3
<b>TOTAL</b> .....	<b>18</b>

## DEPARTMENT OF POLITICAL SCIENCE

<http://www.hsutx.edu/academics/cap/politicalscience>

### Head of Department

Dr. Jeffrey E. Key  
325-670-1277  
HSU Box 16204  
jkey@hsutx.edu

### Faculty

Jeffrey E. Key, Ph.D., Professor  
Sandra B. Self, J.D., Professor

**Objectives** - The Department of Political Science combines two approaches to its course offerings. One approach recognizes the liberal arts orientation of the total university and presents the subject matter in various political science courses in a liberal arts perspective. The other approach recognizes the unique needs of students in pre-professional fields and strives to present relevant political science material in such a way as to benefit those professionally-oriented students. Political Science students may pursue BA or BBS degrees. **Teacher Preparation students should contact the School of Education for further information.**

### Courses in Political Science (POLS)

1302 American Government  
2301 Texas State and Local Government  
2302 Major World Governments  
3302 International Relations  
3303 Principles of Public Administration  
3320 Introduction to Christian Political Theology  
3322 US Foreign Policy  
3324 Political Theory  
3370 Model UN  
4306 Constitutional Law: Liberties and Rights  
4309 Terrorism and Homeland Security  
4312 Politics of Muslim Countries  
4316 Constitutional Law: Powers  
4380 Capstone

### Special Courses

2099,3099,4099 (1-4 credits) Special Topics  
4300, 4600, 4900 Political/Legal Internship

<b>B.A., B.B.S. MINOR: POLITICAL SCIENCE (POLS)</b>	
	Credits
Minor - Political Science (18 credits)	
POLS 1302 American Government .....	3
POLS 2301 Texas State & Local Govt .....	3
POLS 2302 Major World Government .....	3
POLS 4306 Constitutional Law: Liberties and Rights .....	3
POLS 4316 Constitutional Law: Powers .....	3
POLS upper level elective .....	3
<b>TOTAL</b> .....	<b>18</b>

**B.A.  
POLITICAL SCIENCE  
(POLS)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language).....	14
<b>Humanities</b>	
Humanities (see major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
6 hrs from .....	6
ECON, HIST, PSYC, or SOCI (at least two fields)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core .....</b>	<b>57</b>
<b>Major: Political Science (33 credits)</b>	
POLS 1302 American Government.....	3
POLS 2301 Texas State & Local Govt.....	3
POLS 2302 Major World Governments .....	3
POLS 3302 International Relations.....	3
POLS 3324 Political Theory .....	3
POLS 4300 Political/Legal Internship.....	3
POLS 4306 or POLS 4316 .....	3
POLS 4380 Capstone in Political Science.....	3
POLS upper level elective credits .....	6
PHIL 1310 or PHIL 2335.....	3
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Core .....</b>	<b>43</b>
<b>Electives .....</b>	<b>16</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.B.S.  
POLITICAL SCIENCE  
(POLS)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
6 hrs from .....	6
ECON, HIST, PSYC, or SOCI (at least two fields)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications.....	3
<b>Total Core.....</b>	<b>43</b>
<b>Major: Political Science (33 credits)</b>	
POLS 1302 American Government.....	3
POLS 2301 Texas State & Local Govt.....	3
POLS 2302 Major World Governments .....	3
POLS 3302 International Relations .....	3
POLS 3324 Political Theory.....	3
POLS 4300 Political/Legal Internship .....	3
POLS 4306 or POLS 4316 .....	3
POLS 4380 Capstone in Political Science .....	3
POLS upper level elective credits.....	6
PHIL 1310 or PHIL 2335 .....	3
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Minor .....</b>	<b>51</b>
<b>Core .....</b>	<b>43</b>
<b>Electives .....</b>	<b>30</b>
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**DEPARTMENT OF PSYCHOLOGY**<http://www.hsutx.edu/academics/cap/psychology>**Head of Department**

Dr. Doug Thomas

325-670-1534

HSU Box 16115

dthomas@hsutx.edu

**Faculty**

Thomas V. Copeland, Jr., Ed.D., Associate Professor

Lori Copeland, Ph.D., Associate Professor

Sue W. Lucas, Ph.D., Associate Professor

John Eric Swenson, Ph.D., Associate Professor

Doug Thomas, Ph.D., Professor

**Objectives-** The work offered in psychology has three main objectives: (1) to contribute to the liberal or general education of the student; (2) to aid in the professional preparation of the student in such areas as social work, the ministry, and teaching; (3) to give basic preparation to those expecting to make psychology their profession.

The psychology major is available for both the Bachelor of Arts and Bachelor of Behavioral Science degree plans. Although the major courses are the same for both, the general degree requirements differ, giving students flexibility in their studies. The Bachelor of Arts program requires a foreign language which is useful for advanced degree programs. The Bachelor of Behavioral Science requires more credits in the social sciences and is useful for students seeking a greater breadth in these areas. Students should be aware that since psychologists value the skills of self-awareness and self-disclosure, many of the courses offer the opportunity for self-reflection through class discussion and autobiographical papers.

Generally speaking, a student who majors in psychology with the intention of using it as a profession (counseling, teaching, research, and the like) should plan to continue work in a graduate school to obtain a master's degree. In many cases the Ph.D. is required if one expects to reach the higher levels of employment. Students wishing to pursue advanced degrees should consult catalogs from various graduate schools to acquaint themselves with admission requirements.

The 33 credits required for a major in psychology consists of 18 required credits plus 15 upper level psychology electives: PSYC 1301, 3303, one developmental course (3306 or 3337), once social/relationships course (3307, 3340 or 4340), 3308, 4335, and 15 upper level psychology electives. Consult with your advisor regarding further upper level credits recommendations.

For additional requirements on the BA or BBS degree and a list of available minors, refer to the General Outlines on page 35.

A **minor** in psychology consists of 21 semester credits with 12 credits required plus 9 upper level elective credits and are as follows: PSYC 1301, 3303, 3308, and either 2300, 3306 or 3337; plus 9 upper level psychology elective credits.

**Technological Competency:** The department accepts Psychology 4335.

**Courses in Psychology (PSYC)**

1301 Introduction to Psychology

2099 (1-4 credits) Special Topics

2300 Life Span Development

3099 (1-4 credits) Special Topics

3301, 4301 Directed Study

3302 Psychology of Learning

3303 Abnormal Psychology

3306 Child and Adolescent Psychology

3307 Human Sexuality

3308 Introduction to Research Methods in Psychology

3309 Advanced Research in Psychology

3310 Substance Abuse

3312 Psychological Statistics

3333 Educational Psychology

3335 Psychology of Crime

3337 Adult Development and Gerontology

3340 Social Psychology

4099 (1-4 credits) Special Topics

4101, 4102, 4103 Directed Research

4310 Personality: Theories and Disorders

4315 Psychological Testing

4321 Psychological Counseling

4335 History, Systems, and Philosophy of Psychology

4340 Psychology of the Family

4350 Integration of Psychology and Christian Theology

**B.A., B.B.S.****MINOR: PSYCHOLOGY  
(PSYC)**

Credits

## Minor: Psychology (21 credits)

PSYC 1301 Intro to Psychology .....	3
PSYC 3303 Abnormal Psychology .....	3
PSYC 3308 Intro. to Research Methods .....	3
PSYC 2300 Life Span Development OR	
PSYC 3306 Child/Adolescent Psychology OR	
PSYC 3337 Adult Development/Gerontology .....	3
PSYC upper level elective .....	3
PSYC upper level elective .....	3
PSYC upper level elective .....	3
<b>TOTAL .....</b>	<b>21</b>

**B.A.  
PSYCHOLOGY  
(PYSC)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language).....	14
<b>Humanities</b>	
Humanities (see list under humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
6 hrs from.....	6
ECON, HIST, POLS, or SOCI (at least two fields)	
<b>Technological Competency</b>	
PSYC 4335 (see major)	
<b>Total Core .....</b>	<b>57</b>
<b>Major: Psychology (33 credits)</b>	
PSYC 1301 Intro to Psychology .....	3
PSYC 3303 Abnormal Psychology .....	3
PSYC 3306/3337 Child & Adol./Adult Dev .....	3
PSYC 3307/3340/4340 Study/Social/Fam .....	3
PSYC 3308 Intro to Research Methods.....	3
PSYC 4335 History, Systems and Philosophy of Psychology ....	3
PSYC upper level elective credits .....	15
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor.....</b>	<b>51</b>
<b>Core.....</b>	<b>57</b>
<b>Electives.....</b>	<b>16</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
Chapel 80 attendances required  
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.B.S.  
PSYCHOLOGY  
(PYSC)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, POLS, or SOCI.....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
PSYC 4335 (see major)	
<b>Total Core .....</b>	<b>49</b>
<b>Major: Psychology (33 credits)</b>	
PSYC 1301 Intro to Psychology .....	3
PSYC 3303 Abnormal Psychology .....	3
PSYC 3306/3337 Child & Adol./Adult Dev .....	3
PSYC 3307/3340/4340 Study/Social/Fam .....	3
PSYC 3308 Intro to Research Methods .....	3
PSYC 4335 History, Systems and Philosophy of Psychology .....	3
PSYC upper level elective credits .....	15
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor.....</b>	<b>51</b>
<b>Core .....</b>	<b>49</b>
<b>Electives.....</b>	<b>24</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
Chapel 80 attendances required  
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302



## DEPARTMENT OF SOCIAL WORK

<http://www.hsutx.edu/academics/cap/socialwork>

### Head of Department

Melissa Milliorn  
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### Faculty

Kerri Fisher, M.S.S.W., LCSW, Assistant Professor  
Melissa Milliorn, M.S.S.W., LMSW-IPR., Associate Professor

Social work is a dynamic profession which has at its core the fundamental commitment to help people and communities and society solve problems. As members of the Christian community of Hardin-Simmons University, the mission of the Social Work Program is to:

- prepare students for competent and effective professional social work practice as generalist practitioners by providing appropriate knowledge, values and skills to serve individuals, families, groups, organizations and communities,
- develop professionals who promote social justice, dignity and worth of the individual, importance of human relationships, human rights, and scientific inquiry, and who are characterized by integrity, competence and service. And,
- produce leaders and advocates in policy development and service delivery for human rights and social and economic justice within a global context.

Following this mission, the Social Work Program goals are:

1. To prepare students for effective, competent and ethical professional social work practice through immersion in the values and ethics of the social work profession including respect and acceptance of all individuals with regard to age, class, color, culture, disability, ethnicity, family structure, gender, gender identity and expression, marital status, national origin, race, religion, sex and sexual orientation.
2. To provide students with a generalist's knowledge of social work that is broad in scope including: scientific inquiry for research-informed practice and practice-informed research; theory; values and ethics; the history, purpose and philosophy of the profession; and specific understanding of practice settings, contexts, and clientele.
3. To educate students to understand and embrace diversity in the world and to be committed to the promotion of human rights and social and economic justice through policy analysis, formulation and development, service delivery and through leadership in the development of a nurturing and supportive environment for all people, applying strategies of advocacy and social change, especially for those who are marginalized.
4. To foster students development and utilization of relational, cognitive, political and professional skills appropriate to generalist practice, while being able to apply critical thinking within the context of professional social work practice with individuals, families, groups, organizations and communities.
5. To create and support an environment that values, models and promotes lifelong learning, professional development, and active participation in the profession and community.

The curriculum is organized around five essential components, which include Human Behavior and Social Environment, Social Welfare Policy and Services, Social Work Practice, Social Work Research, and Field Instruction. It is important that the student make an early decision to enter the program, as courses are in sequential order and begin in

the freshman year. The program does not grant academic credit for life or work experience.

In the admission process, students may apply after successful completion of SCWK 2360. The Program is open to all qualified applicants without discrimination.

**Technological Competency:** The department accepts CSCI 1303.

The Social Work Program is accredited at the undergraduate level by the Council on Social Work Education. Upper level social work practice and field classes are restricted to majors who have been accepted into the program.

### Courses in Social Work (SCWK)

1350 Introduction to Social Work  
2099 (1-4 credits) Special Topics  
2303 Social Work Practice I  
2360 Human Behavior and Social Environment I  
2365 Human Behavior and Social Environment II  
3099 (1-4 credits) Special Topics  
3310 Applied Ethics and Social Justice Issues  
3320 Child Welfare Services  
3360 Social Welfare Policy I  
3365 Social Welfare Policy II  
3370 Social Work Practice II  
3375 Social Work Practice III  
3380 Social Research Methods  
4099 (1-4 credits) Special Topics  
4190 Senior Research Seminar I  
4290 Senior Research Seminar II  
4360 Health Care Issues in Society  
4370 Aging in Society  
4450 Field Instruction I  
4552 Field Instruction II

**B.B.S.  
SOCIAL WORK  
(SCWK)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I and II .....	6
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
PHIL 2335 Introduction to Ethics.....	3
<b>Natural &amp; Physical Sciences</b>	
BIOL 1401 Life Science .....	4
Other Science .....	3
<b>Social Sciences</b>	
(see major department requirements)	
<b>Foreign Language</b>	
SPAN 1401 Elementary Spanish I.....	4
SPAN 1402 Elementary Spanish II.....	4
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications.....	3
<b>Total Core.....</b>	<b>75</b>
<b>Department Requirements (27credits)</b>	
SOCI 1301 Introduction to Sociology.....	3
SOCI 2302 Social Problems .....	3
SOCI upper level credits.....	3
**SOCI upper level credits.....	3
PSYC 1301 Introduction to Psychology .....	3
PSYC upper level credits.....	3
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS elective credits .....	3
<b>Major: Social Work (45 credits)</b>	
SCWK 1350 Intro to Social Work .....	3
SCWK 2303 Social Work Practice I.....	3
SCWK 2360 Human Behavior/Social Env I.....	3
SCWK 2365 Human Behavior/Social Env II.....	3
SCWK 3360 Social Welfare Policy I.....	3
SCWK 3365 Social Welfare Policy II .....	3
SCWK 3370 Social Work Practice II.....	3
SCWK 3375 Social Work Practice III .....	3
SCWK 3380 Social Research Seminar Methods.....	3
SCWK 4190 Senior Research Seminar I.....	1
SCWK 4290 Senior Research Seminar II .....	2
SCWK 4450 Field Instruction I.....	4
SCWK 4552 Field Instruction II.....	5
Two courses from.....	6
SCWK 3320 Child Welfare Services	
SCWK 4360 Health Care Issues in Society	
SCWK 4370 Aging in Society	
<b>Major/Departmental Requirements.....</b>	<b>72</b>
<b>Core .....</b>	<b>48</b>
<b>Electives .....</b>	<b>4</b>
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances and Writing Proficiency Exam are required

\*\*Students are not required to have a minor.

If a minor is chosen, a minimum of 18 credits is needed, and three

**B.A., B.B.S.  
MINOR: SOCIAL WORK  
(SCWK)**

	Credits
<b>Minor: Social Work (18 credits)</b>	
SCWK 1350 Introduction to Social Work.....	3
SCWK 2360 Human Behavior and the Social Environ. I OR.....	3
SCWK 2365 Human Behavior and the Social Environ. II	
SCWK 2303 Social Work Practice .....	3
SCWK elective.....	3
SCWK upper level electives .....	6
<b>TOTAL .....</b>	<b>18</b>

The Social Work minor is not preparation for professional social work practice and is only intended to enhance the students' overall knowledge, skills and professional practice in their chosen field of study. Only graduates with a Bachelor's degree or Master's degree in Social Work from an accredited program may become a professional social worker, be approved for professional licensing examination, or obtain graduate credit/advanced standing for undergraduate academic work.

**DEPARTMENT OF SOCIOLOGY**

<http://www.hsutx.edu/academics/cap/sociology>

**Head of Department**

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**Faculty**

Jeremy Rhodes, Ph.D., Assistant Professor  
Joanne Roberts, Ph.D., Professor

**Objectives** - The primary objectives of the Department of Sociology are (1) to give the student a basic understanding of human interaction, social group relationships, and societal systems; (2) to prepare students for the profession of sociology; and (3) to assist in the preparation of students who are planning to enter careers such as criminal justice, social work, psychology, church-related vocations, speech pathology, communication, counseling, law, teaching, and recreation.

**Courses in Sociology (SOCl)**

1300 Introduction to Marriage and Family  
1301 Introduction to Sociology  
2099 (1-4 credits) Special Topics  
2302 Social Problems  
3099 (1-4 credits) Special Topics  
3301, 4301 Directed Studies  
3303 Cultural Diversity  
3312 Statistical Methods  
3320 Sociology of Sport  
3331 Urban Sociology  
3340 Social Psychology  
3360 Sociology of Religion  
3380 Social Research Methods  
4099 (1-4 credits) Special Topics  
4312 Violence and Victimology  
4320 The Family and Postmodern Film  
4340 Sociology of Marriage and Family  
4351 Crime and Delinquency  
4353 Race, Class, and Gender  
4360 Health Care Issues in Society  
4370 Aging in Society  
4380 Sociological Theory  
4381 Internship  
4390 Senior Seminar in Sociology

<b>B.A. SOCIOLOGY (SOCl)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language) .....	14
<b>Humanities</b>	
Humanities (see SOCl 4380 in major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
6 credits from.....	6
ECON, HIST, PSYC, or POLS (at least two fields)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications.....	3
<b>Total Core</b> .....	<b>57</b>
<b>Major: Sociology (30 credits)</b>	
SOCI 1301 Introduction to Sociology .....	3
SOCI 2302 Social Problems .....	3
SOCI 3312 Statistical Methods.....	3
SOCI 3380 Social Research Methods.....	3
SOCI 4380 Sociological Theory.....	3
SOCI 4390 Senior Seminar in Sociology .....	3
SOCI upper level elective credits .....	9
SOCI elective.....	3
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor</b> .....	<b>48</b>
<b>Core</b> .....	<b>57</b>
Electives .....	19
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.B.S.  
SOCIOLOGY  
(SOCl)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see SOCI 4380 in major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, or POLS .....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core</b> .....	<b>49</b>
<b>Major: Sociology (30 credits)</b>	
SOCI 1301 Introduction to Sociology.....	3
SOCI 2302 Social Problems.....	3
SOCI 3312 Statistical Methods .....	3
SOCI 3380 Social Research Methods .....	3
SOCI 4380 Sociological Theory .....	3
SOCI 4390 Senior Seminar in Sociology .....	3
SOCI upper level elective credits .....	9
SOCI elective .....	3
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor</b> .....	<b>48</b>
Core .....	49
Electives.....	27
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.A., B.B.S.  
MINOR: SOCIOLOGY  
(SOCl)**

	Credits
<b>Minor: Sociology (18 credits)</b>	
SOCI 1301 Introduction to Sociology .....	3
SOCI upper level elective .....	3
SOCI upper level elective .....	3
SOCI upper level elective .....	3
SOCI upper level elective .....	3
SOCI elective.....	3
<b>TOTAL</b> .....	<b>18</b>

**THE DR. AND MRS. DAVID  
"SCOTTY" HOLLAND SCHOOL  
OF  
SCIENCES AND MATHEMATICS**

**Dean**

Dr. Christopher McNair

The school is named for David and Jacque Holland of Houston, long-time friends and benefactors of Hardin-Simmons University. Dr. Holland, a noted geologist, attended Hardin-Simmons University and in 1999, he established the Holland School of Sciences and Mathematics through a generous endowment. The school offers courses and programs of study designed to provide a strong foundation of scientific education and research in several fields encompassing undergraduate, graduate, and professional training. The university foundational curriculum requirements in science can be achieved through a variety of offerings in astronomy, biology, chemistry, environmental science, geology, mathematics, physical science, physics and science education. The Holland School of Sciences and Mathematics offers undergraduate majors and minors in biochemistry and molecular biology, biology, chemistry, environmental science, geology, mathematics, physics and communication sciences and disorders. Graduate studies within the school provide for a master's degree in environmental management and the doctorate in physical therapy (DPT). The Graduate Catalog of Hardin-Simmons University provides a complete description of coursework leading to these degrees. The school offers specialized training in a variety of pre-professional programs and in specific major and minor fields appropriate to the following bachelor's degrees:

**Bachelor of Arts in:**

Biochemistry & Molecular Biology  
Biology  
Chemistry  
Environmental Science  
Geology  
Mathematics  
Communication Sciences and Disorders

**Bachelor of Behavioral Science in:**

Communication Sciences and Disorders  
Mathematics

**Bachelor of Science in:**

Biochemistry & Molecular Biology  
Biology  
Chemistry  
Physics  
Environmental Science  
Geology  
Mathematics

For specific requirements leading to these undergraduate degrees, please refer to the Academic Organization and Degrees section of this catalog and to each department within the Holland School of Sciences and Mathematics. For specific course requirements related to science teaching fields, please refer to the Irvin School of Education section of this catalog.

(See minors at the end of this chapter.)

**DEPARTMENT OF BIOLOGY**

<http://www.hsutx.edu/academics/holland/biology>

**Head of Department**

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**Faculty**

Candance Carroll, Ph.D., Assistant Professor  
Rick Hammer, Ph.D., Assistant Professor  
Andrea B. Jensen, Ph.D., Associate Professor  
Allan J. Landwer, Ph.D., Professor  
Christopher L. McNair, Ph.D., Professor  
Wendi Wolfram, M.S., Instructor

**Objectives** – The Department of Biology teaches courses in cellular and molecular biology, organismal biology, human biology, field biology, and ecology. Graduates of our program have succeeded in professional and graduate programs after earning their baccalaureate degree. Course sequences are designed to meet the educational needs of students interested in gaining admittance to professional programs in the medical sciences (e.g., medical, dental, physical/occupational therapy, veterinary schools); baccalaureate degree or certification programs in various allied health fields (e.g. nursing, medical technology, radiological technology); graduate programs in cellular, organismal, or field biology; or pursuing certification to teach at the elementary or secondary grade school levels.

**Bachelor of Arts**

The Biology **major** requires a minimum of 33 semester hours in biology. Courses required include: BIOL 1320, 1120, 1321, 1121, 2420, 3410, 3411, 4104, and 12 semester hours of biology at the advanced level, with at least 8 of those hours from courses offering a laboratory. Required supporting courses include: CHEM 1310, 1110, 1311, 1312, and 1111; PHYS 1310, 1110, 1311, and 1111; and six hours of mathematics selected from MATH 1310, 1311, 1312, 1420, or 1421. Students majoring in biology are required to take BIOL 2335 to fulfill the technological competency. Foreign language requirements and options for meeting minor degree requirements for the B.A. degree are discussed in page 35 of this catalog.

**Bachelor of Science**

The Biology **major** requires a minimum of 37 semester hours in biology. Courses required include: BIOL 1320, 1120, 1321, 1121, 2420, 3410, 3411, 4104, and 16 semester hours of biology at the advanced level, with at least 12 of those hours from courses offering a laboratory. Required supporting courses include: CHEM 1310, 1110, 1311, 1312, and 1111; PHYS 1310, 1110, 1311, and 1111; and six hours of mathematics selected from MATH 1310, 1311, 1312, 1420, or 1421. Students majoring in biology are required to take BIOL 2335 to fulfill the technological competency. Students pursuing the B.S. degree must minor in one of the following fields: biochemistry, chemistry, computer science, environmental science, geology, mathematics, or physics. Other requirements for the B.S. degree are discussed in page 37 of this catalog.

**Note:** Students majoring in biology and pursuing either a B.S. or B.A. degree must pass BIOL 1320 and 1321 with grades of "C" or better before registering for advanced courses in the biology curriculum. Exceptions to this rule will be considered on a case-by-case basis by the student's advisor and the biology department head.

A **minor** in Biology on the B.A. or B.S. requires BIOL 1320, 1120, 1321, 1121, 2420, 3410, 3411, and 3 semester hours of biology at the advanced level.

**Teacher Preparation Program** – Students seeking teacher certification in biology should refer to the Irvin School of Education section of this catalog for Texas Preparation requirements.

### Courses in Biology (BIOL)

1120 General Zoology Laboratory  
 1121 General Botany Laboratory  
 1301 Modern Concepts in Biology  
 1320 General Zoology  
 1321 General Botany  
 1401 Life Science  
 2099 (1-4 credits) Special Topics  
 2101 Introduction to Physical Therapy  
 2335 Computers in Science  
 2402 Human Anatomy and Physiology I  
 2403 Human Anatomy and Physiology II  
 2405 Public Health Microbiology  
 2410 Essentials of Human Anatomy and Physiology  
 2420 Introduction to Cell Biology  
 3099 (1-4 credits) Special Topics  
 3103 Forensic Science Laboratory  
 3302 Drugs and Society  
 3303 Topics in Forensic Science  
 3307 Nutrition  
 3308 Medical Terminology  
 3312 Statistical Methods  
 3313 Kinesiology  
 3410 General Ecology  
 3411 Genetics  
 3416 Advanced Vertebrate Biology  
 3417 General Physiology  
 3418 Advanced Human Anatomy  
 3420 General Microbiology  
 3421 Advanced Botany  
 3424 Cell Biology  
 4099 (1-4 credits) Special Topics  
 4104 Seminar in Biology  
 4140 General Entomology Laboratory  
 4330 Molecular Biology  
 4340 General Entomology  
 4402 Immunology  
 4411 Natural History of the Southwest  
 4422 Advanced Environmental Biology  
 4423 Human Histology  
 4455 Adaptation and Phylogeny

### BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERDISCIPLINARY MAJOR

#### Bachelor of Arts

The **major** in Biochemistry and Molecular Biology (BIMB) requires a minimum of 68 hours of science and mathematics. Courses required include: BIOL 1320, 1120, 2420, 4104 (or CHEM 4105) and 4330; CHEM 1310, 1110, 1311, 1111, 3401, 3402, 3411, 4310, 4311, and 4312; and at least two courses from BIOL 3411, 3402, 3424, and 4302. Additional requirements for the B.A. include: an additional 6 semester hours of biology at the advanced level; MATH 1310 and 1311; and PHYS 1310, 1110, 1311, 1111. Because this degree is interdisciplinary in nature, no minor is required.

#### Bachelor of Science

The **major** in Biochemistry and Molecular Biology (BIMB) requires a minimum of 73 hours of science and mathematics. Courses required include: BIOL 1320, 1120, 2420, 4104 (or CHEM 4105) and 4330; CHEM 1310, 1110, 1311, 1111, 3401, 3402, 3411, 4310, 4311, and 4312; and at least two courses from BIOL 3411, 3402, 3424, and 4402. Additional requirements for the B.S. include: an additional 8 semester hours of biology at the advanced level; CHEM 4301; MATH 1420 and 1421; and PHYS 1320, 1120, 1321, 1121. Because this degree is interdisciplinary in nature, no minor is required.

### B.A. BIOCHEMISTRY & MOLECULAR BIOLOGY (BIMB)

Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language) .....	14
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 or BIOL 2335 .....	3
<b>Total Core .....</b>	<b>56</b>
Major: Biochemistry (69 credits)	
CHEM 1310/1110 General Chemistry I .....	4
CHEM 1311/1111 General Chemistry II .....	4
MATH 1310 College Algebra .....	3
MATH 1311 Trigonometry .....	3
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
BIOL 1320/1120 General Zoology with Lab .....	4
BIOL 2420 Intro Cell Biology .....	4
BIOL 4330 Molecular Biology .....	3
CHEM 3401 Organic Chemistry I .....	4
CHEM 3402 Organic Chemistry II .....	4
CHEM 3411 Spectroscopy & Chromatog .....	4
CHEM 4310 Biochemistry I .....	3
CHEM 4311 Biochemistry II .....	3
CHEM 4312 Biochemical Techniques .....	3
BIOL 4104 or CHEM 4105 Seminar .....	1
Upper-level BIOL credits .....	6
Choose two from the following .....	8
BIOL 3411, 3420, 3424, or 4202	
<b>Major (no minor required) .....</b>	<b>69</b>
<b>Core .....</b>	<b>56</b>
<b>TOTAL .....</b>	<b>125</b>
Note: Must complete a minimum of 125 credits with a cumulative GPA of 2.0 or higher to graduate.	
42 upper-level credits (3000 and 4000-level) required.	
80 Chapel attendances and Writing Proficiency are required	

**B.S.  
BIOCHEMISTRY & MOLECULAR BIOLOGY  
(BIMB)**

Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 or BIOL2335 .....	3
<b>Total Core .....</b>	<b>42</b>
Major: Biochemistry & Molecular Biology (76 credits)	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
MATH 1420 Calculus I.....	4
MATH 1421 Calculus II .....	4
PHYS 1320/1120 Physics Scientists/Eng. I .....	4
PHYS 1321/1121 Physics Scientists/Eng.II.....	4
BIOL 1320/1120 General Zoology with Lab .....	4
BIOL 2420 Intro Cell Biology .....	4
BIOL 4330 Molecular Biology .....	3
CHEM 3401 Organic Chemistry I.....	4
CHEM 3402 Organic Chemistry II .....	4
CHEM 3411 Spectroscopy & Chromatog.....	4
CHEM 4310 Biochemistry I .....	3
CHEM 4311 Biochemistry II .....	3
CHEM 4312 Biochemical Techniques.....	3
BIOL 4104 or CHEM 4105 Seminar .....	1
CHEM 4301 Biophysical Chemistry.....	3
BIOL upper-level credits.....	8
Choose two from the following:.....	8
BIOL 3411,3420, 3424,or 4402	
<b>Major (no minor required) .....</b>	<b>76</b>
<b>Core.....</b>	<b>42</b>
<b>Electives .....</b>	<b>6</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper-level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency are required

**B.A.  
BIOLOGY  
(BIOL)**

Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature ...	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language).....	14
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
BIOL 2335 (see major)	
<b>Total Core .....</b>	<b>53</b>
Departmental Requirements (22 hrs)	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
6 Hours from: MATH 1310/1311/1312/1420/1421 .....	6
Major Biology (36 hrs)	
BIOL 1320/1120 General Zoology with Lab* .....	4
BIOL 1321/1121 General Botany with Lab* .....	4
BIOL 2335 Computers in Science.....	3
BIOL 2420 Intro Cell Biology .....	4
BIOL 3410 General Ecology.....	4
BIOL 3411 Genetics .....	4
BIOL 4104 Biology Seminar .....	1
BIOL upper-level credits.....	4
BIOL upper-level credits with lab.....	8
Minor (at least 18 credits)	
Minor.....	18
<b>Major/Minor.....</b>	<b>76</b>
<b>Core.....</b>	<b>53</b>
<b>TOTAL .....</b>	<b>129</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper-level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency are required

\* C or better grade

<b>B.S. BIOLOGY (BIOL)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature ...	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
BIOL 2335 (see major)	
<b>Total Core .....</b>	<b>39</b>
Departmental Requirements (22 hrs)	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
6 Hours from: MATH 1310/1311/1312/1420/1421 .....	6
Major: Biology (40 hrs)	
BIOL 1320/1120 General Zoology with Lab * .....	4
BIOL 1321/1121 General Botany with Lab* .....	4
BIOL 2335 Computers in Science .....	3
BIOL 2420 Intro Cell Biology .....	4
BIOL 3410 General Ecology .....	4
BIOL 3411 Genetics .....	4
BIOL 4104 Biology Seminar .....	1
Upper-level BIOL credits.....	4
12 BIOL upper-level credits (3 courses with labs).....	12
Minor - at least 18 credits (biochemistry, chemistry, physics, computer science, geology, mathematics, or environmental science)	
Minor .....	18
<b>Major/Minor .....</b>	<b>80</b>
<b>Core .....</b>	<b>39</b>
<b>Electives .....</b>	<b>5</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
42 upper-level credits (3000 and 4000-level) required.	
80 Chapel attendances and Writing Proficiency are required	
* C or better grade	

## DEPARTMENT OF CHEMISTRY AND PHYSICS

<http://www.hsutx.edu/academics/holland/chemistry>

### Head of Department

Kenny F. Stephens  
325-670-1500  
HSU Box 16170  
kstephens@hsutx.edu

### Faculty

Kent Chambers, Ph.D., Associate Professor  
Michelle M. Dose, Ph.D., Associate Professor  
Richard L. Garner, Ph.D., Senior Professor  
Kenny Stephens, Ph.D., Associate Professor

**Objectives** – The department offers the student the opportunity of gaining a broad-based foundation in the respective chemistry or physics disciplines. The department provides training in the application of chemical and physical principles to other fields and introduces the liberal arts student to a basic understanding of chemistry and physics. This course of study is designed to prepare the student for teaching, industrial work, and graduate education.

**Teacher Preparation Programs** - Students seeking teacher certification in Physical Science should refer to the Irvin School of Education section of this catalog for Texas certification requirements.

### Courses in Chemistry (CHEM)

1101 Essentials of Chemistry I Lab  
1102 Essentials of Chemistry II Lab  
1110 General Chemistry I Lab  
1111 General Chemistry II Lab  
1301 Essentials of Chemistry I  
1302 Essentials of Chemistry II  
1310 General Chemistry I  
1311 General Chemistry II  
2099 (1-4 credits) Special Topics  
3401, 3402 Organic Chemistry I, II  
3410 Quantitative Analysis and Electrochemistry  
3411 Spectroscopy and Chromatography  
4099 (1-4 credits) Selected Topics  
4105 Chemistry Seminar  
4120 Physical Chemistry I Laboratory  
4121 Physical Chemistry II Laboratory  
4140, 4240, 4340 Individual Research  
4301 Biophysical Chemistry  
4304 Advanced Inorganic Chemistry  
4310 Biochemistry I  
4311 Biochemistry II  
4312 Biochemical Techniques  
4320 Physical Chemistry I  
4321 Physical Chemistry II  
4405 Environmental Chemistry

### CHEMISTRY

#### Bachelor of Art

The Chemistry **major** requires a minimum of 33 semester hours of Chemistry. The following courses are required: 1310/1110, 1311/1111, 3401, 3402, 3410, 4105, and 12 additional advanced chemistry hours. A minor is recommended in a physical or life science, or mathematics. Required departmental supporting courses are MATH 1310 and 1311 or MATH 1420 and 1421, and PHYS 1310/1110 and 1311/1111.

#### Bachelor of Science

The Chemistry **major** requires a minimum of 41 semester hours of Chemistry. The required courses are: 1310/1110, 1311/1111, 3401, 3402, 3410, 3411, 4105, 4140, 4304, 4320,



4321, and six additional advanced chemistry hours. Supporting courses which must be included in the degree plan are MATH 1420, 1421, and PHYS 1320/1120, 1321/1121. The student preparing for graduate study in chemistry should take additional work in mathematics and physics.

A **minor** in Chemistry for the B.A. or B.S. degrees consists of CHEM 1310/1110, 1311/1111, 3401, 3402, 3410, and 4 advanced chemistry hours.

A **minor** in Biochemistry for the B.A. or B.S. degrees consists of CHEM 1310/1110, 1311/1111, 3401, 3402, 4310, 4311, and 4312.

## PHYSICS

### Bachelor of Science

The Physics **major** is available in a cooperative arrangement with Abilene Christian University. The Physics major requires students to take from HSU: PHYS 1320, 1120, 1321, 1121, 2410, 3320, 3340, 4310, and a total of three credits of 4090 and MATH 1420, 1421, 2320, 2321, and 3305. Students must also take the following courses at ACU: PHYS 360 (Electricity & Magnetism) and 335/336 (Introduction to Electronics and Lab). Ten additional hours of upper-level physics are also required to reach the minimum 40 semester hours in physics.

Students enrolled in this cooperative program may have the opportunity to participate in basic research, teaching of laboratories, and the Society of Physics Students at ACU. Students will also be eligible for the ACU chapter of the national physics honor society, Sigma Pi Sigma.

This minor, for B.B.S., B.A., or B.S., consists of 24 credits in physics from the courses: PHYS 1320/1120, 1321/1121, 2410, 3320, 3340, 4310 and 3 credits of 4090.

### Notes:

1. PHYS 1320/1120 and 1321/1121 should be taken by all physics majors during their freshman year.
2. MATH 1420 and 1421 should be taken in the freshman year by all physics majors.

### Courses in Physics (PHYS)

1099, 2099, 3099, 4099 Selected Topics  
 1110 General Physics I Lab  
 1111 General Physics II Lab  
 1120 Physics for Scientists and Engineers I Lab  
 1121 Physics for Scientists and Engineers II Lab  
 1310 General Physics I  
 1311 General Physics II  
 1320 Physics for Scientists and Engineers I  
 1321 Physics for Scientists and Engineers II  
 2405 Introduction to Speech Acoustics  
 2406 Introduction to Musical Acoustics  
 2410 Modern Physics  
 3320 Classical Dynamics  
 3330 Electromagnetism  
 3340 Statistical Physics and Thermodynamics  
 4090 Special Problems  
 4305 Mathematical Methods  
 4310 Quantum Mechanics

<b>B.A. CHEMISTRY (CHEM)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 (see major)	
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature ...	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language).....	14
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI.....	12
Technological Competency	
CSCI 1303 or BIOL 2335 .....	3
<b>Total Core .....</b>	<b>56</b>
Departmental Supporting Courses (14 credits)	
MATH 1310 or 1420.....	3
MATH 1311 or 1421.....	3
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
Major: Chemistry (33 credits)	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
CHEM 3401 Organic Chemistry I .....	4
CHEM 3402 Organic Chemistry II .....	4
CHEM 3410 Quantitative Analysis & Electrochemistry	4
CHEM 4105 Chemistry Seminar .....	1
CHEM upper-level credits .....	12
Minor (at least 18 credits)	
Minor .....	18
<b>Major/Minor.....</b>	<b>65</b>
Core.....	56
Elective .....	3
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper-level credits (3000 and 4000-level) required.	
Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

**B.S.  
CHEMISTRY  
(CHEM)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI.....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 or BIOL 2335 .....	3
<b>Total Core .....</b>	<b>42</b>
<b>Departmental Supporting Courses (16 credits)</b>	
MATH 1420 Calculus I.....	4
MATH 1421 Calculus II .....	4
PHYS 1320/1120 Physics for Sci/Eng I.....	4
PHYS 1321/1121 Physics for Sci/Eng II .....	4
<b>Major: Chemistry (41 credits)</b>	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
CHEM 3401 Organic Chemistry I .....	4
CHEM 3402 Organic Chemistry II .....	4
CHEM 3410 Quant. Analysis/Electrochemistry .....	4
CHEM 3411 Spectroscopy/Chromatography .....	4
CHEM 4105 Chemistry Seminar .....	1
CHEM 4140 Individual Research .....	1
CHEM 4304 Adv. Inorganic Chemistry.....	3
CHEM 4320 Physical Chemistry I.....	3
CHEM 4321 Physical Chemistry II .....	3
CHEM upper-level credits .....	6
<b>Minor - at least 18 credits</b> (Biology, Computer Science, Geology, Mathematics, Environmental Science or Physics)	
Minor .....	18
<b>Major/Minor.....</b>	<b>75</b>
<b>Core .....</b>	<b>42</b>
<b>Electives.....</b>	<b>7</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper-level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.S.  
PHYSICS  
(PHYS)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 or BIOL 2335.....	3
<b>Total Core.....</b>	<b>42</b>
<b>Departmental Requirements (25 credits)</b>	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II.....	4
MATH 1420, 1421, 2320 Calculus I, II and III.....	11
MATH 2321 Differential Equations.....	3
MATH 3305 Linear Algebra .....	3
<b>Major: Physics (40 credits)</b>	
PHYS 1320/1120 Phys for Sci/Engineers I.....	4
PHYS 1321/1121 Phys for Sci/Engineers II.....	4
PHYS 2410 Modern Physics .....	4
PHYS 3320 Classic Dynamics .....	3
PHYS 3340 Statistical Phys and Thermod .....	3
PHYS 4310 Quantum Mechanics.....	3
PHYS 4090 Special Problems (1,2,3,4 credits).....	3
PHYS 360 (ACU) Electricity & Magnetism .....	3
PHYS 335/336 (ACU) Electronics/Lab.....	3
PHYS upper-level credits.....	10
<b>Minor - at least 18 credits</b> (Biology, Chemistry, Computer Science, Geology, Mathematics, or Environmental Science)	
Minor.....	18
<b>Major/Minor .....</b>	<b>83</b>
<b>Core .....</b>	<b>42</b>
<b>TOTAL.....</b>	<b>125</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper-level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

## DEPARTMENT OF COMMUNICATION SCIENCES AND DISORDERS

<http://www.hsutx.edu/academics/holland/speechpathology>

### Head of Department

Carol F. Hill  
325-670-1552  
HSU Box 16095  
chill@hsutx.edu

### Faculty

John Ashby, Ph.D., Visiting Professor  
Carol F. Hill, Ph.D., CCC-SLP

**Objectives** - A major in Communication Sciences and Disorders provides an academically challenging pre-professional education in the field of speech-language-hearing pathology in an environment that encourages intellectual and spiritual growth in preparation for graduate school or for licensure as a Communication Sciences and Disorders Assistant. Support courses are provided in the fields of biology, physics, and psychology that are required for professional certification by the American Speech-Language-Hearing Association.

Students are encouraged to lead lives of service to individuals across the life span who have communication delays or disorders by providing clinical opportunities in a variety of assessment and treatment settings.

A student may elect Communication Sciences and Disorders as an academic major.

### Bachelor of Arts

The Communication Sciences and Disorders **major** requires a minimum of 46 credit hours. Courses required include: CSD 2351, 2352, 2356, 3351, 3352, 3353, 3354, 3358, 3359, 4352, 4353, 4354, 4459, plus 6 credits of advanced hour electives (excluding CSD 2350 and 3350). Required supporting courses include: BIOL 2402, MATH 1310 (or higher), PHYS 2405, PSYC 1301, 2300 or 3306, 3302, 3303, 3337. Foreign language requirements and options for meeting the minor requirements for the BA are discussed on page 35 of this catalog. A minor in Psychology or Sociology is recommended.

### Bachelor of Behavioral Science

The Communication Sciences and Disorders **major** requires a minimum of 46 credit hours. Courses required include: CSD 2351, 2352, 2356, 3351, 3352, 3353, 3354, 3358, 3359, 4352, 4353, 4354, 4459, plus 6 credits of advanced hour electives (excluding CSD 2350 and 3350). Required supporting courses include: BIOL 2402, MATH 1310 (or higher), PHYS 2405, PSYC 1301, 2300 or 3306, 3302, 3303, 3337. A minor in Psychology or Sociology is recommended.

**Note: To receive credit toward the major, a student must receive a grade of "C" or better in all CSD courses.**

**Pre-requisites for participation in clinical courses and internship/externship placement include a minimum overall GPA of 2.8; a minimum GPA of 3.0 in CSD courses; at least nine hours of required CSD courses must have been completed at Hardin-Simmons University; completion of specified coursework; specific site requirements (may include a background check and site orientation); submission of contract materials and proof of liability insurance; and permission of department chair.**

### Courses in Communication Sciences and Disorders (CSD)

2099 (1-4 credits) Special Topics  
2350 Sign Language I  
2351 Introduction to Speech-Language Pathology and Audiology  
2352 Normal Speech, Language, and Hearing  
2356 Anatomy, Physiology and Neurology of Speech and Language  
3350 Sign Language II  
3351 Clinical Phonetics  
3352 Audiology  
3353 Aural Rehabilitation  
3354 Articulation and Phonological Disorders  
3358 Neurogenic Speech-Language Disorders  
3359 Diagnostic and Treatment Methods for Speech-Language Disorders  
3360 History and Culture of Americans with Hearing Loss  
4099 (1-4 credits) Seminar in Speech, Language, or Hearing  
4340 Current Issues in Special Education  
4352 Language Disorders  
4353 Speech, Language, and Hearing Programs in Schools  
4354 Voice and Fluency Disorders  
4355 Development and Design of Therapeutic Resources  
4358 Augmentative & Alternative Communication Systems (AAC)

### Clinical Courses

4159, 4259, 4359, 4459 Observation of Clinical Procedures in Speech, Language, and/or Hearing Disorders  
4171 Clinical Procedures and Documentation  
4271 Clinical Internship  
4179, 4279, 4379, 4479 Advanced Clinical Procedures in Speech, Language, and/or Hearing Disorders

**NOTE:** Any behavior in opposition with Hardin-Simmons University standards or any violation of the Code of Ethics of the American Speech-Language-Hearing Association (ASHA) or the Texas State Board of Examiners for Communication Sciences and Disorders & Audiology may result in dismissal from clinical internship and/or a report being filed with the appropriate professional organization. A background check and drug screening may be required prior to participation in clinical activities.

<b>B.A. COMMUNICATION SCIENCES AND DISORDERS (CSD)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301/1302 Freshman Writing I and II .....	6
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1310 College Algebra (or higher) .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Foreign Language	
(one language) .....	14
Humanities	
***See list under HUMANITIES (Recommend CSD 3360 Hist/Cult Amer w/ Hear Loss) .....	3
Natural & Physical Sciences	
BIOL 2402 Human Anatomy/Physiology I .....	4
PHYS 2405 Intro to Acoustics .....	4
Social & Behavioral Sciences	
3 credits from ECON, HIST, POLS, SOCI .....	3
Technological Competency	
CSCI 1303 Intro. to Computer Applications .....	3
<b>Total Core .....</b>	<b>58</b>
Departmental Requirements (15 credits)	
PSYC 1301 Introduction to Psychology .....	3
PSYC 3303 Abnormal Psychology .....	3
PSYC 2300 Life Span Development or PSYC 3306 Child and Adolescent Psychology .....	3
PSYC 3337 Adult Dev. & Gerontology .....	3
PSYC 3302 Educational Psychology .....	3
*Major: Communication Sciences and Disorders (46 credits)	
CSD 2351 Intro to Speech-language & Audiology. ....	3
CSD 2352 Normal Speech, Language, Hear. ....	3
CSD 2356 A&P & Neurology of Speech .....	3
CSD 3351 Clinical Phonetics .....	3
CSD 3352 Audiology .....	3
CSD 3353 Aural Rehabilitation .....	3
CSD 3354 Artic. & Phonological Disorders .....	3
CSD 3358 Neurogenic S-L Disorders .....	3
CSD 3359 Diagnostic/Treatment Methods .....	3
CSD 4352 Language Disorders .....	3
CSD 4353 Sp. Lang. Hearing in Schools .....	3
CSD 4354 Voice and Fluency Disorders .....	3
CSD 4459 Observation .....	4
CSD upper-level credits .....	6
Minor - at least 18 credits	
Minor .....	18
<b>Major/Minor .....</b>	<b>79</b>
<b>Core .....</b>	<b>58</b>
<b>TOTAL .....</b>	<b>137</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper-level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required *Pre-requisites for beginning clinical internship in CSD include 2.80 GPA in all coursework, 3.00 GPA in CSD courses.	

<b>B.B.S. COMMUNICATION SCIENCES AND DISORDERS (CSD)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301/1302 Freshman Writing I and II .....	6
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1310 College Algebra (or higher) .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities	
***See list under HUMANITIES (Recommend CSD 3360 Hist/Cult Amer w/ Hear Loss) .....	3
Natural & Physical Sciences	
BIOL 2402 Human Anatomy/Physiology I .....	4
PHYS 2405 Intro to Acoustics .....	4
Social & Behavioral Sciences	
3 credits from ECON, HIST, POLS, SOCI .....	3
Technological Competency	
CSCI 1303 Intro. to Computer Applications .....	3
<b>Total Core .....</b>	<b>44</b>
Departmental Requirements (15 credits)	
PSYC 1301 Introduction to Psychology .....	3
PSYC 3303 Abnormal Psychology .....	3
PSYC 2300 Life Span Development or PSYC 3306 Child and Adolescent Psychology .....	3
PSYC 3337 Adult Dev. & Gerontology .....	3
PSYC 3302 Educational Psychology .....	3
*Major: Communication Sciences and Disorders (46 credits)	
CSD 2351 Intro to Speech-language & Audiology .....	3
CSD 2352 Normal Speech, Language, Hear. ....	3
CSD 2356 A&P & Neurology of Speech .....	3
CSD 3351 Clinical Phonetics .....	3
CSD 3352 Audiology .....	3
CSD 3353 Aural Rehabilitation .....	3
CSD 3354 Artic. & Phonological Disorders .....	3
CSD 3358 Neurogenic S-L Disorders .....	3
CSD 3359 Diagnostic/Treatment Methods .....	3
CSD 4352 Language Disorders .....	3
CSD 4353 Sp. Lang. Hearing in Schools .....	3
CSD 4354 Voice and Fluency Disorders .....	3
CSD 4459 Observation .....	4
CSD upper-level credits .....	6
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Minor .....</b>	<b>79</b>
<b>Core .....</b>	<b>44</b>
<b>Elective .....</b>	<b>1</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper-level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required *Pre-requisites for beginning clinical internship in CSD include 2.80 GPA in all coursework, 3.00 GPA in CSD courses.	

## DEPARTMENT OF GEOLOGICAL AND ENVIRONMENTAL SCIENCES

<http://www.hsutx.edu/academics/holland/geology>

### Head of Department

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### Faculty

Mark A. Ouimette, Ph.D., P.G., Professor  
Steve Rosscoe, Ph.D., Assistant Professor  
Marla Potess, Ph.D., Assistant professor

**Objectives** - The departmental goal is to provide the student of geological and environmental sciences with the opportunity to gain a broad foundation in the various geoscience disciplines and in environmental science. The department provides fundamental training for the career earth scientist and introduces a basic understanding of the geological and environmental sciences to the liberal arts student. The departmental program is designed to prepare the student for graduate school and professional work. The Bachelor of Science degree option for the Geology major is the best design to prepare the geology student for the required background needed to sit for the nationally administered ASBOG (Certified Professional Geologist) examination. A major in Geology must pass all required and elective Geology and supporting courses with grades of "C" or better in order for the Department Head to certify that a student has been offered the academic background needed to sit for the ASBOG examination. The ASBOG examination is rigorous. A student that anticipates sitting for the examination should work to earn the highest grades possible in all Geology and supporting courses. This may enable the student to have the best chances at passing this examination.

## GEOLOGY

### Bachelor of Arts

The Geology **major** requires a minimum of 38 semester credits (24 of which must be upper-level courses in Geology). Courses required include: GEOL 1303, 1103, 1411, 2410, 3311, 3405, 3410, 3411, 4144, 4410, 4312, and three or four credits of upper-division electives. Required supporting courses include: CHEM 1310, 1110, 1311, 1111, PHYS 1310, 1110, 1311, 1111 and a year of math (usually MATH 1310 and 1311) as designated by the advisor. Foreign language requirements and options for meeting the minor requirements for the BA are discussed on page 36 of this catalog.

### Bachelor of Science

The Geology **major** requires a minimum of 38 semester credits (24 of which must be upper-level courses in Geology). A Bachelor of Science degree is recommended for students interested in pursuing a graduate degree in Geology or to sit for the ASBOG examination. Courses required include GEOL 1303, 1103, 1411, 2410, 3311, 3405, 3410, 3411, 4144, 4410, 4312, and three credits of upper-division electives. Required supporting courses include: CHEM 1310, 1110, 1311, 1111, PHYS 1310, 1110, 1311, 1111; MATH 1420, 1421, and 3312. The minor in Environmental Science is recommended. The student also has the option of a minor in Biology, Chemistry, Computer Science, Environmental Science, or Mathematics.

A **minor** in Geology on the B.A. or B.S. requires GEOL 1303, 1103, 1411, 2410, 3411 and at least six semester credits of upper-level Geology electives. All students taking the Geology minor must pass GEOL 1303, 1103, 1411, and 2410 with grades of "C" or better before registering for upper-level courses in the Geology curriculum. All students taking Geology as their minor are required to take CHEM 1310 and

1110 before registering for GEOL 2410. Exception to this rule will be considered on a case-by-case basis by the Geology department head.

**Note:** Students choosing geology as a partial fulfillment of their General Education science requirement will take GEOL 1303, 1103, 2303, 2103, 3301, 3305, or ENVS 1311, **1113**.

Geology majors have a choice of options to this major. The department offers an Academic, Environmental and a Petroleum option. The Academic option appears above and any appropriate minor can be selected. The Environmental option requires the Environmental Science minor plus elective selected from CHEM 4405, GEOL 3310, 4315, or ENVS 4308 to fulfill the appropriate credits requirement for the major (or ENVS minor). The Petroleum option requires the GEOL electives to be taken from GEOL 4311 and 4317.

**Teacher Preparation Program** - Students seeking teacher certification in Physical Science or Science should refer to the Irvin School of Education section of this catalog for Texas certification requirements.

### Courses in Geological Sciences (GEOL)

1103 Physical Geology Laboratory  
1303 Physical Geology  
1411 Historical Geology  
2099 (1-4 credits) Special Topics  
2103 Natural Hazards Laboratory  
2301 Principles of Geography  
2303 Natural Hazards  
2410 Mineralogy  
3099 (1-4 credits) Special Problems  
3301 Oceanography  
3305 Volcanoes and Earthquakes  
3310 Geochemistry  
3311 Geospatial Analysis  
3405 Concepts in Paleontology  
3410 Structural Geology  
3411 Igneous/Metamorphic Petrology  
4099 (1-4 credits) Special Problems  
4144 Seminar  
4305 Geomorphology  
4311 Petroleum Geology  
4312 Geospatial Technology  
4315 Hydrology  
4317 Applied Petroleum Geology  
4410 Stratigraphy and Sedimentation

### Courses in Environmental Management (ENVM)

3312 Environmental Ethics  
4340 Environmental Laws and Regulations

## ENVIRONMENTAL SCIENCE

### Bachelor of Arts

The Environmental Science major requires a minimum of 34 upper-level semester credits of science. Courses required include: ENVS 4144, 4308, 4311 (or ENVM 5311), 4314, and 4099 (3 credits); BIOL 3410; CHEM 4405; ENVM 4340; GEOL 4315; and a minimum of seven upper-level elective credits from relevant science, mathematics, or Environmental Management courses. The Environmental Science major also requires 34 credits of foundation courses. Foundation course work required include: BIOL 1120, 1320, 1121, 1321; CHEM 1110, 1310, 1111, 1311; GEOL 1103, 1303; PHYS 1110, 1310, 1111, 1311; and MATH 1310, 1311. Foreign language requirements for the BA are discussed on page 35 this catalog.

**Bachelor of Science**

**The Environmental Science Major** requires a minimum of 48 upper-level semester credits of science. Courses required include: ENVS 4144, 4308, 4311 (or ENVM 5311), 4314, and 4099 (3 credits); BIOL 3410; CHEM 4405; ENVM 4340; GEOL 4315; MATH 3312 and a minimum of 18 elective credits from relevant science, mathematics, or Environmental Management courses approved by the advisor. The Environmental Science Major also requires 34 credits of foundation courses. Foundation course work required include: BIOL 1120, 1320, 1121, 1321, CHEM 1110, 1310, 1111, 1311; GEOL 1103, 1303; PHYS 1110, 1310, 1111, 1311; and MATH 1420, 1421.

**The Environmental Science Minor** is designed for the student seeking a B.S. or B.A. degree in Biology, Chemistry, or Geology with the emphasis on environmental-related course work. The interdisciplinary nature of the minor gives the student the holistic view required of an environmental scientist without compromising the strength of the major. All environmental science minors take ENVS 4144, 4311 (or ENVM 5311), ENVS 4308 or 4314, BIOL 1320/1120 or 1321/1121 and BIOL 3410, CHEM 4405 (except CHEM majors), and GEOL 1303, 1103, and 4315. In addition a student will take a minimum of three credits of upper-level biology, chemistry, environmental science, geology or environmental management elective (from outside the major) to complete the minor. However, GEOL 3301, 3305, PHSC 3301 or 3320 do not satisfy this requirement.

**Courses in Environmental Science (ENVS)**

1111 Introduction to Environmental Science Lab  
1311 Introduction to Environmental Science  
4099 (1-3 credits) Special Problems  
4144 Environmental Science Seminar  
4308 Water Resources Management  
4311 Environmental Science  
4314 Environmental Science Field Methods

**INTEGRATED SCIENCE (SCIE)**

(for Elementary Education Majors only)  
2410 Integrated Science I  
2411 Integrated Science II

**PHYSICAL SCIENCE**

**Objectives** - Physical Science courses are designed to give the student an understanding of the physical universe. **Note:** PHSC 3101, 3301 and 3320 can be used as partial fulfillment of the science requirement in the university core curriculum. However, they cannot be accepted if a course in physics is also to be counted in the core.

**Courses in Physical Science (PHSC)**

2099 (1-4 credits) Special Topics  
3099 (1-4 credits) Special Problems  
3101 Astronomy Lab  
3301 Astronomy  
3320 The Age of Dinosaurs

**B.A.  
ENVIRONMENTAL SCIENCE  
(ENVS)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language) .....	14
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
CSCI 1303 or BIOL 2335 .....	3
<b>Total Core .....</b>	<b>56</b>
<b>Departmental Requirements (34 credits)</b>	
BIOL 1320/1120 General Zoology with Lab .....	4
BIOL 1321/1121 General Botany with Lab .....	4
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
GEOL 1303/1103 Physical Geology.....	4
PHYS 1310/1110 General Physics I.....	4
PHYS 1311/1111 General Physics II.....	4
MATH 1310 College Algebra.....	3
MATH 1311 Trigonometry.....	3
<b>Major: Environmental Science (34 credits)</b>	
GEOL 4315 Hydrology.....	3
BIOL 3410 General Ecology .....	4
CHEM 4405 Environmental Chemistry.....	4
ENVM 4340 Environmental Laws/Regulations.....	3
ENVS 4144 Environmental Science Seminar .....	1
ENVS 4308 Water Resource Management .....	3
ENVS 4311 Environmental Science (or ENVM 5311).....	3
ENVS 4314 Environmental Sci. Field Methods .....	3
ENVS 4099 Special Topic .....	3
7 upper-level elective credits from: .....	7
Relevant Science, Mathematics, or Environmental Management	
<b>Major (no minor needed) .....</b>	<b>68</b>
<b>Core .....</b>	<b>56</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper-level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.S.  
ENVIRONMENTAL SCIENCE  
(ENVS)**

Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 or BIOL 2335 .....	3
<b>Total Core .....</b>	<b>42</b>
Departmental Requirements (36 credits)	
BIOL 1320/1120 General Zoology with Lab .....	4
BIOL 1321/1121 General Botany with Lab .....	4
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
GEOL 1303/1103 Physical Geology .....	4
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
MATH 1420 Calculus I.....	4
MATH 1421 Calculus II .....	4
Major: Environmental Science (48 credits)	
GEOL 4315 Hydrology.....	3
BIOL 3410 General Ecology.....	4
CHEM 4405 Environmental Chemistry .....	4
ENVM 4340 Environmental Laws/Regulations.....	3
ENVS 4144 Environmental Science Seminar .....	1
ENVS 4308 Water Resource Management .....	3
ENVS 4311 Environmental Science (or ENVM 5311).....	3
ENVS 4314 Environmental Sci. Field Methods.....	3
ENVS 4099 Special Topic .....	3
MATH 3312 Statistical Methods .....	3
18 elective credits (12 must be upper-level) from: .....	18
Relevant Science, Mathematics, or Environmental Management	
<b>Major (no minor needed) .....</b>	<b>84</b>
<b>Core.....</b>	<b>42</b>
<b>TOTAL .....</b>	<b>126</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper-level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency required

**B.A.  
GEOLOGY  
(GEOL)**

Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language).....	14
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 or BIOL 2335 .....	3
<b>Total Core .....</b>	<b>56</b>
Departmental Requirements (22 credits)	
CHEM 1310/1110 General Chemistry I .....	4
CHEM 1311/1111 General Chemistry II .....	4
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
MATH 1310 College Algebra.....	3
MATH 1311 Trigonometry .....	3
Major - Geology (38-39credits)	
GEOL 1303/1103 Intro to Geology .....	4
GEOL 1411 Historical Geology.....	4
GEOL 2410 Mineralogy/Petrology .....	4
GEOL 4144 Seminar.....	1
GEOL 3311 Geospatial Analysis .....	3
GEOL 3405 Invertebrate Paleontology .....	4
GEOL 3410 Structural Geology.....	4
GEOL 3411 Igneous & Metamorphic Petrology.....	4
GEOL 4410 Stratigraphy & Sedimentation .....	4
GEOL 4312 Geospatial Technology .....	3
GEOL upper-level elective .....	3 or 4
Minor - at least 18 credits (Biology, Chemistry, Computer Science, Mathematics, or Environmental Science)	
Minor .....	18
<b>Major/Minor.....</b>	<b>78/79</b>
<b>Core.....</b>	<b>56</b>
<b>TOTAL .....</b>	<b>134/135</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

42 upper-level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency required

<b>B.S. GEOLOGY (GEOL)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Literature.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities).....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI 1303 or BIOL 2335 .....	3
<b>Total Core .....</b>	<b>42</b>
Departmental Requirements (27 credits)	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II.....	4
PHYS 1310/1110 General Physics I.....	4
PHYS 1311/1111 General Physics II .....	4
MATH 1420 Calculus I.....	4
MATH 1421 Calculus II .....	4
MATH or BIOL 3312 Statistical Methods .....	3
Major - Geology (38 credits)	
GEOL 1303/1103 Intro to Geology.....	4
GEOL 1411 Historical Geology .....	4
GEOL 2410 Mineralogy/Petrology .....	4
GEOL 3311 Geospatial Analysis .....	3
GEOL 3405 Invertebrate Paleontology .....	4
GEOL 3410 Structural Geology.....	4
GEOL 3411 Igneous & Metamorphic Petrology.....	4
GEOL 4410 Stratigraphy & Sedimentation.....	4
GEOL 4144 Seminar .....	1
GEOL 4312 Geospatial Technology .....	3
GEOL upper-level elective.....	3
Minor - at least 18 credits (Biology, Chemistry, Computer Science, Mathematics, or Environmental Science)	
Minor .....	18
<b>Major/Minor.....</b>	<b>83</b>
<b>Core.....</b>	<b>42</b>
<b>TOTAL .....</b>	<b>125</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
42 upper-level credits (3000 and 4000-level) required.	
80 Chapel attendances and Writing Proficiency required	



**DEPARTMENT OF MATHEMATICS**<http://www.hsutx.edu/academics/holland/mathematics>**Head of Department**

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**Faculty**

Kenneth Davis, Ph.D., Associate Professor  
 Patrick Miller, D.Sc., Professor  
 Jonathan Mitchell, Ph.D., Assistant Professor  
 Andrew Jay Potter, Ph.D., Professor

**Objectives** - The department offers programs leading to Bachelor of Arts, Bachelor of Behavioral Science, and Bachelor of Science degrees.

Students are encouraged to learn by doing mathematics. Appropriate attention is given to theory and experience is provided in a variety of interesting applications. Computers and the science of computing play important roles in the programs in the department. Mathematics preparation is provided to help the student take advantage of career opportunities in business, government, and education. Prerequisites for upper-level study in mathematics at the graduate level are also included in the department's programs.

A student who graduates with a major in mathematics will (1) have the knowledge and skill to set up and solve problems; (2) be able to use computers in support of mathematics problem-solving; (3) be able to communicate clearly, both orally and in writing, mathematical ideas and results; and (4) have an appreciation for the place of mathematics in culture.

Students who plan to become professional mathematicians or who plan to use mathematics in a career other than teaching should choose a program in either the Bachelor of Arts or Bachelor of Science degree. If the student has a special interest in computer science or one of the natural sciences, the Bachelor of Science degree program should be selected. Students who plan to become secondary or middle school mathematics teachers should choose the program in the Bachelor of Behavioral Science degree.

Technological Competency is satisfied by CSCI 1320, which is required for every mathematics major.

**Notes:**

1. Students who major or minor in mathematics should begin with MATH 1420, Calculus I, unless deficient in mathematics preparation.
2. Qualified students are encouraged to earn credit by examination. See "Credit by Examination" on page 23.
3. Courses designed to fulfill degree requirements should be carefully selected in consultation with the department and the student's advisor.
4. MATH 0300, Introductory Algebra, is the course a student should take in preparation for MATH 1310, College Algebra, if the ACT math score is below 18 (SAT math score below 460).
5. Students are encouraged to use calculators, graphing calculators, and computers.

**Teacher Preparation Program** - Students seeking teacher certification in Mathematics should refer to the Irvin School of Education section of this catalog for Texas certification requirements. All students seeking certification must have the written consent of the head of the department of Mathematics to be eligible to receive a bar code from the Dean of the Irvin School of Education to take the TExES.

**Courses in Mathematics (MATH)**

0300 Introductory Algebra  
 1301 Aspects of Modern Mathematics  
 1310 College Algebra  
 1311 Trigonometry  
 1312 Precalculus for Science Majors  
 1315 Discrete Mathematical Structures  
 1420 Calculus I  
 1421 Calculus II  
 2305 Mathematics Education I  
 2306 Mathematics Education II  
 2320 Calculus III  
 2321 Differential Equations  
 3302 Topics for the Mathematics Teacher  
 3305 Linear Algebra  
 3310 Computer Applications in Mathematics  
 3312 Statistical Methods  
 3315 Mathematical Structures  
 3320 Abstract Algebra  
 3350 Special Topics in Mathematics  
 4301 College Geometry  
 4310 Numerical Analysis  
 4320 Introduction to Analysis  
 4340 Senior Project  
 4350 Seminar in Mathematics

**Pre-Graduate Software Engineering and Computer Science**

- Students desiring to enroll in graduate programs in software engineering or computer science are strongly encouraged to major in computer science and minor in mathematics; major in mathematics and minor in computer science; or double major in mathematics and computer science. Alternatively, students may major in any science and take the following courses: MATH 1420, 1421, 2320, 3305, 3310, 3315; CSCI 1320, 2320, 3320, 3323.

<b>B.A. MATHEMATICS (MATH)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication.....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
(one language) .....	14
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hour lab .....	4
Other Science.....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI.....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI (See Departmental Requirements)	
<b>Total Core .....</b>	<b>60</b>
Departmental Requirements (6 credits)	
*ENGL 230X World, Engl, or American Literature .....	3
CSCI 1320 Program Design and Dev. I.....	3
Major: Mathematics (35 credits)	
MATH 1420 Calculus I .....	4
MATH 1421 Calculus II.....	4
MATH 2320 Calculus III.....	3
MATH 2321 Differential Equations .....	3
MATH 3305 Linear Algebra .....	3
MATH 3310 Computer App. in Math .....	3
MATH 3315 Mathematical Structures.....	3
MATH 3320 Abstract Algebra .....	3
MATH 4320 Introduction to Analysis .....	3
MATH 4340 Senior Project.....	3
Upper-level MATH course (not MATH 3312).....	3
Minor - at least 18 credits	
Minor .....	18
<b>Major/Minor .....</b>	<b>59</b>
<b>Core .....</b>	<b>60</b>
<b>Electives .....</b>	<b>5</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
42 upper-level credits (3000 and 4000-level) required.	
80 Chapel attendances and Writing Proficiency required	
* Different Literature course than in Foundation Curriculum	

<b>B.S. MATHEMATICS (MATH)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication.....	3
Quantitative Reasoning	
MATH (see major)	
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
CSCI (See Departmental Requirements)	
<b>Total Core .....</b>	<b>39</b>
Departmental Requirements (14 credits)	
PHYS 1320/1120 Physics for Scien./Engin. I.....	4
PHYS 1321/1121 Physics for Scien./Engin. II .....	4
3 credits from any science.....	3
CSCI 1320 Program Design and Dev. I.....	3
Major Courses (35 credits)	
MATH 1420 Calculus I .....	4
MATH 1421 Calculus II.....	4
MATH 2320 Calculus III.....	3
MATH 2321 Differential Equations .....	3
MATH 3305 Linear Algebra .....	3
MATH 3310 Computer App. in Math.....	3
MATH 3315 Mathematical Structures.....	3
MATH 3320 Abstract Algebra .....	3
MATH 4320 Introduction to Analysis .....	3
MATH 4340 Senior Project.....	3
Upper-level MATH course (not MATH 3312).....	3
Minor - at least 18 credits (from BIOL, BIOC, CHEM, ENVS, CSCI, GEOL, PHYS)	
Minor .....	18
<b>Major/Minor .....</b>	<b>67</b>
<b>Core .....</b>	<b>39</b>
<b>Electives .....</b>	<b>18</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
42 upper-level credits (3000 and 4000-level) required.	
80 Chapel attendances and Writing Proficiency required	

**B.A., B.S.  
MINOR: BIOCHEMISTRY  
(BIOC)**

Credits

## Minor: Biochemistry (25 credits)

CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
CHEM 3401 Organic Chemistry I .....	4
CHEM 3402 Organic Chemistry II .....	4
CHEM 4310 Biochemistry I .....	3
CHEM 4311 Biochemistry II .....	3
CHEM 4312 Biochemical Techniques.....	3
<b>TOTAL .....</b>	<b>25</b>

**B.A., B.B.S., B.S.  
MINOR: BIOLOGY  
(BIOL)**

Credits

## Minor: Biology (23 credits)

BIOL 1320/1120 General Zoology with Lab*.....	4
BIOL 1321/1121 General Botany with Lab*.....	4
BIOL 2420 Intro Cell Biology.....	4
BIOL 3410 General Ecology.....	4
BIOL 3411 Genetics.....	4
BIOL upper-level credits.....	3
<b>TOTAL.....</b>	<b>23</b>

\*C or better

**B.A., B.S.  
MINOR: CHEMISTRY  
(CHEM)**

Credits

## Minor: Chemistry (24 credits)

CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
CHEM 3401 Organic Chemistry I .....	4
CHEM 3402 Organic Chemistry II .....	4
CHEM 3410 Quant. Analysis/Electrochemistry .....	4
CHEM upper-level credits .....	4
<b>TOTAL .....</b>	<b>24</b>

**B.A., B.S.  
MINOR: ENVIRONMENTAL SCIENCE  
(ENVS)**

Credits

## Minor: Environmental Science (29 credits)

BIOL 1320/1120 Zoology with Lab or	
BIOL 1321/1121 General Botany with Lab .....	4
BIOL 3410 General Ecology .....	4
CHEM 4405 Environmental Chemistry* .....	4
ENVS 4144 Environmental Science Seminar .....	1
ENVS 4308 Water Resources Management or	
ENVS 4314 Environmental Science Field Exper.....	3
ENVS 4311 Environmental Science(or ENVM 5311).....	3
GEOL 1303/1103 Physical Geology.....	4
GEOL 4315 Hydrogeology .....	3
**Upper-level credits from	
BIOL, CHEM, ENVS, GEOL, ENVM (outside major).....	3
<b>TOTAL .....</b>	<b>29</b>

Notes:\*Not required for CHEM majors.

\*\*GEOL 3301, 3305; PHSC 3301 or 3320 do NOT satisfy this requirement.

**B.A., B.S.  
MINOR: GEOLOGY  
(GEOL)**

Credits

## Minor: Geology (22 credits)

*GEOL 1303/1103 Intro to Geology .....	4
*GEOL 1411 Historical Geology .....	4
*GEOL 2410 Mineralogy/Petrology**.....	4
GEOL 3411 Igneous & Metamorphic Petrology .....	4
GEOL upper-level elective .....	3
GEOL upper-level elective .....	3
<b>TOTAL .....</b>	<b>22</b>

\* Grade of C or better before registering for upper-level geology courses.

\*\*CHEM 1310/1110 required before taking GEOL 2410

**B.B.S.  
MINOR: MATHEMATICS  
(MATH)**

Credits

## Minor: Biochemistry (23 credits)

MATH 1420 Calculus I.....	4
MATH 1421 Calculus II .....	4
MATH 3305 Linear Algebra .....	3
MATH 3310 Computer App. in Math .....	3
MATH 3312 Statistical Methods.....	3
MATH upper-level elective.....	3
CSCI 1320 Program Design and Dev. I.....	3
<b>TOTAL.....</b>	<b>23</b>

**B.A., B.S.  
MINOR: MATHEMATICS  
(MATH)**

Credits

## Minor: Mathematics (26 credits)

MATH 1420 Calculus I.....	4
MATH 1421 Calculus II .....	4
MATH 2320 Calculus III.....	3
MATH 2321 Differential Equations .....	3
MATH 3305 Linear Algebra .....	3
MATH 3310 Computer App. in Math .....	3
Advanced MATH course (not MATH 3312).....	3
CSCI 1320 Program Design and Dev. I.....	3
<b>TOTAL.....</b>	<b>26</b>

**B.A., B.B.S., B.S.  
MINOR: PHYSICS  
(PHYS)**

Credits

## Minor: Physics (24 credits)

PHYS 1320/1120 Phys for Sci/Engineers I .....	4
PHYS 1321/1121 Phys for Sci/Engineers II .....	4
PHYS 2410 Modern Physics .....	4
PHYS 3320 Classical Dynamics.....	3
PHYS 3340 Statistical Physics and Thermod .....	3
PHYS 4310 Quantum Mechanics .....	3
PHYS 4090 Special Problems (1,2,3,4 hrs).....	3
<b>TOTAL .....</b>	<b>24</b>

## KELLEY COLLEGE OF BUSINESS

### Dean

Michael L. Monhollon

### FACULTY

Shaylee J. Burling, M.B.A., C.P.A., Associate Professor of Accounting

William C. Curtis, M.B.A., Associate Professor of Finance and Economics

John N. Davis, Ph.D., Associate Professor of Management

Fei Gao, Ph.D., Assistant Professor of Finance

John A. Hill, Ph.D., Professor of Economics

Nancy E. Kucinski, Ph.D., Professor of Management

Jodie W. McGaughey, M.A., C.P.A., Assistant Professor of Accounting

R. Douglas McIntyre, Ph.D., Associate Professor of Business Administration

Michael L. Monhollon, J.D., Professor of Business Law

Jennifer H. Plantier, Ph.D., Associate Professor of Marketing

Terry W. Sergeant, Ph.D., Professor of Computer Science

Edward R. Sim, Ph.D., Associate Professor of Computer Science

Christopher R. Thibault, M.S., Associate Professor of Computer Science

Charles Walts, D.B.A., C.P.A., Associate Professor of Accounting and Finance

Thomas Wier, Ph.D., Associate Professor of Economics

The college of business is named for Doyle Kelley and Inez Tucker Kelley, who helped to secure the future of business education at Hardin-Simmons with a generous gift made in honor of their parents. Doyle and Inez Kelley met while students at HSU, which Doyle attended on a scholarship for the Cowboy Band.

**Objectives** - The Kelley College of Business will supply a noticeably Christian environment in which undergraduate business students will learn how to build a life of meaning within the context of a business career, acquiring the skills necessary to find a job, to run a successful business, and to accumulate wealth.

In furtherance of its mission, the Kelley College of Business will equip its students to:

1. Understand the function of private industry in the national and world economies.
2. Understand the various business functions, how they interact, and how they contribute to organizational objectives.
3. Integrate legal, ethical, and personal considerations into business decision-making.
4. Work effectively as a team-member and as a team-leader for projects, functional divisions of a company, and an entire organization.
5. Understand how data is collected, reported, and analyzed to manage organizations and make better business decisions.
6. Communicate analyses, results, decisions, and recommendations.
7. Identify business opportunities, and learn how to raise and manage the capital to finance them.
8. Market themselves as well as their organization, its mission, and its products or services.
9. Build a satisfying career and grow toward financial independence.

**Areas of Study** - The HSU Kelley College of Business offers undergraduate majors in Accounting, Computer Science, Economics, Finance, Information Systems, Management, Marketing, Nonprofit Management, and Public Administration.

It offers minors in Business Administration, Computer Science, Economics, Management, and Marketing.

### BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Majors are available in the fields of Accounting, Economics, Finance, Information Systems, Management, Marketing, Nonprofit Management, and Public Administration. Students seeking the Bachelor of Business Administration (B.B.A.) degree must complete a minimum of 124 semester credits.

Students who plan to sit for the **Uniform Certified Public Accountant Examination** need more credits in accounting than those required by the major. The Texas State Board of Public Accounting (TSBPA) requires 30 accounting credits beyond Principles of Accounting I and II. These 30 credits can be satisfied by taking the following courses: ACCT 3311, 3312, 3313, 3315, 3320, 4311, 4316, 4317, 4319, and 4321. In addition to the TSBPA course requirements, TSBPA also requires a minimum of 150 semester credits from an accredited institution. Thus, a student planning to sit for the CPA exam will have to take 26 credits beyond the 124 credits required for the B.B.A. degree. Students may want to consider the joint B.B.A.-M.B.A. program to meet the additional credit requirement.

### DEGREES IN COMPUTER SCIENCE AND ECONOMICS

Computer Science offers a major for the Bachelor of Science (B.S.), Bachelor of Behavioral Science (B.B.S.), and Bachelor of Arts (B.A.) degrees. In addition to the B.B.A. degree, Economics offers a major for the Bachelor of Science (B.S.), Bachelor of Behavioral Science (B.B.S.), and Bachelor of Arts (B.A.) degrees.

### NON-BUSINESS MINORS FOR THE B.B.A. DEGREE

Students seeking the Bachelor of Business Administration (B.B.A.) degree may take a minor outside the HSU Kelley College of Business. This minor is not required as a part of the B.B.A. degree, and credit hours beyond the 124 minimum may be needed to complete the minor. A minor in Computer Science is available for the B.B.A. degree. There are special requirements for the Leadership Minor on the B.B.A. degree, detailed in the Leadership section of the catalog.

### BUSINESS MINORS FOR NON-B.B.A. DEGREES

Minors are available for the B.A. and B.B.S. degrees in Business Administration, Computer Science, Economics, Management, and Marketing. Minors are available for the B.S. degree in Computer Science and Economics. A minor in Computer Science is available for the B.B.A. degree.

### TEACHER PREPARATION PROGRAM

Students seeking teacher certification in Business and Finance Education should refer to the Irvin School of Education section of this catalog for Texas certification requirements.

### ACCOUNTING

#### Courses in Accounting (ACCT)

- 2311 Principles of Accounting I
- 2312 Principles of Accounting II
- 3099, 4099 (1-4 credits) Special Topics
- 3311 Intermediate Accounting I
- 3312 Intermediate Accounting II
- 3313 Cost Accounting
- 3315 Individual Income Tax
- 3320 Accounting Systems
- 4311 Auditing/Professional Responsibility
- 4316 Corporate & Partnership Income Tax
- 4317 Advanced Accounting
- 4319 Accounting Research & Analysis
- 4321 Governmental and Nonprofit Entities

### BUSINESS ADMINISTRATION

#### Courses in Business Administration (BSAD)

- 1310 Personal Finance
- 2099, 3099, 4099 (1-4 credits) Special Topics

2302 Business Statistics  
 2304 Quantitative Business Analysis  
 3302 Business Communication  
 3303 Business Law I  
 3304 Business Law II  
 3305 Business Ethics  
 3330 Introduction to International Business  
 3341 Databases and Websites  
 3367 Management Information Systems  
 4100 Internship  
 4200 Internship  
 4300 Internship  
 4307 Business Policy  
 4350 Copyright and Intellectual Property Law  
 4352 Business Institutions in New York  
 4355 International Travel Course in Business

### **COMPUTER SCIENCE & INFORMATION SYSTEMS**

#### **Courses in Computer Science (CSCI)**

Most courses in Computer Science require work in the Computer Laboratory in addition to the regularly scheduled classes. The laboratory operates on an open access basis and students may do their work any time the lab is open.

1303 Introduction to Computer Applications  
 1320 Program Design and Development I  
 2320 Program Design and Development II  
 3099, 4099 (1-4 credits) Special Topics  
 3320 Assembly Language & Computer Organization  
 3323 Computer Data Structures  
 3324 Networking  
 3327 Operating Systems  
 3329 Information Systems Security Assurance  
 3332 Introduction to Computer Forensics  
 3333 Graphical User Interface Programming  
 3350 Web Technologies I  
 4320 Database Systems  
 4322 Information Systems Analysis & Design  
 4331 Computer Graphics  
 4332 Artificial Intelligence  
 4350 Web Technologies II  
 4355 Senior Project  
 4371 Internship in Computer Science

### **ECONOMICS**

#### **Courses in Economics (ECON)**

1099, 2099, 3099, 4099 (1-4 credits) Special Topics  
 2330 Introduction to Economics  
 2332 Principles of Microeconomics  
 2333 Principles of Macroeconomics  
 3301 Intermediate Microeconomic Theory  
 3302 Intermediate Macroeconomic Theory  
 3332 International Trade  
 3333 International Finance  
 3335 Law and Economics  
 3337 Urban and Regional Economics  
 3338 History of Economic Thought  
 3344 Money and Banking  
 3346 Labor Economics  
 4336 Public Finance  
 4337 Econometrics

### **FINANCE**

#### **Courses in Finance (FINA)**

3099, 4099 (1-4 credits) Special Topics  
 3333 International Finance  
 3341 Principles of Financial Management  
 3342 Capital Markets  
 3344 Money and Banking  
 4341 Investments  
 4342 Case Studies in Finance  
 4343 Commercial Bank Management  
 4344 Workshop in Finance  
 4351 Advanced Investments  
 4353 Corporate Finance

### **MANAGEMENT**

#### **Courses in Management (MGMT)**

3099, 4099 (1-4 credits) Special Topics  
 3351 Introduction to Management  
 3354 Organizational Behavior  
 3371 Nonprofit Management  
 3375 Management Research  
 4350 Management Theory and Practice  
 4351 Entrepreneurial Management  
 4352 Human Resource Management  
 4353 Law of Human Resource Management  
 4354 Business Leadership  
 4357 Operations Management  
 4367 Advanced Organizational Theory  
 4375 International Management

### **MARKETING**

#### **Courses in Marketing (MKTG)**

3099, 4099 (1-4 credits) Special Topics  
 3361 Principles of Marketing  
 3362 Retailing  
 3363 Consumer Behavior  
 3364 Personal Selling  
 3366 Distribution  
 3367 E-Commerce  
 3371 Nonprofit Marketing  
 3372 Real Estate Marketing  
 3374 Sports Marketing  
 3380 Integrated Marketing Communication  
 4361 Promotion  
 4362 Marketing Research  
 4365 International Marketing  
 4366 Marketing Management

**B.B.A.  
ACCOUNTING  
(ACCT)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1320 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC.....	1
FSSC.....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab.....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
3 hrs from: HIST, PSYC, POLS or SOCI.....	3
<b>Technological Competency</b>	
See major	
<b>Total Core.....</b>	<b>49</b>
<b>Business Core Courses (39 credits)</b>	
BSAD 1310 Personal Finance.....	3
BSAD 2302 Business Statistics.....	3
BSAD 2304 Quantitative Business Analysis.....	3
BSAD 3302 Business Communication.....	3
BSAD 3303 Business Law I.....	3
BSAD 3305 Business Ethics.....	3
BSAD 3367 Mgt Information Systems.....	3
BSAD 4307 Business Policy.....	3
ACCT 2311, 2312 Principles of Accounting I & II.....	6
FINA 3341 Principles of Financial Mgmt.....	3
MGMT 3351 Intro to Management.....	3
MKTG 3361 Principles of Marketing.....	3
<b>Major - Accounting (24 credits)</b>	
ACCT 3311, 3312 Intermediate Accounting I & II.....	6
ACCT 3313 Cost Accounting.....	3
ACCT 3320 Accounting Systems.....	3
ACCT upper level credits.....	6
Business upper level credits(must include 1-3 credit Internship)6	
<b>Major.....</b>	<b>63</b>
<b>Core.....</b>	<b>49</b>
Electives.....	12
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

**B.A.  
COMPUTER SCIENCE  
(CSCI)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1315 Discrete Math Structures.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC.....	1
FSSC.....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language).....	14
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab.....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI.....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
See major	
<b>Total Core.....</b>	<b>63</b>
<b>Major: Computer Science (36 credits)</b>	
CSCI 1320 Program Design I.....	3
CSCI 2320 Program Design II.....	3
CSCI 3320 Assembly Lang & Organization.....	3
CSCI 3323 Computer Data Structures.....	3
CSCI 3324 Networking.....	3
CSCI 3327 Operating Systems.....	3
CSCI 3333 Graphical User Interface.....	3
CSCI 4320 Database Systems.....	3
CSCI 4322 Info Systems Analysis & Design.....	3
CSCI 4355 Senior Project.....	3
CSCI upper level credits.....	6
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Minor.....</b>	<b>54</b>
<b>Core.....</b>	<b>63</b>
Electives.....	7
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

<b>B.S. COMPUTER SCIENCE (CSCI)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1420 Calculus I.....	4
MATH 1421 Calculus II.....	4
MATH 3305 Linear Algebra.....	3
MATH 3315 Mathematical Structures .....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X 2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities).....	3
Natural & Physical Sciences	
PHYS 1320/1120 Physics for Scientists & Engineers I.....	4
PHYS 1321/1121 Physics for Scientists & Engineers II.....	4
8 hrs Science from:	
BIOL 1320, 1120, 1321, & 1121; CHEM 1310, 1110, 1311 & 1111; OR GEOL 1303, 1103 & 1411. ....	8
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
See major	
<b>Total Core .....</b>	<b>69</b>
Major: Computer Science (36 credits)	
CSCI 1320 Program Design I.....	3
CSCI 2320 Program Design II.....	3
CSCI 3320 Assembly Lang & Organization .....	3
CSCI 3323 Computer Data Structures.....	3
CSCI 3324 Networking .....	3
CSCI 3327 Operating Systems .....	3
CSCI 3333 Graphical User Interface .....	3
CSCI 4320 Database Systems .....	3
CSCI 4322 Info Systems Analysis & Design .....	3
CSCI 4355 Senior Project .....	3
CSCI upper level credits.....	6
Minor - at least 18 credits (biochemistry, chemistry, physics, geology, mathematics, or environmental science)	
Minor.....	18
<b>Major/Minor.....</b>	<b>54</b>
<b>Core.....</b>	<b>69</b>
<b>Electives .....</b>	<b>1</b>
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

<b>B.B.S. COMPUTER SCIENCE (CSCI)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1315 Discrete Math Structures.....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities).....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	18
(at least two fields with six credits in same field)	
Technological Competency	
See major	
<b>Total Core.....</b>	<b>55</b>
Major: Computer Science (36 credits)	
CSCI 1320 Program Design I.....	3
CSCI 2320 Program Design II.....	3
CSCI 3320 Assembly Lang & Organization .....	3
CSCI 3323 Computer Data Structures.....	3
CSCI 3324 Networking .....	3
CSCI 3327 Operating Systems .....	3
CSCI 3333 Graphical User Interface .....	3
CSCI 4320 Database Systems .....	3
CSCI 4322 Info Systems Analysis & Design .....	3
CSCI 4355 Senior Project.....	3
CSCI upper level credits.....	6
Minor (minimum 18 credits)	
Minor.....	18
<b>Major/Minor.....</b>	<b>54</b>
<b>Core.....</b>	<b>55</b>
<b>Electives .....</b>	<b>15</b>
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

<b>B.A. ECONOMICS (ECON)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1420 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC .....	1
FSSC .....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
(one language) .....	14
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
PSYC, POLS, or SOCI .....	3
<b>Technological Competency</b>	
CSCI 1303 or 3332 Computer Science .....	3
<b>Total Core</b> .....	<b>57</b>
<b>Major: Economics (30 credits)</b>	
HIST 1302 U S History since 1876 .....	3
ECON 2330 Intro to Economics .....	3
ECON 2332 Principles of Microeconomics .....	3
ECON 2333 Principles of Macroeconomics .....	3
ECON 3301 Inter Microeconomic Theory .....	3
ECON 3302 Inter Macroeconomic Theory .....	3
ECON 4337 Econometrics .....	3
ECON upper level electives .....	9
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor</b> .....	<b>48</b>
<b>Core</b> .....	<b>57</b>
<b>Electives</b> .....	<b>19</b>
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
Chapel 80 attendances required  
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

<b>B.B.A. ECONOMICS (ECON)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1420 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC .....	1
FSSC .....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON 2330 Intro to Economics .....	3
ECON 2332 Principles of Microeconomics .....	3
ECON 2333 Principles of Macroeconomics .....	3
3 hrs from: HIST, PSYC, POLS or SOCI .....	3
<b>Technological Competency</b>	
See major	
<b>Total Core</b> .....	<b>49</b>
<b>Business Core Courses (39 credits)</b>	
BSAD 1310 Personal Finance .....	3
BSAD 2302 Business Statistics .....	3
BSAD 2304 Quantitative Business Analysis .....	3
BSAD 3302 Business Communication .....	3
BSAD 3303 Business Law I .....	3
BSAD 3305 Business Ethics .....	3
BSAD 3367 Mgt Information Systems .....	3
BSAD 4307 Business Policy .....	3
ACCT 2311, 2312 Principles of Accounting I & II .....	6
FINA 3341 Principles of Financial Mgmt .....	3
MGMT 3351 Intro to Management .....	3
MKTG 3361 Principles of Marketing .....	3
<b>Major: Economics (24 credits)</b>	
ECON 3301 Inter Microeconomic Theory .....	3
ECON 3302 Inter Macroeconomic Theory .....	3
ECON 4337 Econometrics .....	3
ECON upper level electives .....	9
Busi. upper level credits (must include 1-3 credit Internship) ..	6
<b>Major</b> .....	<b>63</b>
<b>Core</b> .....	<b>49</b>
<b>Electives</b> .....	<b>12</b>
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
Chapel 80 attendances required  
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302



<b>B.B.S. ECONOMICS (ECON)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1310, 1420 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
PSYC, POLS, or SOCI .....	3
Technological Competency	
CSCI 1303 or 3332 Computer Science .....	3
<b>Total Core .....</b>	<b>43</b>
Major: Economics (30 credits)	
HIST 1302 U S History since 1876 .....	3
ECON 2330 Intro to Economics .....	3
ECON 2332 Principles of Microeconomics .....	3
ECON 2333 Principles of Macroeconomics .....	3
ECON 3301 Inter Microeconomic Theory .....	3
ECON 3302 Inter Macroeconomic Theory .....	3
ECON 4337 Econometrics .....	3
ECON upper level electives .....	9
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Minor .....</b>	<b>48</b>
<b>Core .....</b>	<b>43</b>
<b>Electives .....</b>	<b>33</b>
<b>TOTAL .....</b>	<b>124</b>
<p>Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302</p>	

<b>B.S. ECONOMICS (ECON)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH (see minor)	
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X 2) .....	2
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Literature .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
PHYS 1320/1120 Phys. for Scie/Engineers I .....	4
PHYS 1321/1121 Phys. for Scie/Engineers II .....	4
Other Science .....	3
Social & Behavioral Sciences	
6 hrs from .....	6
HIST, PSYC, POLS, or SOCI (at least two fields)	
Technological Competency	
CSCI (see minor)	
<b>Total Core .....</b>	<b>44</b>
Major: Economics (30 credits)	
BSAD 2302 Business Statistics .....	3
ECON 2330 Intro to Economics .....	3
ECON 2332 Principles of Microeconomics .....	3
ECON 2333 Principles of Macroeconomics .....	3
ECON 3301 Inter Microeconomic Theory .....	3
ECON 3302 Inter Macroeconomic Theory .....	3
ECON 4337 Econometrics .....	3
ECON upper level electives .....	9
Minor Math (26 credits)	
MATH 1420 Calculus I .....	4
MATH 1421 Calculus II .....	4
MATH 2320 Calculus III .....	3
MATH 2321 Differential Equations .....	3
MATH 3305 Linear Algebra .....	3
MATH 3310 Computer Applications Math .....	3
MATH upper level elective .....	3
CSCI 1320 Program Design & Develop I .....	3
<b>Major/Minor .....</b>	<b>56</b>
<b>Core .....</b>	<b>44</b>
<b>Electives .....</b>	<b>24</b>
<b>TOTAL .....</b>	<b>124</b>
<p>Note: Must complete a minimum of 124 credits with a cumulative PA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302</p>	

**B.B.A.  
FINANCE  
(FINA)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1420 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC .....	1
FSSC .....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
3 hrs from: HIST, PSYC, POLS or SOCI.....	3
<b>Technological Competency (see major)</b>	
<b>Total Core.....</b>	<b>49</b>
<b>Business Core Courses (39 credits)</b>	
BSAD 1310 Personal Finance.....	3
BSAD 2302 Business Statistics.....	3
BSAD 2304 Quantitative Business Analysis.....	3
BSAD 3302 Business Communication.....	3
BSAD 3303 Business Law I.....	3
BSAD 3305 Business Ethics.....	3
BSAD 3367 Mgt Information Systems.....	3
BSAD 4307 Business Policy.....	3
ACCT 2311, 2312 Principles of Accounting I & II.....	6
FINA 3341 Principles of Financial Mgmt.....	3
MGMT 3351 Intro to Management.....	3
MKTG 3361 Principles of Marketing.....	3
<b>Major: Finance (24 credits)</b>	
FINA 3344 Money & Banking.....	3
FINA 4341 Investments.....	3
FINA 4342 Case Studies in Finance.....	3
FINA 4343 Commercial Bank Mgmt.....	3
FINA upper level elective.....	6
Busi. upper level credits (must include 1-3 credit Internship) ..	6
<b>Major.....</b>	<b>63</b>
<b>Core.....</b>	<b>49</b>
Electives.....	12
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency required

**B.B.A.  
INFORMATION SYSTEMS  
(INSY)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1315, 1420 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC .....	1
FSSC .....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
3 hrs from: HIST, PSYC, POLS or SOCI.....	3
<b>Technological Competency (see major)</b>	
<b>Total Core.....</b>	<b>49</b>
<b>Business Core Courses (39 credits)</b>	
BSAD 1310 Personal Finance.....	3
BSAD 2302 Business Statistics.....	3
BSAD 2304 Quantitative Business Analysis.....	3
BSAD 3302 Business Communication.....	3
BSAD 3303 Business Law I.....	3
BSAD 3305 Business Ethics.....	3
BSAD 3367 Mgt Information Systems.....	3
BSAD 4307 Business Policy.....	3
ACCT 2311, 2312 Principles of Accounting I & II.....	6
FINA 3341 Principles of Financial Mgmt.....	3
MGMT 3351 Intro to Management.....	3
MKTG 3361 Principles of Marketing.....	3
<b>Major: Information Systems (24 credits)</b>	
CSCI 1320 Program Design & Develop I.....	3
CSCI 2320 Program Design & Develop II.....	3
CSCI 3324 Networking.....	3
CSCI 4320 Database Systems.....	3
CSCI 4322 Info Systems Analysis & Design.....	3
CSCI upper level elective.....	3
Busi. upper level credits (must include 1-3 credit Internship) ..	6
<b>Major.....</b>	<b>63</b>
<b>Core.....</b>	<b>49</b>
Electives.....	12
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency required

<b>B.B.A. MANAGEMENT (MGMT)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1420 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC .....	1
FSSC .....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science .....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON 2330 Intro to Economics .....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics .....	3
3 hrs from: HIST, PSYC, POLS or SOCI.....	3
<b>Technological Competency (see major)</b>	
<b>Total Core.....</b>	<b>49</b>
<b>Business Core Courses (39 credits)</b>	
BSAD 1310 Personal Finance .....	3
BSAD 2302 Business Statistics .....	3
BSAD 2304 Quantitative Business Analysis .....	3
BSAD 3302 Business Communication .....	3
BSAD 3303 Business Law I .....	3
BSAD 3305 Business Ethics .....	3
BSAD 3367 Mgt Information Systems .....	3
BSAD 4307 Business Policy .....	3
ACCT 2311, 2312 Principles of Accounting I & II .....	6
FINA 3341 Principles of Financial Mgmt .....	3
MGMT 3351 Intro to Management .....	3
MKTG 3361 Principles of Marketing .....	3
<b>Major: Management (24 credits)</b>	
MGMT 3354 Organizational Behavior.....	3
MGMT 4352 Human Resource Mgmt.....	3
MGMT upper level elective.....	12
Busi. upper level credits (must include 1-3 credit Internship) ..	6
<b>Major.....</b>	<b>63</b>
<b>Core.....</b>	<b>49</b>
<b>Electives.....</b>	<b>12</b>
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

<b>B.B.A. MARKETING (MKTG)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I .....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1420 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC .....	1
FSSC.....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab .....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON 2330 Intro to Economics .....	3
ECON 2332 Principles of Microeconomics .....	3
ECON 2333 Principles of Macroeconomics .....	3
3 hrs from: HIST, PSYC, POLS or SOCI.....	3
<b>Technological Competency (see major)</b>	
<b>Total Core.....</b>	<b>49</b>
<b>Business Core Courses (39 credits)</b>	
BSAD 1310 Personal Finance.....	3
BSAD 2302 Business Statistics .....	3
BSAD 2304 Quantitative Business Analysis .....	3
BSAD 3302 Business Communication .....	3
BSAD 3303 Business Law I .....	3
BSAD 3305 Business Ethics.....	3
BSAD 3367 Mgt Information Systems .....	3
BSAD 4307 Business Policy .....	3
ACCT 2311, 2312 Principles of Accounting I & II .....	6
FINA 3341 Principles of Financial Mgmt.....	3
MGMT 3351 Intro to Management.....	3
MKTG 3361 Principles of Marketing .....	3
<b>Major: Marketing (24 credits)</b>	
MKTG 3363 Consumer Behavior.....	3
MKTG 4362 Marketing Research.....	3
MKTG 4366 Marketing Management.....	3
MKTG upper level elective .....	9
Busi. upper level credits (must include 1-3 credit Internship)..	6
<b>Major.....</b>	<b>63</b>
<b>Core.....</b>	<b>49</b>
<b>Electives.....</b>	<b>12</b>
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	

<b>B.B.A. NONPROFIT MANAGEMENT (NMGT)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
Quantitative Reasoning	
MATH 1310, 1420 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC.....	1
FSSC.....	1
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities).....	3
Natural & Physical Sciences	
4 hr lab.....	4
Other Science.....	3
Social & Behavioral Sciences	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
3 hrs from: HIST, PSYC, POLS or SOCI (see major)	
Technological Competency (see major)	
<b>Total Core.....</b>	<b>46</b>
Business Core Courses (39 credits)	
BSAD 1310 Personal Finance.....	3
BSAD 2302 Business Statistics.....	3
BSAD 2304 Quantitative Business Analysis.....	3
BSAD 3302 Business Communication.....	3
BSAD 3303 Business Law I.....	3
BSAD 3305 Business Ethics.....	3
BSAD 3367 Mgt Information Systems.....	3
BSAD 4307 Business Policy.....	3
ACCT 2311, 2312 Principles of Accounting I & II.....	6
FINA 3341 Principles of Financial Mgmt.....	3
MGMT 3351 Intro to Management.....	3
MKTG 3361 Principles of Marketing.....	3
Major: Nonprofit Management (24 credits)	
SOCI 1301 Introduction to Sociology.....	3
SOCI 2302 Social Problems.....	3
MGMT 3371 Nonprofit Management.....	3
MKTG 3371 Nonprofit Marketing.....	3
ACCT 4321 Gov't & Nonprofit Accounting.....	3
Plus 9 Credits of the following (must include 1-3 credit Internship):.....	9
<b>BSAD 3341</b> Databases and Websites, <b>BSAD</b> Internship (1-3 credits), <b>MGMT 3354</b> Organizational Behavior, <b>MGMT 4352</b> Human Resource Management, <b>COMM 3384</b> Principles of Public Relations	
Major.....	63
Core.....	46
Electives.....	15
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency required	

<b>B.B.A. PUBLIC ADMINISTRATION (PADM)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
Quantitative Reasoning	
MATH 1310, 1420 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC.....	1
FSSC.....	1
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities).....	3
Natural & Physical Sciences	
4 hr lab.....	4
Other Science.....	3
Social & Behavioral Sciences	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
3 hrs from: HIST, PSYC, POLS or SOCI (see major)	
Technological Competency (see major)	
<b>Total Core.....</b>	<b>46</b>
Business Core Courses (39 credits)	
BSAD 1310 Personal Finance.....	3
BSAD 2302 Business Statistics.....	3
BSAD 2304 Quantitative Business Analysis.....	3
BSAD 3302 Business Communication.....	3
BSAD 3303 Business Law I.....	3
BSAD 3305 Business Ethics.....	3
BSAD 3367 Mgt Information Systems.....	3
BSAD 4307 Business Policy.....	3
ACCT 2311, 2312 Principles of Accounting I & II.....	6
FINA 3341 Principles of Financial Mgmt.....	3
MGMT 3351 Intro to Management.....	3
MKTG 3361 Principles of Marketing.....	3
Major: Public Administration (24 credits)	
POLS 2301 State and Local Government.....	3
POLS 3303 Principles of Public Administration.....	3
ECON 3337 Urban & Regional Economics.....	3
ECON 4336 Public Finance.....	3
ACCT 4321 Gov't & Nonprofit Accounting.....	3
Plus 9 Credits of the following (must include 1-3 credit Internship):.....	9
<b>POLS 1302</b> or <b>CRIJ 1301</b> , <b>SOCI 3331</b> Urban Sociology, <b>MGMT 3354</b> Organizational Behavior, <b>MGMT 4352</b> Human Resource Management, <b>MGMT 4354</b> Business Leadership, <b>BSAD</b> Internship (1-3 credits),	
Major.....	63
Core.....	46
Electives.....	15
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency required	

**B.B.A.  
Double Business Major**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310, 1420 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC.....	1
FSSC.....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey	
<b>BIBL 1302</b> New Testament Survey	
<b>CHST 1311</b> Introduction to Christianity	
<b>MNST 1321</b> Christianity in Cultural Context	
<b>THEO 1331</b> Introduction to Christian Thought	
<b>THEO 1332</b> Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab.....	4
Other Science.....	3
<b>Social &amp; Behavioral Sciences</b>	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
3 hrs from: HIST, PSYC, POLS or SOCI.....	3
<b>Technological Competency (see major)</b>	
<b>Total Core</b> .....	<b>49</b>
<b>Business Core Courses (39 credits)</b>	
BSAD 1310 Personal Finance.....	3
BSAD 2302 Business Statistics.....	3
BSAD 2304 Quantitative Business Analysis.....	3
BSAD 3302 Business Communication.....	3
BSAD 3303 Business Law I.....	3
BSAD 3305 Business Ethics.....	3
BSAD 3367 Mgt Information Systems.....	3
BSAD 4307 Business Policy.....	3
ACCT 2311, 2312 Principles of Accounting I & II.....	6
FINA 3341 Principles of Financial Mgmt.....	3
MGMT 3351 Intro to Management.....	3
MKTG 3361 Principles of Marketing.....	3
<b>*First Major (18 credits)</b>	
*No course can be counted toward two majors	
<b>*Second Major (18 credits)</b>	
*No course can be counted toward two majors	
*Must include 1-3 credit Internship	
<b>Major</b> .....	<b>75</b>
<b>Core</b> .....	<b>49</b>
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency required

**B.A., B.B.S.  
MINOR: BUSINESS ADMINISTRATION  
(BSAD)**

	Credits
<b>Minor: Business Administration (21 credits)</b>	
BSAD 1310 Personal Finance.....	3
ACCT 2311 Principles of Accounting I.....	3
ACCT 2312 Principles of Accounting II.....	3
ECON credits.....	3
Business upper level credits.....	6
Business credits.....	3
<b>TOTAL</b> .....	<b>21</b>

**B.A., B.B.A., B.B.S., B.S.  
MINOR: COMPUTER SCIENCE  
(CSCI)**

	Credits
<b>Minor: Computer Science (21 – 22 credits)</b>	
CSCI 1320 Program Design I.....	3
CSCI 2320 Program Design II.....	3
CSCI upper level courses.....	12
MATH 1315 Discrete Math Structures OR.....	3-4
MATH 1420 Calculus I	
<b>TOTAL</b> .....	<b>21-22</b>

**B.A., B.B.S.  
MINOR: ECONOMICS  
(ECON)**

	Credits
<b>Minor: Economics (18 credits)</b>	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
ECON 3301 Inter Microeconomic Theory.....	3
ECON 3302 Inter Macroeconomic Theory.....	3
ECON upper level elective.....	3
<b>TOTAL</b> .....	<b>18</b>

**B.S.  
MINOR: ECONOMICS & MATHEMATICS  
(ECON and MATH)**

	Credits
<b>Minor: Economics (18 credits)</b>	
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics.....	3
ECON 2333 Principles of Macroeconomics.....	3
ECON 3301 Inter Microeconomic Theory.....	3
ECON 3302 Inter Macroeconomic Theory.....	3
ECON upper level elective.....	3
<b>TOTAL</b> .....	<b>18</b>
<b>Minor: Mathematics (26 credits) *</b>	
MATH 1420 Calculus I.....	4
MATH 1421 Calculus II.....	4
MATH 2320 Calculus III.....	3
MATH 2321 Differential Equations.....	3
MATH 3305 Linear Algebra.....	3
MATH 3310 Computer App. in Math.....	3
Advanced MATH course (not MATH 3312).....	3
CSCI 1320 Program Design and Dev. I.....	3
<b>TOTAL</b> .....	<b>26</b>

\*Required along with the economics minor for any major other than mathematics.

**B.A., B.B.S.  
MINOR: MANAGEMENT  
(MGMT)**

Credits

Minor: Management (18 credits)

MGMT 3351 Introduction to Management .....	3
MGMT 3354 Organizational Behavior .....	3
MGMT 4352 Human Resources Management .....	3
MGMT upper level electives .....	9
<b>TOTAL</b> .....	<b>18</b>

**B.A., B.B.S.  
MINOR: MARKETING  
(MKTG)**

Credits

Minor: Management (18 credits)

MKTG 3361 Principles of Marketing .....	3
MKTG 3363 Consumer Behavior .....	3
MKTG 4366 Marketing Management .....	3
MKTG upper level electives .....	9
<b>TOTAL</b> .....	<b>18</b>

## THE DR. AND MRS. W. B. IRVIN SCHOOL OF EDUCATION

### Dean

Dr. Pamela Williford

The school is named for William Buel Irvin and Ollie Camp Irvin in recognition of their lifetime dedication to education, active involvement in the history of Hardin-Simmons, significant financial contributions to the University, and committed Christian lives, which will continue to bring honor and respect to Hardin-Simmons University.

The Irvin School of Education is home to three departments that offer undergraduate courses: Department of Counseling and Human Development, Department of Educational Studies, and Fitness & Sport Sciences Department. Combined, the departments offer five undergraduate majors and two minors.

### DEPARTMENT OF EDUCATIONAL STUDIES

#### Department Head

Dr. Renee Collins  
325-670-1484  
HSU BOX 16225  
rcollins@hsutx.edu

#### FACULTY

Mary Christopher, Ph.D., Professor of Education  
Renee Collins, Ph.D., Associate Professor of Education  
Emily Dean, Ph.D., Assistant Professor of Education  
Rob Fink, Ph.D., Assistant Professor of Education  
Diana Higgins, Ph.D., Professor of Education  
Judy Shipley, Ed.D., Professor of Education  
Pamela Williford, Ph.D, Irvin Professor of Education

HSU maintains a liberal arts emphasis, and within this framework, stressing sound academic foundations, the teacher education program functions. The University believes that the best form of such education is that which can be pursued under the guidance of Christian teachers in an environment that emphasizes moral and spiritual values. With this in mind, the University makes available its facilities to prepare students to be effective teachers in early childhood, elementary, middle, and secondary schools, and various fitness and sport sciences professionals.

The Department of Educational Studies has the right to alter the teacher preparation program to meet Texas Education Agency/State Board for Educator Certification policies at any time. Students will be expected to abide by changes as they occur.

### TEACHER EDUCATION PREPARATION LEVELS

**Hardin-Simmons University offers teacher preparation for the following certification levels:**

Early Childhood – Grade 6

Interdisciplinary Generalist EC-6 B.B.S

Grades 4 - 8 Middle Grades

English Language Arts and Reading 4-8 B.B.S

English Language Arts and Reading/ Social Studies 4-8 B.B.S.

General Science 4-8 B.B.S.

Mathematics 4-8 B.B.S

Grades 6-12

Business Education 6-12 B.A.

Business Education 6-12 B.B.S.

Physical Sciences (Composite) 6-12 B.B.S.

Grades 7 – 12 Secondary Grades

English Language Arts and Reading 7-12 B.A.

English Language Arts and Reading 7-12 B.B.S.

History 7-12 B.A.

History 7-12 B.B.S.

Life Science (Composite) 7-12 B.A.

Life Science (Composite) 7-12 B.S.

Mathematics 7-12 B.B.S.

Science (Composite) 7-12 B.S.

Social Studies (Composite) 7-12 B.B.S.

Speech 7-12 B.A.

Speech 7-12 B.B.S.

Early Childhood - Grade 12 (EC-12)

Art EC-12 B.A.

Languages Other than English – Spanish EC-12 B.A.

Music Education (Choral) EC-12 B.M.

Music Education (Instrumental) EC-12 B.M.

Physical Education EC-12 B.B.S.

Theatre EC-12 B.A.

Theatre EC-12 B.B.S.

Theatre EC-12 B.F.A

Special Education Supplemental Certificate EC-12

English as a Second Language Supplemental Certificate EC-12

### TEACHER EDUCATION INFORMATION

**General Provisions** - During the freshman and sophomore years, all potential teacher education candidates take a common program of academic foundations. Throughout the undergraduate program, students depend upon the major departments for advising and on the faculty of the Irvin School of Education for the general coordination of the program.

**Admission** - Admission to the teacher education program of the University is by application to the Dean of the Irvin School of Education. Students desiring to enter the teacher education program must confer with the Certification Officer of the Irvin School of Education, Abilene Hall Room 104.

A candidate for admission must complete the Application for Admission to Teacher Education. He/She must meet all University approved standards to be admitted to the teacher preparation program including, but not limited to the following:

- Completed application for admission
- Minimum Overall earned GPA – minimum 2.8
- Proficiency in reading
- Proficiency in mathematics
- Proficiency in writing
- Proficiency in oral communication
- Minimum 12 semester credits completed in subject-content teaching field
- Degree plan on file
- Essay (see application for details)
- Three favorable evaluation forms completed by HSU faculty on file
- Official verification by Certification Officer of all requirements met prior to submission of the application to the teacher preparation program and to enrolling in any professional development courses (EDUC prefix).
- Signed affirmation: Texas Code of Ethics
- Approval by the HSU Teacher Education Council

Admission policy and standards for admission are available upon request in the Office of the Dean, Irvin School of Education (Abilene Hall 108). Students who plan to make application to the teacher preparation program are encouraged to obtain the admission policy and standards for admission as early as possible to avoid delays in the admission process. Transfer and post-baccalaureate students must satisfy all admission requirements. When the completed application has been filed in the Office of the Dean (Abilene Hall 108), it will be reviewed, approved, or not approved by the University Teacher Education Council. Candidates will be notified by mail of the council's approval or non-approval for the HSU teacher preparation program. Approved candidates are eligible to begin professional development courses (EDUC). Any communication deficiency detected during the teacher preparation program must be remediated, or if the student has previously undergone speech/communication disorder therapy, he/she must continue in prescribed therapy until graduation.

If a student has not met admission requirements by the time he/she has completed 54 semester credits, he/she will be advised to not continue taking courses that apply only to teacher preparation. If a student has not met admission requirements by the time he/she has completed 66 semester credits, he/she will be advised to select a non-teacher preparation major. If at a later time admission requirements are met, the student may apply for admission and if approved may resume taking courses in the teacher preparation program.

A student who has been admitted to the teacher education program must meet and maintain approved program benchmarks throughout the program. A description of the approved benchmarks and the TEA Code of Ethics are included with the Application for Admission to the Hardin-Simmons University Teacher Education Program or may be obtained in the dean's office in Abilene Hall Room 108.

The Head of the Department of Educational Studies will monitor students' progress in maintaining benchmarks. Upon the recommendation of the Head of the Department of Educational Studies, the Teacher Education Council may designate a student's program status as probationary for a period of one long semester if the student fails to meet or maintain program benchmarks. A student on probationary status who fails to meet or maintain all program benchmarks by the end of the probationary period will be dismissed from the teacher education program by the Teacher Education Council. Students placed on probationary status or dismissed from the teacher education program will be notified in writing. The student may appeal a dismissal decision by the Teacher Education Council to the University Provost. That decision will be final. Once admitted in teacher preparation, a student can only be on probation one time. A second failure to meet benchmarks at any point in the program will result in permanent dismissal from HSU teacher prep.

If a member of the Hardin-Simmons University faculty believes that a student exhibits behavior or characteristics detrimental or not conducive to performance as a teacher, the professor shall raise the matter with the chairperson of the Department of Educational Studies. The chairperson shall then inform the student of the behavior or characteristics the faculty member believes is detrimental or not conducive to performance as a teacher. The chairperson of the Department of Educational Studies shall then send a written statement to the student and the Teacher Education Council delineating the behavior or characteristics detrimental or not conducive to performance as a teacher. The Teacher Education Council shall review the documentation and other pertinent information and determine an appropriate action pertaining to approval or non-approval of the student into the Hardin-Simmons University teacher education program. If previously admitted, a student's retention, conditional retention, or dismissal from the teacher education program will be determined by the Teacher Education Council. A record of the Teacher Education Council's decision shall be retained in the student's education program file and written notification of the action taken shall be sent to the chairperson of the Department of Educational Studies, the student, and his/her academic advisor. The student may appeal the action of the Teacher Education Council pertaining to admission, retention, conditional retention, or dismissal to the University Provost/Chief Academic Officer.

Any conduct or deportment not in harmony with that encouraged by University standards (see University Student Handbook) may constitute grounds for dismissal from the teacher education program. Additionally, the Texas Education Agency (TEA)/State Board for Educator Certification (SBEC) is responsible for disciplining educators, applicants for certification, and examinees taking certification exams for conduct indicating unsuitability to instruct as well as unethical

conduct. HSU and the SBEC will enforce the Educator's Code of Ethics. (Code may be reviewed at [www.sbec.state.tx.us](http://www.sbec.state.tx.us) or a copy will be provided upon request in the dean's office.)

**Field-Based Education** - The HSU Teacher Education Program is required by Texas Administrative Code to include field-basing within the teacher preparation program. Those courses that have a field-based component are identified within the course description. Field-based means that during the semester a portion of the course will involve interacting with public school students and teachers at a public school site. Students are required to make their own transportation arrangements to and from the public school site.

**Student Teaching** - The final dates for making application for student teaching are October 1 and March 1, for the spring and fall semesters, respectively.

Prior to beginning student teaching, the student must meet grade point average requirements for (1) area(s) of preparation/teaching field(s), (2) overall, and (3) pedagogy and professional development. The student must not have a grade below C in his/her teaching field and pedagogy and professional development, including PSYC 3333. If, when the dean of the Irvin School of Education reviews the final transcript immediately prior to the student teaching semester, there is a "D" in a teaching field(s) or professional development course, the dean, in consultation with the Teacher Education Council, will determine the student teaching status of the student. The dean will provide the student, in writing, the determination of the Council.

The maximum course load a student may carry during the semester of student teaching is 12 semester credits.

Student teaching will involve a semester, all-day experience. The Student Teaching Handbook provides the guidelines and is the official syllabus for student teaching. Students MAY NOT return to campus during the teaching day to take classes, attend meetings, rehearsals, etc. Students should plan with their advisors so that classes will not conflict with the all-day student teaching assignment.

If a student does not complete student teaching with a grade of Satisfactory during his or her initial enrollment and does wish to repeat the student teaching course(s), the student must petition the Teacher Education Council in writing for the right to repeat the student teaching course(s). The student should explain how he/she intends to eliminate any deficiencies which prevented the student from initially earning the grade of Satisfactory. The Teacher Education Council shall meet with the student and may consider written or oral information provided by individuals who previously supervised the student or have knowledge regarding the student's unsatisfactory student teaching performance. The Teacher Education Council may grant or deny permission for the student to repeat student teaching. A record of the Council's decision shall be provided in writing to the student. The student may appeal the decision of the Teacher Education Council to the University Provost. Absent extremely unusual and extenuating circumstances, no student shall be allowed to enroll in student teaching through Hardin-Simmons University a third time.

**Certification** - Notwithstanding the fact that a candidate has been retained in teacher education to the point of completing all academic requirements, University recommendation for certification of the candidate is contingent upon evidence of having fulfilled all requirements and standards of the teacher education program of the university. This is determined by a final review of the candidate's complete record as concerns: (1) academic record, (2) student teaching, (3) professional ethics, and (4) passing the state mandated credentialing exams.



No student is eligible to be recommended for certification if he/she has a grade of D or unsatisfactory in his/her area (s) of preparation/teaching field (s), PSYC 3333, or in any course in pedagogy and professional development. **Certification and/or eligibility for certification are NOT requirements for graduation.**

Application for certification must be made through the office of the University Certification Officer, Irvin School of Education. It is the responsibility of each student to file a request for a teaching certificate. All certification requirements are subject to TEA/SBEC standards, rules, and regulations.

To be approved for a standard renewable certificate in the state of Texas, students shall be required to achieve a satisfactory level of performance on one or more examinations in the areas of preparation. The content to be tested and the criteria for mastery shall be prescribed for each certification area by the TEA/SBEC. Those who pass the required credentialing exams, have successfully completed the HSU teacher preparation program, and have graduated will be eligible to be recommended to the TEA/SBEC for teacher certification.

The Texas Commissioner of Education has the authority to suspend, revoke, or refuse to issue a teaching certificate for a person who has been convicted of a felony or misdemeanor. The TEA/SBEC will conduct a criminal record search of all certificate applicants.

**Accountability** - In 1995, the Texas Legislature mandated the Accountability System for Educator Preparation (ASEP) to ensure the quality of educator preparation programs in Texas. The law requires the TEA/SBEC to annually accredit each program based on the performance of its students. The TEA/SBEC, Office of Accountability has assigned Hardin-Simmons University Irvin School of Education teacher preparation program a rating of "Accredited" under the Accountability System for Educator Preparation authorized by Texas Education Code 21.045 every year since rating of teacher preparation entities has been assigned.

#### **The Houston-Lantrip Center for Literacy and Learning**

The Hardin-Simmons University Houston-Lantrip Center for Literacy and Learning is dedicated to providing support for individuals with dyslexia, autism spectrum disorders, and other learning differences through teacher education, professional development, community outreach, and parental resources.

The Center offers professional development and teacher training appropriate for teachers seeking a Master's degree, classroom teachers, reading specialists, and special education teachers. In addition to teacher training, the Center serves as a resource to teachers and parents for current information relating to dyslexia and family literacy. The Center provides parent seminars where parents can learn motivating and practical ideas concerning how to help their children while remaining in the parental role.

#### **Dyslexia Specialist Program**

The Houston-Lantrip Center for Literacy and Learning's Dyslexia Specialist Program provides extensive training in multisensory structured language education that is necessary for teaching dyslexic and struggling readers. This diagnostic teaching approach is appropriate for classroom teachers, reading specialists, special education teachers, and private dyslexia therapists. The program includes two courses: Introduction to Multisensory Language Instruction and Advanced Multisensory Language Instruction.

*Introduction to Multisensory Language Instruction* is an introduction to multisensory structured language education designed for individuals with dyslexia. This multisensory approach includes techniques for teaching phonological

awareness, letter recognition, decoding, comprehension, spelling, grammar and written composition to dyslexic and struggling readers. The course also includes an overview of Texas dyslexia legislation. This course is a prerequisite for Advanced Multisensory Language Instruction.

*Advanced Multisensory Language Instruction* is open to those individuals who have successfully completed the introductory course. This course refines the diagnostic and prescriptive teaching skills introduced in the introductory course and includes continual assessment techniques and implementation of multisensory structured language curriculum in public and private practice.

The Dyslexia Specialist Program may lead to certification as a certified academic language therapist and a licensed dyslexia practitioner upon completion of additional requirements.

#### **Courses in Educational Studies (EDUC)**

1306 Technology in Education  
2099 (1-4 credits) Special Topics  
3334 Child and Adolescent Development  
3338 The Learning Environment  
4320 Student Teaching in the Elementary School  
4321 Student Teaching in Early Childhood  
4322 Student Teaching in the Secondary School  
4323 Student Teaching in Special Education  
4324, 4325 Internship I, II  
4326 Student Teaching in the Middle School  
4340 Current Issues in Special Education  
4341 Educational Assessment of Exceptional Learners  
4342 Advanced Educational Strategies for Exceptional Learners  
4343 Managing Academic and Social Behavior  
4371 Organization and Management for Teaching in the Middle Grades and the Secondary Classroom  
4379 Capstone Course: The Professional Teacher  
4601 Interdisciplinary Strategies EC - 6  
4621 Student Teaching in the Elementary School  
4622 EC-12 Student Teaching  
4623 Student Teaching in the Secondary School  
4626 Student Teaching in Middle School

#### **Courses in Early Childhood Education (ECED)**

4311 Theory and Foundations of Early Childhood Education

#### **Courses in Reading Education (READ)**

1301 Reading Improvement  
2099 (1-4 credits) Special Topics  
3360 Beginning Literacy Development  
3362 Reading Instruction for Adolescent Students  
3364 Developing Comprehension and Inquiry Skills  
3388 Child and Adolescent Literature  
4099 (1-4 credits) Special Topics  
4392 Organization/Materials for Reading  
4393 Reading Assessment and Intervention  
4394 Reading Practicum  
4395 Reading for Diverse Cultures  
4397 Introduction to the Advanced or Gifted Learner  
4398 Capstone Course : The Reading Professional

#### **Courses in Psychology in Education (PSYC)**

3333 Educational Psychology

**SPECIAL EDUCATION SUPPLEMENTAL CERTIFICATE EC-12**

To add a supplemental special education certification to an initial Early Childhood - Grade 6, Grades 4-8, Grades 8-12, or EC-12 certification, the following courses are required EDUC 4341, 4342, and 4343 for a total of 9 credits. These 9 credits are in addition to the requirements of the HSU degree plan for the initial certification. Students may take the Supplemental Special Education TExES (163) in addition to their Content TExES and PPR TExES for their initial standard certificate or they may take it after the initial certification has been issued. The supplemental certificate allows the special education teacher to teach special education: 1. In the content field and level for which the teacher holds a standard certificate, 2. In a self-contained special education classroom at the level and in the content area of standard certification, or 3. In an inclusion classroom outside of the area of standard certification along side a duly certified teacher in that content field.

**SPECIAL EDUCATION CERTIFICATION for EC-6, 4-8, 8-12, EC-12**

	Credits
Special Education Certification (9-12 credits)	
EDUC 4340 Current Issues in Special Ed .....	*
EDUC 4341 Educational Assessment of Exceptional Learners.....	3
EDUC 4342 Advanced Educational Strategies for Exceptional Learners.....	3
EDUC 4343 Managing Academic and Social Behavior.....	3

\*See Degree/Education Requirements

**ENGLISH AS A SECOND LANGUAGE SUPPLEMENTAL CERTIFICATE EC-12**

Students who meet READ 4398 course requirements may take the Supplemental ESL TExES (154) in addition to the EC – 6 Generalist and EC – 6 PPR TExES for their initial standard certificate or they may take it after initial certification has been issued by the Texas Education Agency/State Board for Educator Certification. Students other than EC – 6 Generalist majors will not be recommended for ESL certification by Hardin-Simmons University at this time. A Texas Examination of Educator Standards (TExES) Representative Form (ESL Practice Test) is available for students to take in the Irvin School of Education's Dean's office, Abilene Hall 108.

The supplemental certificate allows the English as a Second Language teacher to teach English as a Second Language: 1. In the content field and level for which the teacher holds a standard certificate, 2. In an inclusion classroom outside of the area of standard certification along side a duly certified teacher in that content field.

**B.B.S. INTERDISCIPLINARY GENERALIST Early Childhood - Grade 6 (INTG.EDUC)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1310 College Algebra .....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities (see major)	
Natural & Physical Sciences	
SCIE 2410, 2411 Integrated Science I & II .....	8
Social Sciences	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government OR .....	3
POLS 2301 State and Local Government	
PSYC 3333 Educational Psychology .....	3
ECON, HIST, PSYC, POLS, or SOCI (at least two fields).....	6
Technological Competency	
EDUC 1306 Technology in Education .....	3
<b>Total Core .....</b>	<b>53</b>
Major: Interdisciplinary Generalist (48 credits) Required GPA for major is 2.8	
ART 3311 Public School Art, Elementary .....	3
MUSI 3325 Essential Elements of Music.....	3
FSSC 3300 Physical Activities for Children .....	3
ECED 4311 Theory/Found of Early Childhood Ed.....	3
GEOG 3301 Cultural Geography .....	3
MATH 2305/2306 Mathematics Education I & II.....	6
READ 3360 Beginning Literacy Development .....	3
READ 3364 Develop. Comprehensive/Inquiry Skills .....	3
READ 3388 Child & Adolescent Literature.....	3
READ 4392 Organization/Materials for Read.....	3
READ 4393 Read. Assessment/Intervention.....	3
READ 4394 Reading Practicum.....	3
READ 4395 Reading for Diverse Cultures .....	3
READ 4397 Intro. to Adv./Gifted Learner.....	3
READ 4398 Capstone Course: Reading Prof. ....	3
Minor (minimum 24 credits)	
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4601 Interdisciplinary Strategies EC-6.....	6
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4320 Stu. Teach. in Elem. School.....	3
EDUC 4321 Stu. Teach. in Early Childhood.....	3
<b>Major/Minor.....</b>	<b>72</b>
<b>Core.....</b>	<b>53</b>
<b>TOTAL .....</b>	<b>125</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.

**B.B.S.**  
**ENGLISH LANGUAGE ARTS & READING**  
**GRADES 4-8 (M.ELAR)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II.....	6
COMM 1301 OR 1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities (see major)	
Humanities (See list under Humanities).....	3
Natural & Physical Sciences	
4 hour lab.....	4
Other science.....	3
Social Sciences	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government OR .....	3
POLS 2301 State and Local Government	
PSYC 3333 Educational Psychology.....	3
ECON, HIST, PSYC, POLS, or SOCI.....	6
Technological Competency	
EDUC 1306 Technology in Education .....	3
<b>Total Core.....</b>	<b>55</b>
Major: English Language Arts/Reading (36 credits) Required GPA for major is 2.6	
Additional Sophomore Literature.....	3
ENGL 4302 Issues in Grammar.....	3
Upper level Literature course ( x2).....	6
READ 3360 Beginning Literacy Development .....	3
READ 3364 Dev Comprehension & Inquiry Skills.....	3
READ 3388 Child & Adolescent Literature.....	3
READ 4392 Organization/Materials for Read.....	3
READ 4393 Read. Assessment/Intervention.....	3
READ 4394 Reading Practicum.....	3
READ 4395 Reading for Diverse Cultures.....	3
READ 4397 Intro. to Adv./Gifted Learner.....	3
Education (27 credits)	
ART 3311 Public School Art, Elementary.....	3
COMM 3302 Interpersonal Communication OR	
COMM 3303 Small Group Communication.....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Organization/Management for Teaching.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4626 Stu. Teach. in Middle School.....	6
<b>Major/Education.....</b>	<b>63</b>
<b>Core.....</b>	<b>55</b>
<b>Electives.....</b>	<b>6</b>
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.B.S.**  
**ENGLISH LANG.ARTS/READING/SOCIAL STUDIES**  
**GRADES 4-8 (M.ELRS)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II.....	6
COMM 1301OR 1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities (see major)	
Natural & Physical Sciences	
4 hour lab.....	4
Other science.....	3
Social Sciences	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology .....	3
(see major for 6 additional credits)	
Technological Competency	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>46</b>
Major: English Lang Arts/Reading/Social Studies (54 credits) Required GPA for major is 2.6	
Additional Sophomore Literature.....	3
ENGL 4302 Issues in Grammar.....	3
ECON 2330 Introduction to Economics.....	3
GEOG 3301 Cultural Geography .....	3
HIST 2301 History of Western Civ to 1550.....	3
HIST 2302 History of Western Civ since 1550.....	3
HIST 3306 Studies in World History .....	3
HIST 4301 Survey of Texas History .....	3
POLS 2301 State and Local Government.....	3
POLS 2302 Major World Governments.....	3
READ 3360 Beginning Literacy Development .....	3
READ 3364 Dev Comprehension/Inquiry Skills.....	3
READ 3388 Child & Adolescent Literature.....	3
READ 4392 Organization/Materials for Read.....	3
READ 4393 Read. Assessment/Intervention.....	3
READ 4394 Reading Practicum.....	3
READ 4395 Reading for Diverse Cultures.....	3
READ 4397 Intro. to Adv./Gifted Learner.....	3
Education (minimum 24 credits)	
ART 3311 Public School Art, Elementary .....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Organization/Management for Teaching .....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4626 Stu. Teach. in Middle School.....	6
<b>Major/Education .....</b>	<b>78</b>
<b>Core .....</b>	<b>46</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.B.S.  
GENERAL SCIENCE  
GRADES 4-8 (M.GESC)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II.....	6
COMM 1301OR 1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1310 College Algebra .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab (see major)	
Other science (see major)	
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology.....	3
ECON, HIST, PSYC, POLS, or SOCI.....	6
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>48</b>
<b>Major: General Science (53 credits)</b>	
Required GPA for major is 2.8	
BIOL 1320/1120 General Zoology with Lab.....	4
BIOL 1321/1121 General Botany with Lab.....	4
BIOL 2420 Intro Cell Biology .....	4
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II.....	4
ENVS 4311 Environmental Science.....	3
GEOL 1303/1103 Intro to Geology.....	4
GEOL 1411 Historical Geology .....	4
GEOL 3301 Oceanography .....	3
MATH 1311 Trigonometry.....	3
PHYS 1310/1110 General Physics I.....	4
PHYS 1311/1111 General Physics II .....	4
PHSC 3301 Astronomy .....	3
Additional upper level credits from two fields .....	5
<b>Education (30 credits)</b>	
ART 3311 Public School Art, Elementary .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Organization/Management for Teaching.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4626 Stu. Teach. in Middle School.....	6
READ 3364 Develop Comprehensive/Inquiry Skills .....	3
READ 4395 Reading for Diverse Cultures.....	3
<b>Major/Education.....</b>	<b>83</b>
<b>Core.....</b>	<b>48</b>
<b>TOTAL.....</b>	<b>131</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.B.S.  
MATHEMATICS  
GRADES 4-8 (M.MATH)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II.....	6
COMM 1301OR 1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1310 (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology.....	3
ECON, HIST, PSYC, POLS, or SOCI .....	6
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>52</b>
<b>Major: Mathematics (35 credits)</b>	
Required GPA for major is 2.6	
CSCI 1320 Program Design/Development I.....	3
MATH 1420 Calculus I.....	4
MATH 1421 Calculus II.....	4
MATH 2305 Mathematics Education I .....	3
MATH 2306 Mathematics Education II .....	3
MATH 3302 Topics for the Math Teacher.....	3
MATH 3312 Statistical Methods.....	3
MATH 3315 Mathematical Structures .....	3
MATH 4301 College Geometry.....	3
MATH approved upper level credits .....	6
<b>Education (33 credits)</b>	
ART 3311 Public School Art, Elementary .....	3
COMM 3302 Interpersonal Communication OR.....	3
COMM 3303 Small Group Communication .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Organization/Management for Teaching.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4626 Stu. Teach. in Middle School.....	6
READ 4395 Reading for Diverse Cultures.....	3
READ 4397 Intro. to Adv./Gifted Learner .....	3
<b>Major/Education.....</b>	<b>68</b>
<b>Core.....</b>	<b>52</b>
Elective .....	4
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.A.  
BUSINESS EDUCATION  
GRADES 6-12 (H.B.SAD)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1310 College Algebra .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Foreign Language</b>	
(one language).....	14
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency</b>	
(see major)	
<b>Total Core</b> .....	<b>63</b>

**Major: Business Education (42 credits)  
Required GPA for major is 2.8**

ACCT 2311 Principles of Accounting I .....	3
ACCT 2312 Principles of Accounting II.....	3
BSAD 1310 Personal Finance.....	3
BSAD 3302 Business Communication.....	3
BSAD 3303 Business Law I.....	3
BSAD 3341 Databases & Websites.....	3
BSAD 3367 Management Information Systems.....	3
BSAD 4300 Internship.....	3
BSAD 4307 Business Policy.....	3
CSCI 1320 Program Design/Development I.....	3
ECON 2330 Intro to Economics.....	3
ECON 2332 Principles of Microeconomics .....	3
ECON 2333 Principles of Macroeconomics.....	3
MGMT 3351 Intro to Management.....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students.....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4623 Student Teaching in Sec School.....	6
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Education</b> .....	<b>66</b>
Minor .....	18
Core .....	63
<b>TOTAL</b> .....	<b>147</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency are required.

**B.B.S.  
BUSINESS EDUCATION  
GRADES 6-12 (H.B.SAD)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310 College Algebra .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
ECON (6 credits from major)	
<b>Technological Competency</b>	
(see major)	
<b>Total Core</b> .....	<b>49</b>

**Major: Business Education (42 credits)  
Required GPA for major is 2.8**

ACCT 2311 Principles of Accounting I.....	3
ACCT 2312 Principles of Accounting II.....	3
BSAD 1310 Personal Finance.....	3
BSAD 3302 Business Communication .....	3
BSAD 3303 Business Law I.....	3
BSAD 3341 Databases & Websites .....	3
BSAD 3367 Management Information Systems .....	3
BSAD 4300 Internship.....	3
BSAD 4307 Business Policy .....	3
CSCI 1320 Program Design/Development I.....	3
ECON 2330 Intro to Economics .....	3
ECON 2332 Principles of Microeconomics .....	3
ECON 2333 Principles of Macroeconomics .....	3
MGMT 3351 Intro to Management.....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Education</b> .....	<b>66</b>
Minor .....	18
Core .....	49
<b>TOTAL</b> .....	<b>133</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency are required.

**B.A.  
ENGLISH LANGUAGE ARTS & READING  
GRADES 7-12 (H.ELAR)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II (see major)	
COMM 1301 OR 1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS.....	3
ENGL 230X (see major)	
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities)	3
<b>Foreign Language</b>	
(one language).....	14
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology.....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core</b> .....	<b>57</b>
<b>Major: English Language Arts/Read (37 credits)</b>	
Required GPA for major is 2.8	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
ENGL 230X World, English, or American Lit.....	3
ENGL 230X World, English, or American Lit.....	3
ENGL 4101 Teaching English in High School.....	1
ENGL 4302 Issues in Grammar.....	3
ENGL 4318 Studies/Compositional Theory.....	3
ENGL 4321 Introduction to Linguistics.....	3
Upper level American literature credits.....	6
Upper level British literature credits.....	6
Upper level English elective credits.....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students.....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4623 Student Teaching in Sec School.....	6
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Education</b> .....	<b>61</b>
Minor.....	18
Core.....	57
<b>TOTAL</b> .....	<b>136</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.

**B.B.S.  
ENGLISH LANGUAGE ARTS & READING  
GRADES 7-12 (H.ELAR)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II (see major)	
COMM 1301 OR 1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS.....	3
ENGL 230X (see major)	
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities)	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology.....	3
ECON, HIST, PSYC, POLS, or SOCI.....	6
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core</b> .....	<b>49</b>
<b>Major: English Language Arts/Read (37 credits)</b>	
Required GPA for major is 2.8	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
ENGL 230X World, English, or American Lit.....	3
ENGL 230X World, English, or American Lit.....	3
ENGL 4101 Teaching English in High School.....	1
ENGL 4302 Issues in Grammar.....	3
ENGL 4318 Studies/Compositional Theory.....	3
ENGL 4321 Introduction to Linguistics.....	3
Upper level American literature credits.....	6
Upper level British literature credits.....	6
Upper level English elective credits.....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students.....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4623 Student Teaching in Sec School.....	6
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Education</b> .....	<b>61</b>
Minor.....	18
Core.....	49
<b>TOTAL</b> .....	<b>128</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.

**B.A.  
HISTORY  
GRADES 8-12 (H.HIST)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301OR 1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
(one language).....	14
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 (see major)	
HIST 1302 U S History since 1876 (see major)	
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>57</b>
<b>Major: History (36 credits)</b>	
Required GPA for major is 2.8	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
HIST 2301 History of Western Civ to 1550 .....	3
HIST 2302 History of Western Civ Since 1550.....	3
HIST 3100 Historiography .....	1
HIST 3200 Seminar in Historical Writing .....	2
HIST 3306 Studies in World History.....	3
HIST 4301 Survey of Texas History.....	3
GEOG 3301 Cultural Geography.....	3
HIST approved upper level elective credits .....	12
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students.....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Education .....</b>	<b>60</b>
Minor .....	18
Core .....	43
Electives .....	3
<b>TOTAL.....</b>	<b>135</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.B.S.  
HISTORY  
GRADES 8-12 (H.HIST)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301OR 1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 (see major)	
HIST 1302 U S History since 1876 (see major)	
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
ECON, HIST, PSYC, POLS, or SOCI (see major)	
<b>Technological Competency</b>	
EDUC 1306 Technology in Education .....	3
<b>Total Core.....</b>	<b>43</b>
<b>Major: History (36 credits)</b>	
Required GPA for major is 2.8	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
HIST 2301 History of Western Civ to 1550.....	3
HIST 2302 History of Western Civ Since 1550.....	3
HIST 3100 Historiography .....	1
HIST 3200 Seminar in Historical Writing .....	2
HIST 3306 Studies in World History .....	3
HIST 4301 Survey of Texas History .....	3
GEOG 3301 Cultural Geography .....	3
HIST approved upper level elective credits .....	12
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Minor (minimum 18 credits)</b>	
Minor.....	18
<b>Major/Education.....</b>	<b>60</b>
Minor.....	18
Core.....	43
Electives.....	3
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.A.  
LIFE SCIENCES (COMPOSITE)  
GRADES 7-12 (HLSCI)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Foreign Language</b>	
(one language).....	14
<b>Natural &amp; Physical Science (see major)</b>	
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education .....	3
<b>Total Core .....</b>	<b>56</b>

<b>Major: Life Sciences (58 credits) Required GPA for major is 2.8</b>	
BIOL 1320/1120 General Zoology with Lab .....	4
BIOL 1321/1121 General Botany with Lab .....	4
BIOL 2420 Intro Cell Biology .....	4
BIOL 3410 General Ecology .....	4
BIOL 3411 Genetics .....	4
BIOL 3416 Upper level Vertebrate Biology .....	4
BIOL 3420 General Microbiology.....	4
BIOL 2402/2403 Anatomy/Physiology OR.....	8
BIOL 3417/3418 Physiology/Anatomy	
(one additional upper level hour of BIOL required if 2402/2403 taken)	
CHEM 1310/1110 General Chemistry I .....	4
CHEM 1311/1111 General Chemistry II .....	4
6 credits from the following .....	6
MATH 1310 College Algebra, MATH 1311 Trigonometry,	
MATH 1312 Precalculus for Science Majors,	
MATH 1420 Calculus I, MATH 1421 Calculus II	
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Major/Education (no minor needed) .....</b>	<b>82</b>
<b>Core .....</b>	<b>56</b>
<b>TOTAL .....</b>	<b>138</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.S.  
LIFE SCIENCES (COMPOSITE)  
GRADES 7-12 (HLSCI)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Science (see major)</b>	
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>42</b>

<b>Major: Life Sciences (58 credits) Required GPA for major is 2.8</b>	
BIOL 1320/1120 General Zoology with Lab .....	4
BIOL 1321/1121 General Botany with Lab .....	4
BIOL 2420 Intro Cell Biology .....	4
BIOL 3410 General Ecology .....	4
BIOL 3411 Genetics .....	4
BIOL 3416 Upper level Vertebrate Biology .....	4
BIOL 3420 General Microbiology.....	4
**BIOL 2402/2403 Anatomy/Physiology OR .....	8
BIOL 3417/3418 Physiology/Anatomy	
CHEM 1310/1110 General Chemistry I .....	4
CHEM 1311/1111 General Chemistry II .....	4
6 credits from the following.....	6
MATH 1310 College Algebra, MATH 1311 Trigonometry,	
MATH 1312 Precalculus for Science Majors,	
MATH 1420 Calculus I, MATH 1421 Calculus II	
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ.....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Major/Education (no minor needed) .....</b>	<b>82</b>
<b>Core .....</b>	<b>42</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.



**B.B.S.  
MATHEMATICS  
GRADES 7-12 (H.MATH)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
ECON, HIST, PSYC, POLS, or SOCI .....	6
<b>Technological Competency</b>	
EDUC 1306 Technology in Education .....	3
<b>Total Core .....</b>	<b>55</b>

**Major: Mathematics (35 credits)  
Required GPA for major is 2.5**

MATH 1420 Calculus I .....	4
MATH 1421 Calculus II .....	4
MATH 2320 Calculus III .....	3
MATH 3302 Topics for the Math Teacher .....	3
MATH 3305 Linear Algebra .....	3
MATH 3310 Computer Applications in Math .....	3
MATH 3312 Statistical Methods .....	3
MATH 3315 Mathematical Structures .....	3
MATH 4301 College Geometry .....	3
MATH 4320 Introduction to Analysis .....	3
CSCI 1320 Program Design/Development I .....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Education .....</b>	<b>59</b>
Minor .....	18
Core .....	55
<b>TOTAL .....</b>	<b>132</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.

**B.B.S.  
PHYSICAL SCIENCES (COMPOSITE)  
GRADES 6-12 (H.PHSC)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences (see major)</b>	
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
ECON, HIST, PSYC, POLS, or SOCI .....	6
<b>Technological Competency</b>	
EDUC 1306 Technology in Education .....	3
<b>Total Core .....</b>	<b>48</b>

**Major: Physical Sciences (51 credits)  
Required GPA for major is 2.8**

CHEM 1310/1110 General Chemistry I .....	4
CHEM 1311/1111 General Chemistry II .....	4
CHEM 3401/3402 Organic Chemistry I/II .....	8
CHEM 3410 Quantitative Analysis/Electrochem .....	4
GEOL 1303/1103 Physical Geology .....	4
BIOL 1401 Life Science .....	4
PHYS 1320/1120 Physics for Scien./Engrs. I .....	4
PHYS 1321/1121 Physics for Scien./Engrs. II .....	4
PHYS 2410 Modern Physics .....	4
PHSC 3301 Astronomy .....	3
MATH 1420 Calculus I .....	4
MATH 1421 Calculus II .....	4
(Minimum 2.80 GPA in each field of study – CHEM, PHYS, GEOL--required to sit for TExES)	
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Major/Education (no minor needed) .....</b>	<b>75</b>
Core .....	48
Elective .....	1
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.

**B.S.  
SCIENCE (COMPOSITE)  
GRADES 7-12 (H.SCED)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310 (see major)	
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Science (see major)</b>	
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>42</b>
<b>Major: Science (71 credits) Required GPA for major is 2.8</b>	
CHEM 1310/1110 General Chemistry I.....	4
CHEM 1311/1111 General Chemistry II .....	4
CHEM 3401 Organic Chemistry I.....	4
CHEM 3410 Quantitative Analysis/Electrochem.....	4
BIOL 1320/1120 General Zoology with Lab .....	4
BIOL 1321/1121 General Botany with Lab .....	4
BIOL 2410 Ess. Human Anatomy/Physiology.....	4
BIOL 2420 Intro Cell Biology .....	4
BIOL 3410 General Ecology .....	4
BIOL 3411 Genetics .....	4
GEOL 1303/1103 Physical Geology.....	4
GEOL 1411 Historical Geology.....	4
GEOL 3301 Oceanography.....	3
GEOL 4315 Hydrogeology.....	3
PHYS 1310/1110 General Physics I .....	4
PHYS 1311/1111 General Physics II .....	4
PHSC 3301 Astronomy.....	3
MATH 1310 College Algebra.....	3
MATH 1311 Trigonometry.....	3
(Minimum 2.80 GPA in each field of study -- CHEM, PHYS, GEOL--required to sit for TExES)	
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Major/Education (no minor needed) .....</b>	<b>95</b>
<b>Core .....</b>	<b>42</b>
<b>TOTAL.....</b>	<b>137</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

**B.B.S.  
SOCIAL STUDIES (COMPOSITE)  
GRADES 7-12 (H.SOSC)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301 OR 1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS .....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see major)	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
6 credits - ECON, HIST, PSYC, POLS, or SOCI (see major)	
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>49</b>
<b>Major: Social Studies (51 credits) Required GPA for major is 2.8</b>	
HIST 2301 History of Western Civ to 1550.....	3
HIST 2302 History of Western Civ Since 1550.....	3
HIST 3100 Historiography .....	1
HIST 3200 Seminar in Historical Writing .....	2
HIST 3306 Studies in World History .....	3
HIST 4301 Survey of Texas History.....	3
3 credits from HIST 4302, 4303, 4304, 4307.....	3
3 credits from HIST 4308, 4309, 4310.....	3
3 credits of European history .....	3
HIST approved upper level elective credits .....	6
GEOG 3301 Cultural Geography.....	3
POLS 2301 Local and State Government .....	3
POLS 2302 Major World Governments.....	3
POLS 3324 Political Theory .....	3
POLS 4316 Constitutional Law: Powers.....	3
ECON 2330 Introduction to Economics .....	3
ECON 2332 Microeconomics OR ECON 2333 Macroeconomics ..	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
<b>Major/Education (no minor needed).....</b>	<b>75</b>
<b>Core .....</b>	<b>49</b>
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.  
80 Chapel attendances and Writing Proficiency are required.

<b>B.A. SPEECH GRADES 7-12 (H.SPCH)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 (see major)	
Quantitative Reasoning	
MATH 1301 Aspects of Modern Math .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS (from Art, Music, Theatre).....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Foreign Language	
(one language) .....	14
Natural & Physical Science	
4 hour lab .....	4
Other science .....	3
Social Sciences	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
Technological Competency	
EDUC 1306 Technology in Education .....	3
<b>Total Core</b> .....	<b>63</b>
Major: Speech (33 credits) Required GPA for major is 2.8	
COMM 1301 Speech Communication OR .....	3
COMM 1302 Communication for Teachers	
COMM 2301 Public Speaking .....	3
COMM 2373 Oral Interpretation of Lit .....	3
COMM 3302 Interpersonal Communication .....	3
COMM 3303 Small Group Communication .....	3
COMM 3304 Argumentation & Debate .....	3
COMM 4301 Rhetoric of Social Protest .....	3
COMM 4308 Trends in Communication .....	3
COMM 4371 Communication Instruction .....	3
COMM 4375 Directing Speech Activities .....	3
COMM upper level elective .....	3
Education (24 credits)	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ .....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: Prof Ed Sec Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Education</b> .....	<b>57</b>
Minor .....	18
Core .....	63
<b>TOTAL</b> .....	<b>138</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.	

<b>B.B.S. SPEECH GRADES 7-12 (H.SPCH)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 (see major)	
Quantitative Reasoning	
MATH 1301 Aspects of Modern Math .....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS (from Art, Music, Theatre).....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
<b>BIBL 1301</b> Old Testament Survey, <b>BIBL 1302</b> New Testament Survey, <b>CHST 1311</b> Introduction to Christianity, <b>MNST 1321</b> Christianity in Cultural Context, <b>THEO 1331</b> Introduction to Christian Thought, <b>THEO 1332</b> Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hour lab .....	4
Other science.....	3
Social Sciences	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
ECON, HIST, PSYC, POLS, or SOCI .....	6
Technological Competency	
EDUC 1306 Technology in Education.....	3
<b>Total Core</b> .....	<b>55</b>
Major: Speech (33 credits) Required GPA for major is 2.8	
COMM 1301 Speech Communication OR.....	3
COMM 1302 Communication for Teachers	
COMM 2301 Public Speaking .....	3
COMM 2373 Oral Interpretation of Lit.....	3
COMM 3302 Interpersonal Communication.....	3
COMM 3303 Small Group Communication .....	3
COMM 3304 Argumentation & Debate.....	3
COMM 4301 Rhetoric of Social Protest .....	3
COMM 4308 Trends in Communication .....	3
COMM 4371 Communication Instruction .....	3
COMM 4375 Directing Speech Activities .....	3
COMM upper level elective.....	3
Education (24 credits)	
READ 3362 Read Instruction for Adol Students .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4340 Current Issues in Special Educ .....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: Prof Ed Sec Teacher .....	3
EDUC 4623 Student Teaching in Sec School .....	6
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Education</b> .....	<b>57</b>
Minor .....	18
Core .....	55
<b>TOTAL</b> .....	<b>130</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.	

<b>B.A. ART GRADES EC-12 (A.ART)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
One Language.....	14
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology.....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education .....	3
<b>Total Core.....</b>	<b>60</b>
<b>Major: Art (48 credits)</b>	
Required GPA for major is 2.6	
ART 1301/1311 Drawing I & II .....	6
ART 1302 Design I .....	3
ART 2302 3-D Design.....	3
ART 2313 Oil Painting.....	3
ART 2314 Printmaking I .....	3
ART 2315 Sculpture I <b>OR</b> ART 2317 Ceramics I.....	3
ART 2321 Introduction to Graphic Design.....	3
ART 2382 Fundamentals of Photography .....	3
ART 4360 Professional Seminar .....	3
Art History (3 upper level).....	6
ART upper level elective .....	12
<b>Education (24 credits)</b>	
READ 3362 Reading Instruct. for Adolescent.....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Ed .....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher	3
EDUC 4622 Student Teaching .....	6
<b>Major/Education (no minor needed).....</b>	<b>72</b>
<b>Core .....</b>	<b>60</b>
<b>TOTAL.....</b>	<b>132</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required.	

**B.M.  
MUSIC EDUCATION (CHORAL)  
GRADES EC-12 (A.MUED.CH)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 or 2301 Government .....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency (see music core)</b>	
<b>Total Core .....</b>	<b>43</b>
<b>Major: Music Education (25 credits)</b>	
Required GPA for major is 3.0	
**Be aware of rotation	
MUPC 1125/1126 Diction I and II .....	2
MUSI 2125** Instrumental Perspectives.....	1
MUSI 3122 Intro to Conducting .....	1
MUSI 3223 Choral Conducting .....	2
MUSI 3321 Music, Learning & Children .....	3
MUSI 3322 Older Children & Music Learning .....	3
MUSI 4321** Music for Adolescents .....	3
MUPC 4321** Vocal Pedagogy .....	3
ENSEMBLES - MUEI or MUEV.....	4
MUEI or MUEV (upper level).....	3
<b>Music Core (45 credits)</b>	
No grade below "C" accepted in required courses.	
Performance Principal MUPS.....	8
MUPS (Upper level level) .....	6
MUTC 1131/1132 Ear Training I & II.....	2
MUTC 1133/1134 Keyboard I & II.....	2
MUTC 1235/1236 Harmony I & II.....	4
MUTC 2131/2132 Ear Training III & IV .....	2
MUTC 2133/2134 Keyboard III &IV .....	2
MUTC 2235/2236 Harmony III & IV.....	4
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 4231 Orchestration I.....	2
MUHL 2241/2242 Music Lit I & II.....	4
MUHL 3241/3242 Music History I & II.....	4
CONC 1000 Recital Attendances (8 sem.) .....	0

**Continued**

COMP 2000 Sophomore Comps.....	0
COMP 4000 Senior Comps.....	0
RECI 4000 Half Senior Recital.....	0

**Professional Education (24 credits)**

No grade below "C" accepted in required courses.

READ 3362 Reading Instruct. for Adolescent .....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class .....	3
EDUC 4340 Current Issues in Special Ed.....	3
EDUC 4379 Capstone Course: The Professional Teacher ..	3
EDUC 4622 Student Teaching .....	6

<b>Major/Music Core/Education (no minor needed).....</b>	<b>94</b>
<b>Core .....</b>	<b>43</b>
<b>TOTAL .....</b>	<b>137</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required.  
42 upper level credits (3000 and 4000-level) required.

**B.M.**  
**MUSIC EDUCATION (INSTRUMENTAL)**  
**GRADES EC-12 (A.MUED.IN)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities (see major)	
Natural & Physical Sciences	
4 hour lab.....	4
Other science .....	3
Social Sciences	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 or 2301 Government .....	3
PSYC 3333 Educational Psychology.....	3
Technological Competency (see music core)	
<b>Total Core.....</b>	<b>43</b>
Major: Music Education (24 credits)	
Required GPA for major is 3.0	
**Be aware of rotation	
MUSI 2121** Essentials of Woodwind Inst. ....	1
MUSI 2122** Essentials of Brass Instruments .....	1
MUSI 2123** Essentials of Percussion Inst. ....	1
MUSI 2124** Essentials of String Instruments.....	1
MUSI 2126** Vocal Perspectives.....	1
MUSI 3122 Intro to Conducting.....	1
MUSI 3224 Instrumental Conducting.....	2
MUSI 3321 Music, Learning & Children .....	3
MUSI 3322 Older Children & Music Learning .....	3
MUSI 4321** Music for Adolescent.....	3
ENSEMBLES - MUEI or MUEV .....	4
MUEI or MUEV (upper level) .....	3
Music Core (45 credits)	
No grade below "C" accepted in required courses.	
Performance Principal MUPS .....	8
MUPS (Upper level level) .....	6
MUTC 1131/1132 Ear Training I & II .....	2
MUTC 1133/1134 Keyboard I & II.....	2
MUTC 1235/1236 Harmony I & II .....	4
MUTC 2131/2132 Ear Training III & IV .....	2
MUTC 2133/2134 Keyboard III &IV.....	2
MUTC 2235/2236 Harmony III & IV .....	4
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 4231 Orchestration I.....	2
MUHL 2241/2242 Music Lit I & II.....	4

**Continued**

MUHL 3241/3242 Music History I & II .....	4
CONC 1000 Recital Attendances (8 sem.).....	0
Sophomore (COMP 2000) & Senior (COMP 4000) Comps ....	0
Senior (RECI 4000) Recitals.....	0
Professional Education (24 credits)	
No grade below "C" accepted in required courses.	
READ 3362 Reading Instruct. for Adolescent .....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment.....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class .....	3
EDUC 4340 Current Issues in Special Ed.....	3
EDUC 4379 Capstone Course: The Professional Teacher ..	3
EDUC 4622 Student Teaching.....	6
<b>Major/Music Core/Education (no minor needed).....</b>	<b>93</b>
<b>Core.....</b>	<b>43</b>
<b>TOTAL .....</b>	<b>136</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required.  
42 upper level credits (3000 and 4000-level) required

**B.B.S.  
PHYSICAL EDUCATION  
GRADES EC-12 (A.PHED)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life (see major)	
FSSC (X2) (see major)	
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, or Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
ECON, HIST, POLS, PSYC, or SOCI.....	6
<b>Technological Competency (see major)</b>	
<b>Total Core .....</b>	<b>52</b>
<b>Major: Physical Education (45 credits)</b>	
Required GPA for major is 2.6	
FSSC 1100 Fitness Management .....	1
FSSC 1105 Beginning Swimming .....	1
FSSC 1170 Wellness for Life.....	1
FSSC 1301 Computer App. In Phys. Educ.....	3
FSSC 2300 Outdoor Education Activities (May Term) .....	3
FSSC 2301 Foundations of Fitness/Sport Sci.....	3
FSSC 2302 Basic Athletic Injury Care <b>OR</b>	
FSSC 2303 Safety, First Aid, and CPR .....	3
FSSC 3300 Physical Activities For Children .....	3
FSSC 3313 Kinesiology .....	3
FSSC 3314 Physiology of Exercise.....	3
FSSC 4300 Senior Seminar.....	3
FSSC 4301 Applied Motor Control/Learning and Adaptive Movement .....	3
FSSC 4302 Sports, Fitness & Rec Mgmt. ....	3
FSSC 4304 Statistical Methods.....	3
FSSC 4311 Ess. Elements of Sec. PE .....	3
3 additional FSSC activity courses (1-credit each).....	3
FSSC 3320 Coaching Ind. Sports <b>OR</b> .....	3
FSSC 3321 Coaching Team Sports	

**Continued**

Education (24 credits)	
READ 3362 Reading Instruct. for Adolescent .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class .....	3
EDUC 4340 Current Issues in Special Ed .....	3
EDUC 4379 Capstone Course: The Professional Teacher..	3
EDUC 4622 Student Teaching .....	6
<b>Major/Education (no minor needed).....</b>	<b>69</b>
Core.....	52
Electives .....	3
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency are required.

<b>B.A. SPANISH GRADES EC-12 (A.SPAN)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, or Theatre .....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
SPAN 4330 Hispanic Civilizations .....	3
<b>Foreign Language (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core .....</b>	<b>52</b>
<b>Major: Spanish (44 credits) Required GPA for major is 2.8</b>	
SPAN 1401 Elementary Spanish I .....	4
SPAN 1402 Elementary Spanish II .....	4
SPAN 2301 Intermediate Spanish I.....	3
SPAN 2302 Intermediate Spanish II .....	3
SPAN 3311 Spanish Communication .....	3
SPAN 4302 Advanced Spanish Communication.....	3
SPAN 4311 Upper level Spanish Grammar .....	3
SPAN 4312 Spanish Linguistics .....	3
SPAN 3320 Intro to Hispanic Literature .....	3
SPAN 4320 Hispanic Literature.....	3
SPAN 4337 Capstone Course.....	3
SPAN 4140 Upper level Skills .....	1
SPAN 4240 Sem. Pedagogy and Context. Reading.....	2
SOCI 4353 Race, Class, Gender .....	3
SOCI 3303 Cultural Diversity .....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adol Students.....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class .....	3
EDUC 4379 Capstone Course: The Professional Teacher .	3
EDUC 4622 Student Teaching in Sec School .....	6

<b>Continued</b>	
Major/Education (no minor needed).....	68
Core.....	52
Electives .....	4
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required 42 upper level credits (3000 and 4000-level) required.	



<b>B.A. THEATRE GRADES EC-12 (A.THEA)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
(one language).....	14
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>60</b>
<b>Major: Theatre (43 credits) Required GPA for major is 2.6</b>	
THEA 1333 Introduction to Theatre .....	3
THEA 2303 Voice and Diction .....	3
THEA 2334 Acting I.....	3
THEA 2335 Stagecraft.....	3
THEA 3337 Theatre Lighting .....	3
THEA 3338 Costume Design.....	3
THEA 3339 Scene Design .....	3
THEA 4303 Modern Drama.....	3
THEA 4337 Directing.....	3
THEA 4341 Theatre Management .....	3
THEA 4345 Theatre History: Greeks to.....	3
THEA 4346 Theatre History: 18th Cent. to.....	3
THEA 1131,1132,1133,1134 Workshop .....	4
3 additional THEA credits.....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adolescent Students.....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4622 Student Teaching .....	6
<b>Major/Education (no minor needed).....</b>	<b>67</b>
<b>Core .....</b>	<b>60</b>
<b>TOTAL.....</b>	<b>127</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required	
42 upper level credits (3000 and 4000-level) required.	

<b>B.B.S. THEATRE GRADES EC-12 (A.THEA)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876.....	3
HIST 1302 U S History since 1876.....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology .....	3
ECON, HIST, POLS, PSYC, or SOCL.....	6
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core.....</b>	<b>52</b>
<b>Major: Theatre (43 credits) Required GPA for major is 2.6</b>	
THEA 1333 Introduction to Theatre .....	3
THEA 2303 Voice and Diction .....	3
THEA 2334 Acting I.....	3
THEA 2335 Stagecraft.....	3
THEA 3337 Theatre Lighting .....	3
THEA 3338 Costume Design.....	3
THEA 3339 Scene Design .....	3
THEA 4303 Modern Drama.....	3
THEA 4337 Directing.....	3
THEA 4341 Theatre Management .....	3
THEA 4345 Theatre History: Greeks to.....	3
THEA 4346 Theatre History: 18th Cent. to.....	3
THEA 1131,1132,1133,1134 Workshop .....	4
3 additional THEA credits .....	3
<b>Education (24 credits)</b>	
READ 3362 Read Instruction for Adolescent Students.....	3
EDUC 3334 Child/Adolescent Development.....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Educ. ....	3
EDUC 4371 Org/Mgmt for Teach in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher.....	3
EDUC 4622 Student Teaching .....	6
<b>Major/Education (no minor needed).....</b>	<b>67</b>
<b>Core .....</b>	<b>52</b>
<b>Electives .....</b>	<b>5</b>
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required	
42 upper level credits (3000 and 4000-level) required.	

<b>B.F.A. THEATRE – Theatre Education Track GRADES EC-12 (THEA.THED)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (FSSC 2120 and 2106 recommended) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
(one language).....	8
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
PSYC 3333 Educational Psychology .....	3
ECON, HIST, PSYC, POLS, or SOCI.....	6
(at least two fields) *(upper level credits recommended)	
<b>Technological Competency</b>	
EDUC 1306 Technology in Education .....	3
<b>Total Core .....</b>	<b>51</b>
<b>Major: Theatre (34 Credits)</b>	
Required GPA for major is 2.6	
THEA 1131,1132,1133,1134 Workshop.....	4
THEA 1333 Introduction to Theatre .....	3
THEA 2334 Acting I.....	3
THEA 2335 Stagecraft.....	3
THEA 3337 Theatre Lighting .....	3
THEA 3338 Costume Design .....	3
THEA 3339 Scene Design .....	3
THEA 4303 Modern Drama .....	3
THEA 4337 Directing.....	3
THEA 4345 Theatre History: Greeks to 18th Cent. ..	3
THEA 4346 Theatre History: 18th Cent. to Present .	3
<b>Theatre Education Track (12 credits)</b>	
THEA 2111, 3111, 4111 Voice, Diction & Dialects <b>OR</b>	
THEA 2303 Voice and Diction.....	3
THEA 2112, 3112, 4112 Theatrical Choreo./Dance ...	3
THEA 4341 Theatre Management <b>OR</b>	
MUSB 3301 Introduction to Fine Arts Management .....	3
THEA 4372 Educational Theatre.....	3
<b>Continued</b>	

Education (24 credits)	
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Education.....	3
EDUC 4371 Org/Mngt for Teach in Sec Class.....	3
EDUC 4379 Capstone: The Professional Teacher.....	3
EDUC 4622 Student Teaching .....	6
READ 3362 Read Instruction for Adol Students.....	3
<b>Major .....</b>	<b>70</b>
<b>Core .....</b>	<b>51</b>
<b>Electives.....</b>	<b>3</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required	
42 upper level credits (3000 and 4000-level) required	

## DEPARTMENT OF FITNESS AND SPORT SCIENCES

### Department Head

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### FACULTY

Lindsay Edwards, Ph.D., Assistant Professor  
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Corrie Reed, M.S.,  
Instructor

Edgar Reed, M.S., Instructor  
Charles W. Ruot, Ed.D., Professor  
David A. Stuckey, M.S., ATC, LAT, Associate Professor

The purposes of the Fitness and Sport Sciences Department are:

- To offer each student an opportunity to participate in wholesome, vigorous activities suited to individual needs and interests and to help promote healthier lifestyles.
- To aid the student in developing skills for recreational participation which can be carried on through life.
- To provide professional preparation for students who plan to teach physical education and/or coach athletics in the public schools.
- To provide professional preparation for students pursuing careers in Exercise Science; Fitness Recreation and Sports Management; or Athletic Training related fields.

The Fitness & Sport Sciences Department offers programs leading to a Bachelor of Behavioral Science degree in the following areas:

Athletic Training  
Exercise Science  
Physical Education -- Teacher Preparation All-Level (EC-12)  
Fitness, Recreation and Sports Management (minor required)

These four programs provide experiences that will ensure a broad educational background, provide basic concepts, principles, evaluation and administration of fitness and sport sciences programs. Students who plan to coach in public schools should opt for EC-12 Physical Education or another major that leads to teacher certification.

**General Education Requirements** – FSSC 1170 (Wellness for Life) and two credits of activity courses are required for all students for graduation. The FSSC department strongly recommends FSSC 1170 be the student's initial departmental course, followed by two additional activity credits in accordance with individual needs and interests. Beginning swimming (FSSC 1105) is recommended for those who do not know how to swim.

Transfer students who do not transfer sufficient fitness and sport sciences credit to meet the core requirements should enroll in a fitness and sport sciences activity course until the requirements for graduation are met. Transfer students' transcripts will be evaluated to see if they have taken a course equivalent to FSSC 1170; if not, they should enroll in FSSC 1170 at their earliest opportunity.

An individual who is under a physician's care and unable to participate in regular physical education activity classes must present a written statement from a licensed physician as to the nature of the condition and the extent to which the individual may participate in physical activity. Based upon the individual's condition as to "limited physical activity" or "no physical activity," the following programs are provided:

**Limited physical activity:** The student must enroll in three semester credits of FSSC 1113 Adapted Physical Activities. This is an individualized program designed to meet the limitations of the student and activities approved by the physician

**No physical activity:** The student must enroll in one of the following courses: FSSC 2303 Safety, First Aid and CPR or FSSC 3302 Essential Elements of Nutrition.

Students 35 years of age and older may satisfy the three-credit Fitness and Sport Sciences requirement as stated or have the option of completing FSSC 2303 Safety, First Aid and CPR or 3302 Essential Elements of Nutrition.

Any person who has been honorably discharged from the Armed Forces of the United States may receive one semester credit in fitness and sport sciences for the general education requirement for each six months active duty. A copy of DD Form 214 must be on file in the Registrar's office to establish credit.

Varsity athletics and/or club sports may be taken for only one fitness and sport sciences credit, in each sport of participation. These courses can count toward the three credits required for graduation provided the student is officially registered in the sport as a course during the semester he/she participated.

### ATHLETIC TRAINING PROGRAM

Upon successful completion of this degree program, students become eligible for athletic training licensure through the Texas Department of Health and certification by the Board of Certification, Inc. (BOC). The Athletic Training Education Program (ATEP) is accredited through the Commission on Accreditation of Athletic Training Education (CAATE) effective July 1, 2006. Students must graduate from a CAATE-accredited program to be eligible for BOC certification. **The ATEP reserves the right to modify graduation requirements at any time to maintain compliance with CAATE standards.**

The prospective athletic training student's initial semester is a pre-professional one, spent observing athletic trainers as well as other allied health and medical professionals, in various settings. In the last part of the fall semester of the student's initial year, if the student desires to pursue the professional portion of the ATEP, they will apply to enter the ATEP, through a competitive admissions process. Students will be rank ordered according to criteria published in the ATEP Student Handbook. Dependent upon program capacity, some otherwise qualified students may not be admitted. The students selected will be notified as soon as possible. Transfer students will apply under the same admissions process and should consult the ATEP Transfer Policy to understand what courses are eligible for examination to determine if credit can be awarded (available at <http://www.hsutx.edu/academics/irvin/athletictraining>). Prospective students should obtain current admission policies from the ATEP director.

Transportation arrangements to off-campus sites must be arranged and provided by the student. Many of these experiences occur during evenings, weekends and scheduled "breaks" outside the normal University calendar. A pre-entrance medical examination, vaccination record and a review of student abilities regarding ATEP technical standards, must be performed before entering the program. Additional costs associated with the ATEP are described in the ATEP Student Handbook, available from the ATEP director. Questions regarding the specific requirements of the pre-professional and/or competitive admissions policies should be brought to the ATEP director.

Before applying to enter the professional part of the program, prospective students should be aware that availability for and participation in various on- and off-campus clinical, intercollegiate and interscholastic practice and game settings is a program requirement. Some clinical sites may require a

criminal background check. Prospective students should also be aware of credentialing agency requirements regarding a candidate's previous criminal history. Students with a previous criminal history should direct questions regarding eligibility for athletic training licensure and/or certification to the ATEP director.

Completion of Introduction to Athletic Training (ATTR 1310), only offered in fall semesters, with a grade of B or higher is required for consideration for admission into the professional portion of the ATEP. Other requirements include an overall 2.5 GPA, completion of at least 12 credits and current first aid and CPR for the Professional Rescuer certifications. For a complete list of ATEP entrance requirements, students are referred to the ATEP Student Handbook. New students are admitted into the ATEP only in spring semesters.

Once accepted into the ATEP, the student must continue his/her successful completion of academic coursework and other continuing program benchmarks. Student compliance with these program benchmarks and clinical performance evaluations is assessed during each semester. **These benchmarks include maintaining a minimum 2.5 overall GPA and a minimum GPA of 3.0 in athletic training (ATTR) courses. ATEP students ARE REQUIRED TO MEET THESE GPA BENCHMARKS FOR GRADUATION.** A list of the evaluations and specific benchmarks is available from the ATEP director. The student who does not progress successfully is placed on probation or dismissed from the ATEP depending on the seriousness of the deficiency. Specific information concerning ATEP probation/dismissal policies is found in the ATEP Student Handbook, which is available from the ATEP director.

If a member of the athletic training faculty (classroom or clinical) believes that a student exhibits behavior or attitude characteristics not conducive or detrimental to performance as an athletic trainer, the faculty member shall raise the matter with the ATEP Director, who will then inform the student of the alleged misconduct or inappropriate attitude. The ATEP Director will then send a written statement to the student delineating the characteristics considered not conducive or detrimental to performance as an athletic trainer and delineating pertinent details of the alleged behavior, attitude or incident(s). The ATEP Director shall review the documentation and other pertinent information, meet with the student, and determine an appropriate action pertaining to retention, conditional retention, or dismissal from the ATEP. A record of the ATEP Director's decision shall be retained in the student's ATEP records and written notification of the action taken shall be sent to the student. The student may appeal the action of the ATEP Director pertaining to retention, conditional retention, or dismissal to the Dean of the Irvin School of Education and University Provost.

Any conduct or department not in harmony with that encouraged by University standards (see University Student Handbook) may constitute grounds for dismissal or other disciplinary action from the ATEP. Additionally, the Texas Advisory Board of Athletic Trainers, the National Athletic Trainers' Association, Inc. and the Board of Certification, Inc. are responsible for disciplining athletic trainers and applicants for licensure and certification for unethical conduct indicating unsuitability to be credentialed as an athletic trainer. These agencies and HSU's ATEP will enforce applicable Standards of Conduct (Advisory Board of Athletic Trainers available: at [http://www.dshs.state.tx.us/at/at\\_rules.shtml](http://www.dshs.state.tx.us/at/at_rules.shtml)), Standards of Professional Practice (Board of Certification, Inc. available: <http://www.boccatc.org/athtrainer/STDS/>), and Code of Ethics (National Athletic Trainers' Association, Inc. – available: [http://www.nata.org/codeofethics/code\\_of\\_ethics.pdf](http://www.nata.org/codeofethics/code_of_ethics.pdf)).

Athletic Trainers are employed in various settings including high school, college/universities, professional teams, and sports medicine clinics. Athletic training students planning on employment in the high school setting are strongly

encouraged to obtain certification for teaching in one or more fields.

**NOTE:** If you major in Athletic Training, a minor is not required.

#### EXERCISE SCIENCE PROGRAM

Various types of career opportunities are available. Examples include corporate wellness, community wellness, strength and conditioning, performance enhancement, personal training, fitness management, and medical sales. The exercise science major may also serve as pre-professional preparation for graduate studies in exercise science or selected allied health career tracks such as physical therapy, occupational therapy, physician assistant, and chiropractic. Students should examine entrance prerequisites for specific institutional programs. The program includes an internship as a capstone to the program. The internship site is selected by the student in consultation with their advisor and permission of the department head. **The application deadline is March 1 for summer and fall internships and October 1 for spring internships.** Students should have all arrangements made **prior** to registering for their internship course (FSSC 4607) or courses (FSSC 4307 and 4308). Questions regarding the internship should be directed to the internship coordinator or department head.

#### FITNESS, RECREATION AND SPORTS MANAGEMENT PROGRAM

Various types of career opportunities are available for graduates in this field including sporting goods retail and marketing, sports communication, fitness training, sports officiating, recreation management, nutritionist, and sports administration. The program includes an internship as a capstone experience. The internship site is selected by the student in consultation with their advisor and permission of the department head. **The application deadline is March 1 for summer and fall internships and October 1 for spring internships.** Students should have all arrangements made **prior** to registering for their internship course (FSSC 4607) or courses (FSSC 4307 and 4308). Questions regarding the internship should be directed to the internship coordinator or department head.

**Students in this program are NOT eligible for teacher certification upon graduation.**

#### EC-12 PHYSICAL EDUCATION TEACHER PREPARATION

This program is designed for students who want to become certified to teach physical education in the public schools. Students in this program must meet all standards to be admitted into the teacher education program (see page 94).

#### Courses in Fitness & Sport Sciences (FSSC)

- 1099 Special Topics (1-4 credits)
- 1100 Fitness Management (Activity)
- 1102 Jogging (Activity)
- 1103 Beginning Tumbling
- 1104 Advanced Tumbling / Gymnastics (Activity)
- 1105 Beginning Swimming (Activity)
- 1106 Advanced Swimming and Lifeguard Training (Activity)
- 1107 Basketball and Soccer (Activity)
- 1108 Varsity Volleyball (Activity)
- 1109 Varsity Basketball (Activity)
- 1110 Varsity Baseball (Activity)
- 1111 Varsity Soccer (Activity)
- 1112 Bench Aerobics (Activity)
- 1113 Adapted Physical Activities (Activity)
- 1114 Aerobics (Activity)
- 1115 White Horse (Activity)
- 1116 Volleyball/Softball (Activity)
- 1117 Strength and Flexibility (Activity)
- 1118 Advanced Weight Training (Activity)
- 1119 Varsity Football (Activity)
- 1120 Varsity Cheerleading (Activity)
- 1123 Aquacise (Activity)

1124 Drill Team (Activity)  
 1125 Beginning Self Defense (Activity)  
 1126 Advanced Self Defense (Activity)  
 1127 Theatrical Choreography (Activity)  
 1128 Snow Skiing (Activity)  
 1129 Cowboy Band (Activity)  
 1131 Handball (Activity)  
 1132 Advanced Handball (Activity)  
 1144 Scuba/Water Safety (Activity)  
 1150 Varsity Softball (Activity)  
 1151 Varsity Cross Country/Track Field (Activity)  
 1170 Wellness for Life  
 1301 Computer Applications in Fitness and Sports Science  
 2099 Special Topics (1-4 credits)  
 2101 Beginning Tennis (Activity)  
 2102 Intermediate Tennis (Activity)  
 2103 Bowling (Activity)  
 2104 Golf (Activity)  
 2105 Pickleball/Badminton (Activity)  
 2106 Folk Dance (Activity)  
 2107 Advanced Aerobics (Activity)  
 2108 Varsity Tennis (Activity)  
 2109 Varsity Golf (Activity)  
 2110 Racquetball (Activity)  
 2111 Wallyball  
 2112 Intermediate Racquetball (Activity)  
 2113 Advanced Folk Dance (Activity)  
 2114 Cycling  
 2116 Aerobic Walking  
 2118 Advanced Jogging  
 2119 Pilates  
 2120 Yoga Fitness  
 2300 Outdoor Education Activities  
 2301 Foundations of Fitness & Sport Sciences  
 2302 Basic Athletic Injury Care  
 2303 Safety, First Aid, and CPR  
 3099 (1-4 credits) Special Topics  
 3300 Physical Activities for Children  
 3302 Essential Elements of Nutrition  
 3303 Teaching Swimming and Water Safety  
 3305 History of Sport  
 3313 Kinesiology  
 3314 Physiology of Exercise  
 3320 Coaching Individual Sports  
 3321 Coaching Team Sports  
 3360 Instruction of Strength Training and Conditioning  
 4007 Outdoor Education Internship  
 4300 Senior Seminar  
 4301 Applied Motor Control/Learning and Adaptive Movement  
 4302 Sports, Fitness and Recreation Mgmt  
 4304 Statistical Methods  
 4305 Techniques of Physiological Fitness Assessment  
 4306 Adapted Fitness & Sport Sciences  
 4307 Internship I  
 4308 Internship II  
 4310 Exercise Prescription  
 4311 Essential Elements of Movement and Performance  
 4320 Coaching Football/Basketball  
 4321 Coaching Volleyball/Basketball  
 4322 Coaching Baseball/Softball  
 4323 Coaching Soccer/Track & Field  
 4333 Theory and Psychological Aspects of Coaching and Sports  
 4607 Internship

3351 Injury/Illness Evaluation II  
 3352 Injury/Illness Evaluation III  
 4321, 4322 Athletic Training Field Experience 5&6  
 4140 Pharmacology in Athletic Training  
 4141 Pathology of Athletic Injuries  
 4142 Medical Aspects of Sports  
 4143 Equipment Fitting, Bracing, & Orthotics  
 4144 Current Topics in Athletic Training  
 4240 Organization & Administration of Athletic Training Programs

#### **Courses in Athletic Training (ATTR)**

1122 Athletic Training 1  
 1310 Intro to Athletic Training  
 2321, 2322 Athletic Training Field Experience 1&2  
 2302 Basic Athletic Injury Care  
 3321, 3322 Athletic Training Field Experience 3&4  
 3310 Rehabilitation/Reconditioning for Athletic Training  
 3340 Therapeutic Modalities for Athletic Trainers  
 3350 Injury/Illness Evaluation I

<b>B.B.S. ATHLETIC TRAINING (ATTR)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1310 College Algebra .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC 1117 Strength and Flexibility .....	1
FSSC .....	1
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences (see major)</b>	
<b>Social Sciences</b>	
PSYC 1301 Introduction to Psychology .....	3
PSYC 4321 Psychological Counseling .....	3
ECON, HIST, POLS, or SOCI .....	12
<b>Technological Competency</b>	
FSSC 1301 Computer Apps in Fitness and Sports Science .....	3
<b>Total Core .....</b>	<b>51</b>
<b>Major: Athletic Training (73 credits)</b>	
Required GPA for major is 2.5	
ATTR 1310 Introduction to Athletic Training .....	3
ATTR 2321/2 Athletic Train. Field Exp. I/II .....	6
ATTR 2302 Basic Athletic Injury Care .....	3
ATTR 3321/2 Athletic Train. Field Exp. III/IV .....	6
ATTR 3310 Rehab/Recond for Ath. Training .....	3
ATTR 3340 Therapeutic Modalities for A. T. ....	3
ATTR 3350 Injury/Illness Evaluation I .....	3
ATTR 3351 Injury/Illness Evaluation II .....	3
ATTR 3352 Injury/Illness Evaluation III .....	3
ATTR 4321/2 Athletic Train. Field Exp. V/VI .....	6
ATTR 4140 Pharmacology in Ath. Training .....	1
ATTR 4141 Pathology of Athletic Injuries .....	1
ATTR 4142 Medical Aspects of Sports .....	1
ATTR 4143 Equip. Fitting, Bracing, & Orthotics .....	1
ATTR 4144 Current Topics in Ath. Training .....	1
ATTR 4240 Org./Adm. of Ath. Train. Prog. ....	2
FSSC 3302 Nutrition .....	3
FSSC 3313 Kinesiology .....	3
FSSC 3314 Physiology of Exercise .....	3
FSSC 3360 Instruction of Strength/Conditioning .....	3
FSSC 4304 Statistical Methods .....	3
BIOL 2410 Essentials of Human Ant./Phys .....	4
BIOL 3418 Advanced Human Anatomy .....	4
CHEM 1301/1101 Essentials Chemistry <b>or</b> .....	4
CHEM 1310/1110 General Chemistry I .....	4
<b>Major (no minor needed) .....</b>	<b>73</b>
<b>Core .....</b>	<b>51</b>
<b>TOTAL .....</b>	<b>124</b>
<p>Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.5 or higher to graduate. ATTR GPA of 3.0. 80 Chapel attendances and Writing Proficiency are required 42 upper level credits (3000 and 4000-level) required.</p>	

<b>B.B.S. EXERCISE SCIENCE (EXSC)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1310 College Algebra .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) (see major)	
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities) .....	3
<b>Natural &amp; Physical Sciences (see major)</b>	
<b>Social Sciences</b>	
PSYC 1301 Introduction to Psychology .....	3
PSYC upper level elective .....	3
ECON, HIST, POLS, or SOCI .....	12
<b>Technological Competency</b>	
FSSC 1301 Computer Apps in Fitness and Sports Science .....	3
<b>Total Core .....</b>	<b>49</b>
<b>Major: Exercise Science (65 credits)</b>	
FSSC 2301 Found. of Fitness/Sport Sciences .....	3
FSSC 2303 Safety, First Aid, and CPR .....	3
FSSC 3302 Essential Elements of Nutrition .....	3
FSSC 3313 Kinesiology .....	3
FSSC 3314 Physiology of Exercise .....	3
FSSC 3360 Inst. Of Strength Train/Cond. ....	3
FSSC 4300 Senior Seminar .....	3
FSSC 4301 Applied Motor Control/Learning and Adaptive Movement .....	3
FSSC 4302 Sports, Fitness/Recreation Mgmt. ....	3
FSSC 4304 Statistical Methods .....	3
FSSC 4305 Tech. of Physiological Fit. Assess. ....	3
FSSC 4310 Exercise Prescription .....	3
FSSC 4607 Internship <b>OR</b> .....	6
FSSC 4307 and 4308 Internship I and II	
FSSC 1100 Fitness Management .....	1
FSSC 2300 Outdoor Workshop (May Term) .....	3
Aqua (1105, 1106, 1123, 1144, 3303) .....	1
Racquet(1131, 1132, 2101, 2102, 2105,2110, 2112) <b>OR</b> .....	1
Strength (1117, 1118, 2119, 2120)	
Aerobic (1102, 1109, 1112, 1114, 2107, 2114, 2116, 2118) ....	1
BIOL 2402/3 Human Anatomy/Physiology .....	8
CHEM 1310/1 and 1110/1 General Chem. I/II .....	8
<b>Major (no minor needed) .....</b>	<b>65</b>
<b>Core .....</b>	<b>49</b>
<b>Electives .....</b>	<b>10</b>
<b>TOTAL .....</b>	<b>124</b>
<p>Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 80 Chapel attendances and Writing Proficiency are required 42 upper level credits (3000 and 4000-level) required.</p>	

**B.B.S.**  
**MAJOR: FITNESS, RECREATION AND SPORTS**  
**MANAGEMENT (FRSM)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) (see major)	
<b>Fine Arts &amp; Literature</b>	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
4 hr lab (BIOL 2402 or BIOL 2410 ) .....	4
Other Science .....	3
<b>Social Sciences</b>	
ECON, HIST, POLS, PSYC, or SOCI .....	18
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
FSSC 1301 Computer Apps in Fitness and Sports Science .....	3
<b>Total Core .....</b>	<b>56</b>
<b>Major: Fitness, Recreation and Sports Management</b>	
(34 credits)	
FSSC 2301 Found. of Fitness/Sport Sciences .....	3
FSSC 2303 Safety, First Aid, and CPR .....	3
FSSC 3313 Kinesiology.....	3
FSSC 3314 Physiology of Exercise. ....	3
FSSC 4300 Senior Seminar .....	3
FSSC 4302 Sports, Fitness/Recreation Mgmt. ....	3
FSSC 4304 Statistical Methods .....	3
FSSC 4607 Internship <b>OR</b>	
FSSC 4307 and 4308 Internship I and II .....	6
FSSC 1100 Fitness Management.....	1
FSSC 2300 Outdoor Workshop (May Term) .....	3
Aqua-related Activity (1105, 1106, 1123, 3303).....	1
Other activity course .....	1
Other activity course .....	1
<b>Minor (minimum 18 credits)</b>	
(Except Exercise Science and Coaching)	
Minor .....	18
<b>Major/Minor .....</b>	<b>52</b>
<b>Core .....</b>	<b>56</b>
<b>Electives .....</b>	<b>16</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.0 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

Non-teacher certification degree.

<b>B.B.S. PHYSICAL EDUCATION GRADES EC-12 (A.PHED)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
Quantitative Reasoning	
MATH 1301 Aspects of Modern Math.....	3
Fitness Education	
FSSC 1170 Wellness for Life (see major)	
FSSC (X2) (see major)	
Fine Arts & Literature	
FINE ARTS from Art, Music, or Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities) .....	3
Natural & Physical Sciences	
4 hour lab(BIOL 2402 or BIOL 2410 ) .....	4
Other science .....	3
Social Sciences	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government .....	3
PSYC 3333 Educational Psychology.....	3
ECON, HIST, POLS, PSYC, or SOCI.....	6
Technological Competency (see major)	
<b>Total Core .....</b>	<b>52</b>
Major: Physical Education (45 credits) Required GPA for major is 2.6	
FSSC 1100 Fitness Management .....	1
FSSC 1105 Beginning Swimming .....	1
FSSC 1170 Wellness for Life .....	1
FSSC 1301 Computer App. In Phys. Educ. ....	3
FSSC 2300 Outdoor Education Activities (May Term) .....	3
FSSC 2301 Foundations of Fitness/Sport Sci. ....	3
FSSC 2302 Basic Athletic Injury Care <b>OR</b>	
FSSC 2303 Safety, First Aid, and CPR .....	3
FSSC 3300 Physical Activities For Children.....	3
FSSC 3313 Kinesiology.....	3
FSSC 3314 Physiology of Exercise. ....	3
FSSC 4300 Senior Seminar .....	3
FSSC 4301 Applied Motor Control/Learning and Adaptive Movement.....	3
FSSC 4302 Sports, Fitness & Rec Mgmt.....	3
FSSC 4304 Statistical Methods .....	3
FSSC 4311 Ess. Elements of Sec. PE .....	3
3 additional FSSC activity courses (1-credit each) .....	3
FSSC 3320 Coaching Ind. Sports <b>OR</b> .....	3
FSSC 3321 Coaching Team Sports	

<b>Continued</b>	
Education (24 credits)	
READ 3362 Reading Instruct. for Adolescent.....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class.....	3
EDUC 4340 Current Issues in Special Ed.....	3
EDUC 4379 Capstone Course: The Professional Teacher ..	3
EDUC 4622 Student Teaching.....	6
<b>Major/Education (no minor needed) .....</b>	<b>69</b>
Core .....	52
Electives .....	3
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 80 Chapel attendances and Writing Proficiency are required 42 upper level credits (3000 and 4000-level) required.	

<b>B.A., B.B.S. MINOR: EXERCISE SCIENCE (EXSC)</b>	
	Credits
Minor: Exercise Science (22 credits)	
FSSC 2301 Found. of Fitness/Sport Sciences.....	3
FSSC 2303 Safety, First Aid, and CPR.....	3
FSSC 3314 Physiology of Exercise .....	3
FSSC 4305 Tech. of Physiological Fit. Assess. ....	3
FSSC upper level elective .....	3
FSSC upper level elective .....	3
FSSC 1100 Fitness Management .....	1
Aqua-related Activity (1105, 1106, 1123, 3303) .....	1
Racquet -related activity (1131, 1132,2101, 2102, 2105, 2108, 2110, 2112) .....	1
Aerobic-related activity (1102, 1109, 1111, 1112, 1114, 2107, 2114, 2116, 2118) .	1
<b>TOTAL .....</b>	<b>22</b>

<b>B.B.S. MINOR: COACHING (COAC)</b>	
	Credits
Minor: Coaching (18 credits)	
FSSC 2302 Basic Athletic Injury Care .....	3
FSSC 3313 Kinesiology.....	3
FSSC 3314 Physiology of Exercise .....	3
FSSC 4333 Theory & Psychological Aspects of Coaching & Sports.....	3
Choose 2 of the following.....	6
FSSC 3320 Coaching Individual Sports	
FSSC 3321 Coaching Team Sports	
FSSC 3303 Teaching Swimming and Water Safety	
FSSC 3360 Instruction of Strength Training & Conditioning	
<b>TOTAL .....</b>	<b>18</b>



## COLLEGE OF FINE ARTS

The College of Fine Arts offers programs of instruction in the visual and performing arts. In addition to degree programs, the College of Fine Arts supports the Foundational Curriculum which requires that all students receive instruction in fine arts. Students may choose from any area of art, music or theatre to fulfill the fine arts requirement.

The College of Fine Arts offers the following degree programs:

### Bachelor of Arts

- Art Education
- Art General Studio
- Art Graphic Design
- Music
- Music-Business Emphasis
- Theatre

### Bachelor of Behavioral Science

- Theatre

### Bachelor of Fine Arts

- Art 3-D
- Art Graphic Design
- Art Painting and Drawing
- Art Photography
- Art Printmaking
- Theatre – Acting
- Theatre – Education
- Theatre – Musical Theatre
- Theatre – Stage Management
- Theatre – Theatre Design

### Bachelor of Music

- Church Music
- Music Education – Choral or Instrumental
- Music Performance – Keyboard, Strings, Vocal, or Wind/Brass/Percussion
- Music – Theory and Composition

Students may also choose a minor from art, music or theatre.

## DEPARTMENT OF ART

### Department Head

Michael Jones  
325-671-5765  
HSU Box 16085  
mjones@hsutx.edu

### FACULTY

Linda Fawcett, M.F.A., Professor  
Carrie Jones, M.F.A., Assistant Professor  
Michael H. Jones, Jr., M.F.A., Professor  
Steve Neves, M.F.A., Associate Professor

**Objectives** – The art curriculum is designed to provide direction and stimulation to student artists as they pursue their individualized programs of study. Ample time is set aside in all studio courses for constructive individual and group criticism and discussion.

The freshman art core will provide the basic but crucial skills of drawing, the principles and elements of 2D and 3D design, and an introduction to personal expression and concept development using basic media.

The graphic design curriculum will train students to be conversant in up-to-date imaging technologies. Students will be taught creativity, conceptual development, and effective visual communication via assignments requiring analysis/critique of current cultural trends, appetites, values and dilemmas.

The art education program is intended for students planning to be certified teachers of children in grades K-12 reflecting state and national standards for the discipline of art.

General studio classes beyond the freshman core are provided to sharpen problem-solving skills in terms of more specialized media. A further emphasis is placed on the development of a uniquely personal relationship between idea and execution.

Art appreciation (Introduction to the Visual Arts) is designed to draw non-art major students into a new awareness of the visual arts by bringing together art theory, practice, and history.

Art history classes are considered a vital support for all art majors and minors. Focus is placed on the relationship between historical events, cultural values, and art execution. Students are taught to make cross-disciplinary connections between artistic production and diverse subjects such as the other arts, geography, religion, philosophy, psychology, and politics. Student artists learn by example how to relate their own art to contemporary context.

**Major:** The Art department offers the Bachelor of Fine Arts, and the Bachelor of Arts degrees. The B.F.A. is considered a professional degree and an industry/academic standard. It is superior to the B.A. in Art for those art majors who wish to pursue graduate school (the M.F.A.) and also provides more courses and in-depth preparation for those going directly into the work force. The B.F.A. in studio art is available with the following emphases: Painting and Drawing, 3-D Art (Ceramics/Sculpture), Photography, and Printmaking. Additionally, the B.F.A. in Graphic Design is designed for those students wishing to pursue an M.F.A. or a more prestigious career in Graphic Design. B.F.A. degrees in studio art require a senior exhibition; the senior project required for the graphic design major will be either: senior exhibition **or** senior portfolio. For specific requirements

leading to all three degrees, please refer to the degree plans following this portion of the catalog.

**Minor:** A minor in art is offered to students pursuing a Bachelor of Arts or Bachelor of Behavioral Science degree. Requirements for this minor are listed at the end of degree plans for Art degrees.

**The Department of Art is a member of the Texas Association of Schools of Art, Texas Art Education Association, and has a student chapter of the Kappa Pi National Honorary Art Fraternity.**

All candidates for the Bachelor of Arts and Bachelor of Fine Arts degrees with an art major are encouraged to have an exhibition of their work during their senior year. The Department of Art reserves the right to retain any work for exhibition purposes and for its permanent collection.

**Teacher Preparation Program** - Students seeking teacher preparation in art should refer to the Irvin School of Education section of this catalog for a listing of the teaching major or minor and all other Texas preparation requirements.

#### Courses in Art (ART)

1300 Introduction to the Visual Arts  
 1301 Drawing I  
 1302 Design I  
 1311 Drawing II  
 2099 (1-4 credits) Special Topics  
 2301 Drawing III  
 2302 3-D Design  
 2306 Art History Survey I  
 2307 Art History Survey II  
 2313 Oil Painting  
 2314 Printmaking I  
 2315 Sculpture I  
 2317 Ceramics I  
 2321 Introduction to Graphic Design  
 2382 Fundamentals of Photography – Darkroom Techniques  
 3099 (1-4 credits) Special Topics  
 3301 Advanced Figure Drawing  
 3311 Public School Art, Elementary  
 3312 Public School Art, Secondary  
 3320 Photoshop for the Graphic Designer  
 3322 Illustration  
 3323 Acrylic Painting  
 3324 Printmaking II  
 3325 Sculpture II  
 3327 Ceramics II  
 3328 Art Photography Portfolio  
 3330 Computer Vector Animation  
 3333 Watercolor Painting  
 3334 Printmaking III  
 3352 Typography & Brand Identity  
 3385 Commercial Photography  
 4000 Senior Project  
 4099 (1-4 credits) Special Topics  
 4306 History of Modern Art Until 1945  
 4307 History of Art Since 1945  
 4308 History of Graphic Design  
 4313 Advanced Painting  
 4315 Sculpture III  
 4317 Ceramics III  
 4318 Advanced Photography  
 4325 Creative Web Design  
 4326 Sculpture IV  
 4327 Ceramics IV  
 4328 Digital Photography  
 4330 Computer 3-D Animation  
 4333 Experimental Painting  
 4334 Printmaking IV  
 4338 Advanced Art Photography Portfolio  
 4344 Printmaking V  
 4354 Printmaking VI

4355 Advanced Publication Design and Packaging  
 4360 Professional Seminar  
 4389 Internship

<b>B.A. ART GENERAL STUDIO (ART)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
(see Art History in major)	
Foreign Language	
(one language).....	14
Natural & Physical Sciences	
4 hour lab.....	4
Other science .....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI.....	12
(at least two fields with six credits in same field)	
Technological Competency	
(see major)	
<b>Total Core.....</b>	<b>57</b>
Major: Art (48 credits)	
ART 1301 Drawing I.....	3
ART 1302 Design I .....	3
ART 1311 Drawing II .....	3
ART 2302 3-D Design .....	3
ART 2313 Oil Painting.....	3
ART 2314 Printmaking I.....	3
ART 2315 Sculpture I or ART 2317 Ceramics I.....	3
ART 2321 Introduction to Graphic Design (fulfills core) ..	3
ART 2382 Fundamentals of Photography .....	3
ART 4360 Professional Seminar .....	3
Art History .....	3
Art History (upper level) .....	3
ART upper level elective.....	12
Minor (minimum 18 credits)	
Minor.....	18
<b>Major/Minor.....</b>	<b>66</b>
<b>Core.....</b>	<b>57</b>
<b>Electives .....</b>	<b>1</b>
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required 42 upper level credits (3000 and 4000-level) required.	

**B.A.  
ART  
GRADES EC-12 (A.ART)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 Aspects of Modern Math.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
One Language.....	14
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 American Government.....	3
PSYC 3333 Educational Psychology.....	3
<b>Technological Competency</b>	
EDUC 1306 Technology in Education .....	3
<b>Total Core</b> .....	<b>60</b>
<b>Major: Art (48 credits)</b>	
Required GPA for major is 2.6	
ART 1301/1311 Drawing I & II .....	6
ART 1302 Design I .....	3
ART 2302 3-D Design.....	3
ART 2313 Oil Painting.....	3
ART 2314 Printmaking I .....	3
ART 2315 Sculpture I <b>OR</b> ART 2317 Ceramics I.....	3
ART 2321 Introduction to Graphic Design.....	3
ART 2382 Fundamentals of Photography .....	3
ART 4360 Professional Seminar .....	3
Art History (3 upper level) .....	6
ART upper level elective .....	12
<b>Education (24 credits)</b>	
READ 3362 Reading Instruct. for Adolescent.....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Ed .....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class.....	3
EDUC 4379 Capstone Course: The Professional Teacher	3
EDUC 4622 Student Teaching .....	6
<b>Major/Education (no minor needed)</b> .....	<b>72</b>
<b>Core</b> .....	<b>60</b>
<b>TOTAL</b> .....	<b>132</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
42 upper level credits (3000 and 4000-level) required.

80 Chapel attendances and Writing Proficiency are required.

**B.A.  
ART GRAPHIC DESIGN  
(GART)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
(see Art History in major)	
<b>Foreign Language</b>	
(one language).....	14
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
(see major)	
<b>Total Core</b> .....	<b>57</b>
<b>Major: Art (48 credits)</b>	
ART 1301 Drawing I .....	3
ART 1302 Design I .....	3
ART 1311 Drawing II .....	3
ART 2302 3-D Design .....	3
ART 2321 Introduction to Graphic Design (fulfills core) ..	3
ART 2382/3328 Fund of Photo/Art Photo .....	3
ART 3322 Illustration .....	3
ART 3352 Typography & Brand Identity .....	3
ART 3320 Photoshop Graphic Designer .....	3
ART 4325 Creative Web Design.....	3
ART 4355 Adv. Publication Design Pack. ....	3
ART 4360 Seminar .....	3
Art History .....	6
Art Elective .....	3
Studio Elective .....	3
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor</b> .....	<b>66</b>
<b>Core</b> .....	<b>57</b>
<b>Electives</b> .....	<b>1</b>
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

<b>B.F.A. ART 3D CONCENTRATION (3D)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS from Music or Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
(see major)	
Foreign Language	
(one language).....	8
Natural & Physical Sciences	
4 hour lab .....	4
Other science.....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	9
(at least two fields)	
Technological Competency (see foundation art core)	
<b>Total Core.....</b>	<b>51</b>
Foundation Art Core (48 Credits)	
ART 1301, 1311, 2301 Drawing I, II, III.....	9
ART 1302 Design I.....	3
ART 2302 3-D Design.....	3
ART 2306, 2307 Art History Survey I, II.....	6
ART 2313, 3323, or 3333 Oil, Acrylic, or Watercolor .....	3
ART 2314 Printmaking I.....	3
ART 2315 Sculpture I.....	3
ART 2317 Ceramics I.....	3
ART 2321 Introduction to Graphic Design (fulfills core)....	3
ART 2382 Fundamentals of Photography.....	3
ART 4306 History of Modern Art Until 1945 .....	3
ART 4307 History of Art Since 1945 .....	3
ART 4000 Senior Project .....	0
ART 4360 Professional Seminar (Capstone).....	3
3-D Concentration (12 credits)	
12 credits from the following courses:.....	12
ART 3325 Sculpture II	
ART 4315 Sculpture III	
ART 4326 Sculpture IV	
ART 3327 Ceramics II	
ART4317 Ceramics III	
ART4327 Ceramics IV	
Art Electives (15 credits)	
ART upper level electives.....	15
<b>Major (total Art credits).....</b>	<b>75</b>
<b>Core.....</b>	<b>51</b>
<b>TOTAL.....</b>	<b>126</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

<b>B.F.A. ART GRAPHIC DESIGN CONCENTRATION (GRAPHIC-ARTS)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS from Music or Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
(see major)	
Foreign Language	
(one language).....	8
Natural & Physical Sciences	
4 hour lab.....	4
Other science.....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	9
(at least two fields)	
Technological Competency (see Graphic Design Concentration)	
<b>Total Core.....</b>	<b>51</b>
Foundation Art Core (45 Credits)	
ART 1301, 1311, 2301 Drawing I, II, III.....	9
ART 1302 Design I.....	3
ART 2302 3-D Design.....	3
ART 2306, 2307 Art History Survey I, II.....	6
ART 2313, 3323, or 3333 Oil, Acrylic, or Watercolor.....	3
ART 2314 Printmaking I.....	3
ART 2315 or 2317 (Sculpture I or Ceramics I) .....	3
ART 2382 Fundamentals of Photography .....	3
ART 4306 History of Modern Art Until 1945.....	3
ART 4000 Senior Project .....	0
ART 4360 Professional Seminar (Capstone).....	3
ART elective .....	3
ART upper level elective.....	3
Graphic Design Concentration (30 credits)	
ART 2321 Introduction to Graphic Design (fulfills core) ..	3
ART 3320 Photoshop for Graphic Designer.....	3
ART 3322 Illustration .....	3
ART 3330 Computer 2D Animation .....	3
ART 3352 Typography & Brand Identity.....	3
ART 4308 History of Graphic Design.....	3
ART 4325 Creative Web Design.....	3
ART 4330 Computer 3D Modeling.....	3
ART 4355 Adv Publication Design & Packaging .....	3
ART upper level elective.....	3
<b>Major (total Art credits).....</b>	<b>75</b>
<b>Core.....</b>	<b>51</b>
<b>TOTAL.....</b>	<b>126</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

**B.F.A.**  
**ART PAINTING & DRAWING**  
**(PAINT/DRAWING)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS from Music or Theatre.....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
(see major)	
Foreign Language	
(one language).....	8
Natural & Physical Sciences	
4 hour lab .....	4
Other science.....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	9
(at least two fields)	
Technological Competency (see foundation art core)	
<b>Total Core.....</b>	<b>51</b>
Foundation Art Core (45 Credits)	
ART 1301, 1311, 2301 Drawing I, II, III.....	9
ART 1302 Design I .....	3
ART 2302 3-D Design.....	3
ART 2306, 2307 Art History Survey I, II.....	6
ART 2313 Oil Painting.....	3
ART 2314 Printmaking I.....	3
ART 2315 or 2317 Sculpture I or Ceramics I .....	3
ART 2321 Introduction to Graphic Design (fulfills core)...	3
ART 2382 Fundamentals of Photography .....	3
ART 4306 History of Modern Art Until 1945.....	3
ART 4307 History of Art Since 1945.....	3
ART 4000 Senior Project .....	0
ART 4360 Professional Seminar (Capstone).....	3
Painting & Drawing Concentration (15 credits)	
ART 3301 Advanced Figure Drawing .....	3
ART 3323 Acrylic Painting .....	3
ART 3333 Watercolor Painting .....	3
ART 4313 Advanced Painting.....	3
ART 4333 Experimental Painting.....	3
Art Electives (15 credits)	
ART upper level electives .....	15
<b>Major (total Art credits).....</b>	<b>75</b>
<b>Core .....</b>	<b>51</b>
<b>TOTAL.....</b>	<b>126</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

**B.F.A.**  
**ART PHOTOGRAPHY CONCENTRATION**  
**(PHOTOGRAPHY)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2).....	2
Fine Arts & Literature	
FINE ARTS from Music or Theatre.....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
(see major)	
Foreign Language	
(one language).....	8
Natural & Physical Sciences	
4 hour lab .....	4
Other science .....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	9
(at least two fields)	
Technological Competency (see foundation art core)	
<b>Total Core .....</b>	<b>51</b>
Foundation Art Core (45 Credits)	
ART 1301, 1311, 2301 Drawing I, II, III .....	9
ART 1302 Design I.....	3
ART 2302 3-D Design .....	3
ART 2306, 2307 Art History Survey I, II.....	6
ART 2313, 3323, or 3333 Oil, Acrylic, or Watercolor.....	3
ART 2314 Printmaking I.....	3
ART 2315 or 2317 Sculpture I or Ceramics I .....	3
ART 2321 Introduction to Graphic Design (fulfills core) ..	3
ART 2382 Fundamentals of Photography .....	3
ART 4306 History of Modern Art Until 1945.....	3
ART 4307 History of Art Since 1945.....	3
ART 4000 Senior Project .....	0
ART 4360 Professional Seminar (Capstone).....	3
Photography Concentration (15 credits)	
ART 3328 Art Photography Portfolio .....	3
ART 3385 Commercial Photography .....	3
ART 4318 Advanced Photography .....	3
ART 4328 Digital Photography .....	3
ART 4338 Advanced Art Photography Portfolio .....	3
Art Electives (15 credits)	
ART upper level electives .....	15
<b>Major (total Art credits) .....</b>	<b>75</b>
<b>Core .....</b>	<b>51</b>
<b>TOTAL .....</b>	<b>126</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

**B.F.A.  
ART PRINTMAKING  
(PRINTMAKING)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS from Music or Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
(see major)	
Foreign Language	
(one language) .....	8
Natural & Physical Sciences	
4 hour lab.....	4
Other science .....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI.....	9
(at least two fields)	
Technological Competency (see foundation art core)	
<b>Total Core .....</b>	<b>51</b>
Foundation Art Core (45 Credits)	
ART 1301, 1311, 2301 Drawing I, II, III .....	9
ART 1302 Design I .....	3
ART 2302 3-D Design .....	3
ART 2306, 2307 Art History Survey I, II.....	6
ART 2313, 3323, or 3333 Oil, Acrylic, or Watercolor.....	3
ART 2314 Printmaking I.....	3
ART 2315 or 2317 (Sculpture I or Ceramics I) .....	3
ART 2321 Introduction to Graphic Design (fulfills core) ..	3
ART 2382 Fundamentals of Photography .....	3
ART 4306 History of Modern Art Until 1945.....	3
ART 4307 History of Art Since 1945.....	3
ART 4000 Senior Project .....	0
ART 4360 Professional Seminar (Capstone).....	3
Printmaking Concentration – (15 credits)	
ART3324 Printmaking II .....	3
ART 3334 Printmaking III .....	3
ART 4334 Printmaking IV .....	3
ART 4344 Printmaking V .....	3
ART 4354 Printmaking VI.....	3
Art Electives (15 credits)	
ART upper level electives .....	15
<b>Major (total Art credits) .....</b>	<b>75</b>
<b>Core .....</b>	<b>51</b>
<b>TOTAL .....</b>	<b>126</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

**B.A., B.B.S.  
MINOR - ART  
(ART)**

	Credits
Minor: Studio Art (24 credits)	
ART 1301 Drawing .....	3
ART 1302 Design I .....	3
ART History (lower or upper level) .....	3
ART studio elective.....	9
ART studio elective (upper level) .....	6
<b>TOTAL.....</b>	<b>24</b>
Art majors taking art minor may replace ART1301/1302	

**SCHOOL OF MUSIC**

<http://www.hsutx.edu/academics/somfa/music>

**FACULTY**

Lynnette Chambers, D.M.A., Professor of Voice  
 Hye-Jean Choi, A.B.D., Assistant Professor of Organ  
 Jeff Cottrell, D.M.A., Assistant Professor of Low Brass and Theory  
 Wayne Dorothy, D.A., Professor of Music and Director of Bands  
 Christopher Hollingsworth, D.M.A., Assistant Professor of Voice  
 Leigh Anne Hunsaker, Ph.D., Dept Head: Music Education; Professor of Music Educ/Trumpet  
 Kristin Isaacson, D.M.A., Assistant Professor of Cello and String Bass  
 Peter Isaacson, D.M.A., Associate Professor of Violin and Director of Orchestra  
 Jayne Middleton, D.M.A., Associate Dean, College of Music and Fine Arts, Dept. Head: Performance, Professor of Voice  
 Lauren J. Puckett, M.M., Associate Professor of Piano  
 Mark Puckett, D.M.A., Professor of Piano  
 Melody Rich, D.M.A., Associate Professor of Voice  
 Dee Romines, D.M.A., Associate Professor of Music Educ  
 Bernard Scherr, Ph.D., Dept Head: Music Theory & Composition; Professor  
 Larry Wolz, Ph.D., Dept Head: Music History & Literature; Professor of Music History and Literature  
 Clell Wright, D.M.A., Dept Head: Church Music; Associate Professor of Church Music

Hardin-Simmons University School of Music is the first school of music in the State of Texas accredited by the National Association of Schools of Music. They have been fully accredited by this organization since 1930.

**Objectives** - The School of Music serves as a professional school offering the Bachelor of Music degree to prepare students for careers in music education, music ministry, performance, and theory/composition. A minor in another area of study is not required on the Bachelor of Music degree, but may certainly be sought. For specific requirements leading to this degree, please refer to the degree plans following this portion of the catalog.

**Major:** A Bachelor of Arts degree with a major in music and a chosen minor is offered for students interested in a greater concentration in liberal arts. A Bachelor of Arts degree with a major in music and a minor in business administration is offered for students interested in pursuing a career in music business. In addition, the School of Music provides opportunities for creative, culturally enriching experiences for the university community. Emphasis is on academic excellence, creativity, and aesthetic and spiritual growth. For specific requirements leading to this degree, please refer to the degree plans following this portion of the catalog.

**Minor:** A minor in music is offered to students pursuing a Bachelor of Arts or Bachelor of Behavioral Science degree. Requirements for this minor are listed at the end of this section.

**Course Offerings** - Undergraduate courses are offered in music education, church music, music business, music history and literature, performance, theory/composition, band, choir, opera, and orchestra. Current musical activities and organizations are open to any student (in some cases by audition). In today's complex society, the need persists for the educated person to be aware of the important role of the arts. Discipline and sensitivity developed by the study of music provides an excellent background for a variety of careers.

**Entrance Requirements** - Any student expecting to major or minor in music should present at least one unit of high school credit in music or its equivalent. Before a student is accepted for a degree major or minor in the School of Music, he/she must evidence sufficient ability to pursue music work at the college level. Prospective music majors must audition with a representative performance in his/her principal performance area. Following the audition, the student will receive written notification regarding admission to the School of Music. In addition, the student must evidence in a written examination, a thorough knowledge of the rudiments of music. During the first week of classes, each freshman and transfer student will have the following requirement: a placement audition in the student's applied discipline, a music theory diagnostic exam, and a piano placement audition. Results of these tests will place the student in proper course sequence. A student who does not successfully complete the entrance placement exams in theory and/or the placement auditions in piano and applied discipline may be placed in rudimentary level courses. These rudimentary courses are designed to prepare students for college level music study and will not count towards degree requirement credit. Upon successful completion of the rudimentary course(s), and with the recommendation of the respective professor, the student will advance to the credited course sequence.

**Ensemble Requirements for Music Majors and Minors**

- All BM students will be required a minimum of seven or eight semester hours of large ensemble participation (see appropriate degree plan) with the exception of qualified piano accompanists who wish to enroll in Piano Ensemble for the purpose of accompanying private lessons. Additional hours of elective credit may also be taken in large or small ensembles.

It is recommended that full-time music majors and applied students participate in a large ensemble each semester they are enrolled in the University beyond the required semesters on their degree plan. Performance majors are required also to participate in small ensembles.

All Bachelor of Arts students with a major in music will be required to complete a minimum of six semester hours of large ensemble, three of which may be credited to the humanities core. All Bachelor of Arts students with the minor in music will be required to complete a minimum of four semester hours of large ensemble.

**Comprehensive Examinations** - At the completion of the sophomore year, all students majoring in music must successfully complete an examination in keyboard, written harmony, sight-singing, ear-training, and an oral examination in music literature. Sophomore comprehensives may be taken only after completion of the first two years of theory, both semesters of music literature (MUHL 2241, 2242) and, for voice principals and majors, both sections of diction (MUPC 1125, 1126.) When these courses and examinations have been successfully passed, the student will be admitted without probation into upper-division courses. If any portion of the comprehensive examination is not passed, the student may be required to do additional work in order to remove any deficiencies. No student will be permitted to register for music theory and/or music history courses at the junior level without having taken, or made arrangements for taking, sophomore comprehensives.

One semester before graduation, all senior candidates for the Bachelor of Music and Bachelor of Arts degrees must successfully complete a written and/or oral examination covering all phases of their undergraduate work in music. A student may be required to do additional work without credit to remove any deficiencies. A student will be allowed to register for the final semester only after the comprehensive exam has been completed or arrangements for taking it have been made.

Piano Proficiency - All music majors (B.M. degree) must pass the piano proficiency requirement. The requirements for all majors, are as follows: (a) harmonization of simple accompaniments to melodies using triads; (b) sight-reading of hymns with key signatures of up to three sharps or flats; (c) sight-reading of simple piano music; (d) a memorized piece of the level of a Sonata; (e) score reading appropriate to the student's major; (f) major and harmonic minor scales with key signatures of up to three sharps or flats, played two octaves, hands together; and (g) cadence patterns in every key. *The seven parts of the piano proficiency should be passed by the end of the sophomore year and must be passed before student teaching begins. The student must continue to enroll in piano until six (of the seven) parts of the proficiency are passed. Students must successfully complete the remaining portion of the piano proficiency exam the following semester, or must re-enroll in piano lessons. Should a student withdraw from piano study prior to the end of the semester, an automatic grade of "WF" will be assigned.*

Recitals - Music students, faculty members, guest artists and University ensembles present recitals and concerts throughout the year which are open to the public. Graduation requirements for music majors include attendance at 15 recital/concerts per semester. The number of semesters required is as follows: B.M. degree - eight semesters, B. A. degree - six semesters, and four semesters for music minors. All music majors and minors should register for CONC 1000 in order to have recital credit registered on their official transcript. A grade of credit (CR) or no credit (NC) will be used to show the completion of each semester's recital attendance requirement.

All music majors enrolled in private instruction are required to perform on a student recitals—each semester. A solo performance recital is required for the following majors: performance (one-half hour junior and one hour senior recital), music education, church music, and theory composition (one-half hour senior recital). The theory/composition major may perform in the principal area and must present some original compositions.

**Scholarships** - Scholarships are awarded by audition to students who major in music and/or to students who participate in ensembles. Both departmental and endowed scholarships are available. See the chapter on Student Financial Aid for a description of endowed scholarships. Application for scholarships should be made to the School of Music during the scholastic year prior to enrollment at HSU.

**Music Student Handbook** - A *School of Music Student Handbook* is issued to all incoming music majors. It contains detailed information on policies and regulations governing music degrees, and should be used in conjunction with the *Undergraduate Catalog* in planning any academic program in music.

## DEPARTMENT OF PERFORMANCE STUDIES

**Objectives** - Through intensive study of the literature, courses in performance provide the student with opportunities for developing performance and pedagogical skills in primary and/or secondary areas.

### Major, Principal and Secondary Performance Areas

Each student majoring in music must declare a principal area (instrument or voice) to be studied privately. Requirements for entry as a principal are defined in the appropriate sections under Courses in Performance Studies.

Depending upon the principal performance area, a secondary performance area may be required, and those students who are not so required may still elect to pursue a secondary area. All new students must audition before area faculty for placement in private study.

Students intending to major in performance must be approved through two auditions. The first audition will be before the major area faculty and, following their approval, the second before the full performance faculty. Students pursuing a Bachelor of Music degree with a major in performance must complete a minimum of 22 credits of private instruction in the major area.

Students pursuing a Bachelor of Music degree with a major in church music or music education must complete a minimum of 12 and 14 credits of private study respectively in the principal performance area, while those majoring in music theory/composition must complete 16 credits.

Students pursuing a Bachelor of Arts degree with a major in music must complete a minimum of 8 credits of private study in the performance areas of their choice. Four of these credits must be upper level.

All students pursuing a Bachelor of Music degree studying voice as their principal performance area, including music education majors with a choral emphasis, regardless of principal instrument, are required to take both semesters of diction. Pedagogy requirements vary by instrument and choice of major.

Conducting may be used as a secondary field only.

**Secondary Emphasis (Any instrument)** - At the completion of performance studies 21X1 (one hour credit, second semester), students are expected to have achieved reasonable proficiency in the area. One hour of credit is given for each half-hour lesson per week per semester.

**Practice Requirements** - The minimum required practice time for private study is: for one hour credit per semester—one hour per day or five hours per week; for two credits—two hours per day or ten hours per week; etc.

**Course Numbers** - Course numbers in performance indicate various aspects of the course. The first digit indicates course level. The third digit indicates the musical area as follows:

1- Piano 2- Voice 3- Organ 4- Strings 5- Brass 6- Woodwinds 7- Percussion 8- Conducting 9- Guitar

**Solo Competition** - A competition is held among students every other year for the privilege of performing as soloists with the HSU Orchestra. This affords the gifted performer the opportunity to work with an ensemble in a solo capacity.

**Preparatory and Elective Instruction** - Registered students not pursuing a major or minor in music may enroll in private music studies. The student must audition to be placed at the appropriate level and to be admitted to private study.

## COURSES IN PERFORMANCE STUDIES

### PIANO AREA

To be placed in a credit sequence as a piano principal, the student should be able to play all major and minor scales in moderately rapid tempo and broken chords in all keys, and should have studied literature of the difficulty of Czerny, Op 299; Heller, Op. 46 or 47; Bach, Little Preludes and Two-part Inventions; and sonatas of Mozart F Major, K.547a and Beethoven Op 49.

The suggested levels of attainment are intended as desirable goals; however, individual requirements will be tailored to the student's abilities and needs.

Prior keyboard training and current ability on the piano will be considered in placing the student in either class or private instruction at the secondary level.

**Sophomore Barrier for Piano Principals** – Sophomore barrier jury will be performed at the end of the second semester of the second year. Jury will consist of major and



minor scales and arpeggios chosen by jurors played four octaves at appropriate velocity. The student should also offer polished and memorized performance of three movements or works contrasting in style and period, which are of a level of difficulty comparable to that of the easier Preludes and Fugues from Bach's Well-Tempered Clavier; the easier sonatas by Haydn, Mozart, or Beethoven (excluding Mozart Sonata in C, K. 545, or Beethoven Sonatas, Op. 49); or Chopin Waltzes and easier Nocturnes. While one of the works may have been presented on previous juries, two of them must be prepared for the first time during semester in which the barrier jury occurs. In the event of unsatisfactory performance, the student may continue to study as a piano principal, but will be held at the sophomore-level (MUPS 2111) until piano faculty determine that the deficiencies have been addressed.

Piano Performance Major Private Instruction (MUPS)

**First Year**

1111—1-4 credit hours

**Second Year**

2111—1-4 credit hours

**Third Year**

3111—1-4 credit hours

**Fourth Year**

4111—1-4 credit hours

**Class Instruction (MUPC)**

1111, 1112, 1113, 1114 Class Piano I, II, III, IV

4311 Piano Pedagogy

**VOICE AREA**

To be placed in a credit sequence as a principal in voice, a student should be prepared to sing on pitch, with correct phrasing and musical intelligence, art songs in English such as those listed by the National Association of Teachers of Singing for high school age singers, or the Texas University Interscholastic League Contest Bulletin, published by the University Interscholastic League, Box 8028, University Station, Austin, TX 78713. The student should also be able to read a simple song or hymn at sight.

**Sophomore Barrier for Voice** - At this level, the voice student should achieve good breath management and support techniques as evident in a free-flowing, natural vibrato and show expression of musical line with rhythmic accuracy. Students pursuing a BM degree must demonstrate diction accuracy in English, Italian, French and German. Those pursuing a BA degree must demonstrate diction accuracy in two languages. This will be assessed by the jury at the end of the second semester at the 2121 level.

Voice Performance Major Private Instruction (MUPS)

**First Year**

1121—1-4 credit hours

**Second Year**

2121—1-4 credit hours

**Third Year**

3121—1-4 credit hours

**Fourth Year**

4121—1-4 credit hours

**Class Instruction (MUPC)**

1121 Class Voice

1125 Diction I

1126 Diction II

4321 Voice Pedagogy

**ORGAN AREA**

Students must have completed enough piano study to play pieces of the level of difficulty of sonatinas and Bach two-voice inventions.

Organ Performance Major Private Instruction (MUPS)

**First Year**

1131—1-4 credit hours

**Second Year**

2131—1-4 credit hours

**Third Year**

3131—1-4 credit hours

**Fourth Year**

4131—1-4 credit hours

**Class Instruction (MUPC)**

4331 Organ Pedagogy

**Secondary Organ Emphasis** - At the completion of Organ 2131 a student is expected to have achieved as a minimum the facility required for completion of an organ performance major 1131.

**Conducting Private Instruction (MUPS)**

4181—1-4 credit hours

**ORCHESTRA AND BAND INSTRUMENT AREA**

**Brass, Percussion, Strings, Woodwinds, Guitar** - To be placed in a credit sequence as a principal in an instrument, a student should be prepared to play, with correct phrasing and musical intelligence, selections from the *Selective Music Lists of Instrumental Solos* published by the National Interscholastic Music Activities Commission, 1201 Sixteenth Street, N.W., Washington, D.C. 20036, or the Texas University Interscholastic League Contest Bulletin. The student should also be able to read a simple selection at sight.

**Sophomore Barrier for Woodwinds, Brass and Strings** -

At the end of the second year of private instruction, all woodwind, brass, and string students majoring in music will be required to pass a proficiency barrier. The Sophomore barrier for strings will be the performance of at least two pieces of contrasting styles chosen by the professor, and will be judged on quality of intonation, rhythm, tone, vibrato, bow control, and understanding of musical style. Woodwind and brass barriers will include: (a) all major and minor (in three forms) scales played a minimum of two octaves in 8th notes at 120 mm per quarter note; (b) a two-octave chromatic scale beginning on a note of the jury's choice, played in the same manner as the major and minor scales; and (c) prepared solo literature consisting of two works of contrasting style from the professor's required repertory list.

Instrumental Performance Major Private Instruction (MUPS)

**First Year (1-4 credit hours)**

1141 Strings

1151 Brass

1161 Woodwinds

1171 Percussion

1191 Guitar (principal emphasis only)

**Second Year (1-4 credit hours)**

2141 Strings

2151 Brass

2161 Woodwinds

2171 Percussion

2191 Guitar (principal emphasis only)

**Third Year (1-4 credit hours)**

3141 Strings

3151 Brass 3161 Woodwinds

3171 Percussion

3191 Guitar (principal emphasis only)

**Fourth Year (1-4 credit hours)**

4141 Strings  
 4151 Brass  
 4161 Woodwinds  
 4171 Percussion  
 4191 Guitar (principal emphasis only)

**Class Instruction (MUPC)**

2099 (1-4 credit hours) Special Studies  
 4341 String Pedagogy  
 4351 Brass Pedagogy  
 4361 Woodwind Pedagogy  
 4371 Percussion Pedagogy

**Ensembles** - Ensembles are open to all interested students. The purpose of the music ensemble experience is to provide musical enrichment, growth in musical understanding and skills, and experience in group expression through performance of music of various styles from the Middle Ages to the present. *The purchase of an appropriate uniform may be required for some ensembles.*

**Instrumental Ensembles (MUEI)**

1101,2101,3101,4101 University Concert Band  
 1111,2111,3111,4111 Cowboy Band  
 1131,2131,3131,4131 HSU Orchestra  
 1141,2141,3141,4141 String Ensemble  
 1151,2151,3151,4151 Brass Ensemble  
 1161,2161,3161,4161 Woodwind Ensemble  
 1171,2171,3171,4171 Percussion Ensemble  
 1191,2191,3191,4191 Piano Ensemble

**Vocal Ensembles (MUEV)**

1101, 2101, 3101, 4101 HSU Chorale  
 1111, 2111, 3111, 4111 Concert Choir  
 1121, 2121, 3121, 4121 Simmons Classic  
 1131, 2131, 3131, 4131 Opera Workshop

**DEPARTMENT OF CHURCH MUSIC**

**Objectives** - The church music track allows the student to pursue the discipline of sacred music. Through classroom instruction, private instruction, ensemble experience, and supervised application, the Church Music Department provides the student with skills necessary for professional competency. The curriculum encompasses the areas of applied performance, which may include the study of voice, piano, organ, or orchestral instruments. During the course of study, the student will also gain an understanding of church music practice including worship, hymnology, church music history, church music administration and the relationship between church music and culture.

**Courses in Church Music (MUCM)**

3101 Survey of Christian Contemporary Music  
 3102 Praise and Worship Music: Methods of Use  
 4099 (1-4 credits) Special Studies  
 4222 Choral Music of the Church  
 4246 History of Church Music in America  
 4326 Practice of Church Music  
 4327 Survey of Congregational Song  
 4328 Philosophy of Church Music

**DEPARTMENT OF MUSIC EDUCATION**

**Objectives** - Through the study and application of philosophy, method, and practice, the student in this department is prepared for a vocation in the public school music classroom, and/or church music. By means of intensive classroom and ensemble experience, the Department of Music Education provides the student with skills necessary for professional competency.

For students entering the teaching field, these competencies include areas of teaching/learning psychology, international teaching methods and techniques, and an introduction to the total range of today's music curriculum e.g., solo/vocal instrumental performance, ensemble experiences, general music study, and professional laboratory related experiences with the public school system.

**NOTE:** Music Education Major. During the sophomore year, students should schedule an interview with Music Education Department Head. After completing step, students will be eligible to apply for Teacher Education Program through the School of Education. **All Students, regardless of classification, should complete this step before completing 54 semester hours.** Failure to do so may delay or prevent them from being admitted to the School of Education.

Students who do not apply for, or are not fully admitted to, the music education program until after the sophomore year may not necessarily be able to complete the degree in the usual time period. Such students should consult with their advisor and the Head of the Music Education Department.

Music Education majors are advised to read the program as described in the School of Education section regarding certification, admissions, student teaching, and other aspects of the education program.

The School of Music has the right to alter the requirements of the music education program at any time to meet requirements of the State Board for Educator Certification. Students will be expected to abide by these changes as they occur. Currently, the requirements are as follows: **Music education majors must have a cumulative grade point average of 3.00 in all required music courses. Additionally, Music Education Majors may have no grade lower than "C" for any required music course. All portions of the senior comprehensive exam, including the written Music Education portion must be passed in order to take the Texas Credentialing exam for teacher certification.**

**Courses in Music Education (MUSI)**

2099 (1-4 credits) Special Studies  
 2121 Essentials of Woodwind Instruments  
 2122 Essentials of Brass Instruments  
 2123 Essentials of Percussion Instruments  
 2124 Essentials of String Instruments  
 2125 Instrumental Perspectives  
 2126 Vocal Perspectives  
 3122 Introduction to Conducting Skills  
 3201 Marching Band Techniques  
 3321 Music, Learning, and Children  
 3322 Older Children and Music Learning  
 3223 Choral Conducting Techniques and Materials  
 3224 Instrumental Conducting Techniques and Materials  
 3325 Essential Elements of Music  
 4099 (1-4 credits) Special Studies  
 4129, 4229 or 4329 Workshop in Music  
 4321 Music for the Adolescent  
 4622 Student Teaching in Elementary and Secondary School (See EDUC 4622)

**DEPARTMENT OF MUSIC HISTORY AND LITERATURE**

It is the purpose of courses in music history and literature to implement listening techniques, to survey areas of the literature of music with relation to the society from which the music came, to relate to aesthetic concepts of an age, and to

integrate theoretical and applied music experiences with some historical perspective.

#### **Courses in Music History and Literature (MUHL)**

1041, 1042, 1043, 1044 Laboratory in Concert Music  
 2099 (1-4 credits) Special Studies  
 2241, 2242 Survey of Music Literature, I, II  
 3241, 3242 History of Music I, II  
 3343 Understanding Music: Classical, Popular, World  
 3344 History of Jazz  
 3345 History of Commercial Music  
 4099 (1-4 credits) Special Studies  
 4241 Music of the Renaissance and Early Baroque Eras  
 4242 Music of the Late Baroque/Classic Eras  
 4243 Music of the Romantic Era  
 4244 Music in the Twentieth Century  
 4247 Music in America  
 4325 Performance Literature (Vocal)  
 43X5 Performance Literature (Instrumental)

Note: Special topic music literature courses may not substitute for required upper-level music history courses. Semester rotation schedule for upper-level MUHL courses is published in the *School of Music Student Handbook*.

#### **DEPARTMENT OF MUSIC THEORY AND COMPOSITION**

The purpose of music theory and composition is to develop the musical understanding of students through score study, performance, and the creation of music. Special attention is paid to gaining fluency with musical concepts and topics through a graduated and integrated curriculum.

Theory/Composition majors are required to present a 30-50 minute recital of original works and/or a lecture/demonstration on a research topic in the spring semester of their senior year. Music for the recital must be from the approved portfolio and the research project will be developed in consultation with the department head. The students are responsible for setting the recital and rehearsal dates, securing performers, and producing published quality scores and parts.

The portfolio is music that has met a high standard in artistry and notation. The portfolio will be developed during the three years of formal composition study. To maintain a uniform standard, the head of the composition department must approve all pieces before they can be added to the portfolio. A CD recording of the senior recital and the recital program will complete the portfolio.

#### **Courses in Music Theory and Composition (MUTC)**

1131, 1132 Ear-Training I, II  
 1133, 1134 Keyboard I, II  
 1235, 1236 Harmony I, II  
 1331 Fundamentals of Music  
 2131, 2132 Ear-Training III, IV  
 2133, 2134 Keyboard III, IV  
 2235, 2236 Harmony III, IV  
 2237, 2238 Composition  
 2099 (1-4 credits) Special Studies in  
 Composition and Theory  
 2338 Computers in Music  
 3231 Form and Analysis  
 3233 Eighteenth Century Counterpoint  
 3234 Sixteenth Century Counterpoint  
 3237, 3238 Composition

4231 Orchestration  
 4232 Orchestration II  
 4233 History of Music Theory  
 4234 Schenkerian Analysis  
 4235 Post-tonal Theory  
 4236 Music Theory Review

4237, 4238 Composition  
 4333 Pedagogy of Theory

#### **Courses in Music Business (MUSB)**

3301 Fine Arts Management  
 3302 Introduction to the Recording Studio  
 3345 History of Commercial Music  
 3351, 3352 Survey of Music Business I, II  
 4099 (1-4 credits) Special Studies  
 4350 Copyright and Intellectual Property Law  
 4351 Music Business Internship

**B.A.  
MUSIC WITH MINOR (NOT BUSINESS)  
(MUSI)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
(see MUHL 3241/3242)	
Foreign Language	
(one language) .....	14
Natural & Physical Sciences	
4 hour lab.....	4
Other science .....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields)	
Technological Competency	
(see major)	
<b>Total Core.....</b>	<b>57</b>
Major: Music Requirements (45 credits)	
MUTC 1131/1132 Ear Training I & II .....	2
MUTC 1133/1134 Keyboard I & II.....	2
MUTC 1235/1236 Harmony I & II.....	4
MUTC 2131/2132 Ear Training III & IV .....	2
MUTC 2133/2134 Keyboard III &IV .....	2
MUTC 2235/2236 Harmony III & IV .....	4
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 3233 or 4231 Counterpoint or Orchestration.....	2
MUHL 2241/2242 Music Literature I/II.....	4
MUHL 3241/3242 Music History I/II.....	4
Performance Principal MUPS.....	4
MUPS (upper level).....	4
Ensembles MUEI/MUEV .....	2
Ensembles MUEI/MUEV (upper level).....	4
CONC 1000 Recital Attendances (6 sem.) .....	0
2000 & 4000 COMP Sophomore and Senior Comps .....	0
Minor (minimum 18 credits/12 upper level)	
Minor.....	18
<b>Major/Minor .....</b>	<b>63</b>
<b>Core .....</b>	<b>57</b>
<b>Electives (upper level to meet the 42 required) .....</b>	<b>7-16</b>
<b>TOTAL.....</b>	<b>127-136</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

**B.A.**  
**MUSIC - MUSIC BUSINESS EMPHASIS**  
**(MUSI-BSAD)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
(see MUHL 3241/3242)	
<b>Foreign Language</b>	
(one language) .....	14
<b>Natural &amp; Physical Sciences</b>	
PHYS 2406 Introduction to Musical Acoustics .....	4
Other science .....	3
<b>Social Sciences</b>	
ECON 2330 Introduction to Economics (see major)	
ECON, HIST, PSYC, POLS, or SOCI .....	9
(at least two fields with six credits in same field)	
<b>Technological Competency</b>	
(see major)	
<b>Total Core</b> .....	<b>54</b>
<b>Major: Music Requirements (60 credits)</b>	
MUTC 1131/1132 Ear Training I & II.....	2
MUTC 1133/1134 Keyboard I & II .....	2
MUTC 1235/1236 Harmony I & II.....	4
MUTC 2131/2132 Ear Training III & IV.....	2
MUTC 2133/2134 Keyboard III & IV .....	2
MUTC 2235/2236 Harmony III & IV.....	4
MUTC 2338 Computers in Music.....	3
MUTC 3231 Form & Analysis .....	2
MUHL 2241/2242 Music Literature I/II .....	4
MUHL 3241/3242 Music History I/II.....	4
Performance Principal MUPS .....	4
MUPS (upper level) .....	4
Ensembles MUEI/MUEV (2 semesters) .....	0
Ensembles MUEI/MUEV (upper level) (4 semesters) .....	0
MUSI 3122 Introduction to Conducting .....	1
CONC 1000 Recital Attendances (6 semesters).....	0
MUSB 3351 Survey of Music Business I .....	3
MUSB 3352 Survey of Music Business II.....	3
COMM 3381 Public Relations Feature Writing.....	3
MUSB 4351 Music Business Internship .....	3
MUSB 3345 History of Commercial Music.....	3
COMM 3 credits upper level Advertising.....	3
MUSB 3302 Introduction to Recording Studio.....	3
Upper level Music elective .....	1
Comp 2000 Sophomore Comps .....	0
Comp 4000 Senior Comps .....	0

**Continued**

Minor: Business Administration (21 credits)	
ACCT 2311 Principles of Accounting.....	3
ACCT 2312 Principles of Accounting.....	3
BSAD 1300 Introduction to Business.....	3
ECON 2330 Introduction to Economics .....	3
MUSB 4350 Copyright/Intellectual Property Law .....	3
MUSB 3301 Fine Arts Management .....	3
Upper level Business Elective .....	3
<b>Major/Minor</b> .....	<b>81</b>
<b>Core</b> .....	<b>54</b>
<b>TOTAL</b> .....	<b>135</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

<b>B.M. CHURCH MUSIC (MUCM)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
French, German or Spanish.....	4
Humanities (see major)	
Natural & Physical Sciences	
4 hour lab .....	4
Other science.....	3
Social Sciences	
PSYC 1301 Introduction to Psychology .....	3
ECON, HIST, PSYC, POLS or SOCI (two fields).....	6
Technological Competency (see Departmental Requirements)	
<b>Total Core .....</b>	<b>44</b>
Church Music (33 -39 credits)	
*Be aware of rotation	
MUSI 3321 Music Learning & Children .....	3
MUSI 3322 Older Children & Music.....	3
MUSI 3122 Intro to Conducting .....	1
MUSI 3223 Choral Conducting Tech. ....	2
MUSI 4321 Music for Adolescents.....	3
MUCM 4222* Choral Music of the Church.....	2
MUCM 4246 *History of Church Music in America.....	2
MUCM 4326* Practice of Church Music .....	3
MUCM 4327* Survey of Congregational Song.....	3
MUCM 4328 *Philosophy of Church Music .....	3
ENSEMBLES MUEI or MUEV .....	4
ENSEMBLES - MUEI OR MUEV (advanced) .....	4
Courses required for Ministerial Grant recipients (6 credits)	
CHST 3321 Baptist History & Distinctives .....	3
MNST 3341 Work of the Minister.....	3
Departmental Requirements (49 credits)	
Performance Principal MUPS .....	6
MUPS (advanced level) .....	6
MUPC 43X1 Pedagogy.....	3
MUPC 1125 Diction I.....	1
MUTC 1131/1132 Ear Training I & II.....	2
MUTC 1133/1134 Keyboard I & II .....	2
MUTC 1235/1236 Harmony I & II .....	4
MUTC 2131/2132 Ear Training III & IV.....	2
MUTC 2133/2134 Keyboard III &IV .....	2
MUTC 2235/2236 Harmony III & IV .....	4
MUTC 2338 Computers in Music.....	3
MUTC 3231 Form & Analysis .....	2

<b>Continued</b>	
MUTC 3233 Counterpoint .....	2
MUTC 4231 Orchestration I .....	2
MUHL 2241/2242 Music Lit I & II .....	4
MUHL 3241/3242 Music History I & II .....	4
CONC 1000 Recital Attendances (8 semesters).....	0
COMP 2000 Sophomore Comps.....	0
COMP 4000 Senior Comps.....	0
RECI 3000 Junior Recital .....	0
RECI 4000 Senior Recital.....	0
<b>Major (no minor needed) .....</b>	<b>82-88</b>
<b>Core .....</b>	<b>44</b>
<b>TOTAL .....</b>	<b>126-132</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required. 80 Chapel attendances and Writing Proficiency are required. Non-piano principals must take piano until piano proficiency is passed.	

**B.M.  
MUSIC EDUCATION (CHORAL)  
GRADES EC-12 (A.MUED.CH)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life.....	1
FSSC (X2).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 or 2301 Government .....	3
PSYC 3333 Educational Psychology.....	3
<b>Technological Competency (see music core)</b>	
<b>Total Core.....</b>	<b>43</b>
<b>*Major: Music Education (25 credits)</b>	
Required GPA for major is 3.0	
**Be aware of rotation	
MUPC 1125/1126 Diction I and II .....	2
MUSI 2125** Instrumental Perspectives .....	1
MUSI 3122 Intro to Conducting.....	1
MUSI 3223 Choral Conducting.....	2
MUSI 3321 Music, Learning & Children .....	3
MUSI 3322 Older Children & Music Learning .....	3
MUSI 4321** Music for Adolescents .....	3
MUPC 4321** Vocal Pedagogy.....	3
ENSEMBLES - MUEI or MUEV .....	4
MUEI or MUEV (upper level) .....	3
<b>*Music Core (45 credits)</b>	
Performance Principal MUPS .....	8
MUPS (Upper level level).....	6
MUTC 1131/1132 Ear Training I & II .....	2
MUTC 1133/1134 Keyboard I & II.....	2
MUTC 1235/1236 Harmony I & II .....	4
MUTC 2131/2132 Ear Training III & IV .....	2
MUTC 2133/2134 Keyboard III & IV .....	2
MUTC 2235/2236 Harmony III & IV .....	4
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 4231 Orchestration I.....	2
MUHL 2241/2242 Music Lit I & II.....	4
MUHL 3241/3242 Music History I & II .....	4
CONC 1000 Recital Attendances (8 sem.) .....	0

**Continued**

COMP 2000 Sophomore Comps .....	0
COMP 4000 Senior Comps .....	0
RECI 4000 Half Senior Recital.....	0
<b>*Professional Education (24 credits)</b>	
READ 3362 Reading Instruct. for Adolescent.....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class.....	3
EDUC 4340 Current Issues in Special Ed .....	3
EDUC 4377 or 4379 Capstone Course .....	3
EDUC 4622 Student Teaching .....	6
<b>Major/Music Core/Education (no minor needed) .....</b>	<b>94</b>
<b>Core .....</b>	<b>43</b>
<b>TOTAL.....</b>	<b>137</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required.

42 upper level credits (3000 and 4000-level) required.

\* No grade below "C" accepted in any required courses.

**B.M.  
MUSIC EDUCATION (INSTRUMENTAL)  
GRADES EC-12 (A.MUED.IN)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science .....	3
<b>Social Sciences</b>	
HIST 1301 U S History to 1876 .....	3
HIST 1302 U S History since 1876 .....	3
POLS 1302 or 2301 Government .....	3
PSYC 3333 Educational Psychology .....	3
<b>Technological Competency (see music core)</b>	
<b>Total Core</b> .....	<b>43</b>
*Major: Music Education (24 credits) Required GPA for major is 3.0 **Be aware of rotation	
MUSI 2121** Essentials of Woodwind Inst. ....	1
MUSI 2122** Essentials of Brass Instruments .....	1
MUSI 2123** Essentials of Percussion Inst. ....	1
MUSI 2124** Essentials of String Instruments .....	1
MUSI 2126** Vocal Perspectives .....	1
MUSI 3122 Intro to Conducting .....	1
MUSI 3224 Instrumental Conducting .....	2
MUSI 3321 Music, Learning & Children .....	3
MUSI 3322 Older Children & Music Learning .....	3
MUSI 4321** Music for Adolescent .....	3
ENSEMBLES - MUEI or MUEV .....	4
MUEI or MUEV (upper level) .....	3
*Music Core (45 credits)	
Performance Principal MUPS .....	8
MUPS (Upper level level) .....	6
MUTC 1131/1132 Ear Training I & II .....	2
MUTC 1133/1134 Keyboard I & II .....	2
MUTC 1235/1236 Harmony I & II .....	4
MUTC 2131/2132 Ear Training III & IV .....	2
MUTC 2133/2134 Keyboard III & IV .....	2
MUTC 2235/2236 Harmony III & IV .....	4
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 4231 Orchestration I .....	2
MUHL 2241/2242 Music Lit I & II .....	4

**Continued**

MUHL 3241/3242 Music History I & II .....	4
COMP 2000 Sophomore Comps .....	0
COMP 4000 Senior Comps .....	0
RECI 4000 Half Senior Recital .....	0
*Professional Education (24 credits)	
READ 3362 Reading Instruct. for Adolescent .....	3
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4371 Org/Mgmt for Teaching in Sec Class .....	3
EDUC 4340 Current Issues in Special Ed .....	3
EDUC 4377 or 4379 Capstone Course .....	3
EDUC 4622 Student Teaching .....	6
<b>Major/Music Core/Education (no minor needed)</b> .....	<b>93</b>
<b>Core</b> .....	<b>43</b>
<b>TOTAL</b> .....	<b>136</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.8 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required.  
42 upper level credits (3000 and 4000-level) required.

\* No grade below "C" accepted in any required courses.



**B.M.  
MUSIC PERFORMANCE KEYBOARD  
(MUAP.KB)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
*Two semesters of FREN or GRMN; or SPAN may be substituted for French	
*GRMN 1401 Introduction to German I.....	4
*FREN 1401 Introduction to French I .....	4
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
PSYC 1301 Intro to Psychology .....	3
*ECON, HIST, PSYC, POLS, or SOCI (at least two fields) (upper level credits recommended) .....	6
<b>Technological Competency (see departmental Requirements)</b>	
<b>Total Core.....</b>	<b>48</b>
<b>Major: Performance Principal (22 credits)</b>	
MUPS 1111, 2111 or 1131, 2131 .....	10
MUPS 3111, 4111 or 3131, 4131 .....	12
<b>Departmental Requirements (52 credits)</b>	
MUPC 4311 or 4331 Pedagogy .....	3
MUTC 1131 Ear Training I .....	1
MUTC 1133 Keyboard I.....	1
MUTC 1235 Harmony I .....	2
MUTC 1132 Ear Training II.....	1
MUTC 1134 Keyboard II .....	1
MUTC 1236 Harmony II .....	2
MUTC 2131 Ear Training III.....	1
MUTC 2133 Keyboard III .....	1
MUTC 2235 Harmony III.....	2
MUTC 2132 Ear Training IV .....	1
MUTC 2134 Keyboard IV .....	1
MUTC 2236 Harmony IV.....	2
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 3233 Counterpoint.....	2
MUTC 4231 Orchestration .....	2
MUHL 2241 Music Lit I.....	2
MUHL 2242 Music Lit II .....	2
MUHL 3241 Music History I .....	2
MUHL 3242 Music History II .....	2
MUHL - Additional credits from 4241, 4242, 4243, 4244, 4247, or 4099.....	2

**Continued**

MUHL 4315 or 4335 Performance Lit. ....	3
MUSI 3122 Intro to Conducting.....	1
MUSI 3223/24 Choral/Instru Cond Tech.....	2
CONC 1000 Recital Attendances (8 sem.) .....	0
MUEI or MUEV Concert Band, Chorale, Choir, Orchestra For piano emphasis (4)/For organ emphasis(6) .....	4/6
MUEI 3191, 4191 Piano Ensemble For piano emphasis(4)/For organ emphasis (2).....	4/2
COMP 2000 Sophomore Comps .....	0
COMP 4000 Senior Comps .....	0
RECI 3000 Junior Recital.....	0
RECI 4000 Senior Recital .....	0
<b>Major/Departmental Requirements (no minor needed).....</b>	<b>74</b>
<b>Core Curriculum .....</b>	<b>48</b>
<b>*Electives (upper level may be recommended) .....</b>	<b>2</b>
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.0 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required.

\*42 upper level credits (3000 and 4000-level) required.

<b>B.M. MUSIC PERFORMANCE STRINGS (MUAP.ST)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
*Two semesters of FREN or GRMN; or SPAN may be substituted for French	
*GRMN 1401 Introduction to German I.....	4
*FREN 1401 Introduction to French I .....	4
Humanities (see major)	
Natural & Physical Sciences	
4 hour lab .....	4
Other science.....	3
Social Sciences	
PSYC 1301 Intro to Psychology .....	3
*ECON, HIST, PSYC, POLS, or SOCI (at least two fields) (3 upper level credits recommended) .....	6
Technological Competency (see departmental requirements)	
<b>Total Core .....</b>	<b>48</b>
Major: Performance Principal (22 credits)	
MUPS 1141, 2141.....	10
MUPS 3141, 4141.....	12
Departmental Requirements (54 credits)	
MUPC 4341 Pedagogy.....	3
MUTC 1131 Ear Training I.....	1
MUTC 1133 Keyboard I .....	1
MUTC 1235 Harmony I.....	2
MUTC 1132 Ear Training II .....	1
MUTC 1134 Keyboard II.....	1
MUTC 1236 Harmony II .....	2
MUTC 2131 Ear Training III.....	1
MUTC 2133 Keyboard III .....	1
MUTC 2235 Harmony III.....	2
MUTC 2132 Ear Training IV.....	1
MUTC 2134 Keyboard IV .....	1
MUTC 2236 Harmony IV .....	2
MUTC 2338 Computers in Music.....	3
MUTC 3231 Form & Analysis .....	2
MUTC 3233 Counterpoint .....	2
MUTC 4231 Orchestration .....	2
MUHL 2241 Music Lit I.....	2
MUHL 2242 Music Lit II.....	2
MUHL 3241 Music History I.....	2
MUHL 3242 Music History II .....	2

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MUHL - Additional credits from 4241, 4242, 4243, 4244, 4247, or 4099 .....	2
MUHL 4345 Performance Lit .....	3
MUSI 3122 Intro to Conducting .....	1
MUSI 3224 Instrumental Conducting Tech. ....	2
CONC 1000 Recital Attendances (8 sem.).....	0
MUEI 3141 Ensemble .....	1
MUEI 4141 Ensemble.....	1
MUEI Orchestra.....	4
MUEI Orchestra (advanced) .....	4
COMP 2000 Sophomore Comps.....	0
COMP 4000 Senior Comps.....	0
RECI 3000 Junior Recital .....	0
RECI 4000 Senior Recital .....	0
<b>Major/Departmental Requirements (no minor needed).....</b>	<b>76</b>
<b>Core Curriculum .....</b>	<b>48</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required.	
Non-piano principals must take piano until piano proficiency is passed	
*42 upper level credits (3000 and 4000-level) required.	

<b>B.M. MUSIC PERFORMANCE VOCAL (MUAP.VO)</b>		
Core Curriculum	Credits	
<b>Effective Communication</b>		
ENGL1301, 1302 Freshman Writing I & II .....	6	
COMM 1301/1302 Speech Communication .....	3	
<b>Quantitative Reasoning</b>		
MATH 1301 or recommended .....	3	
<b>Fitness Education</b>		
FSSC 1170 Wellness for Life .....	1	
FSSC (X2) .....	2	
<b>Fine Arts &amp; Literature</b>		
FINE ARTS (see major)		
ENGL 230X World, English, or American Lit .....	3	
<b>Biblical Studies</b>		
Six credits including at least 3 credits of BIBL.....	6	
BIBL 1301 Old Testament Survey		
BIBL 1302 New Testament Survey		
CHST 1311 Introduction to Christianity		
MNST 1321 Christianity in Cultural Context		
THEO 1331 Introduction to Christian Thought		
THEO 1332 Introduction to Christian Ethics		
<b>Foreign Language</b>		
*Two semesters of FREN or GRMN; or SPAN may be substituted for French		
*GRMN 1401 Introduction to German I.....	4	
*FREN 1401 Introduction to French I .....	4	
<b>Humanities (see major)</b>		
<b>Natural &amp; Physical Sciences</b>		
4 hour lab .....	4	
Other science.....	3	
<b>Social Sciences</b>		
PSYC 1301 Intro to Psychology .....	3	
*ECON, HIST, PSYC, POLS, or SOCI (at least two fields) (3 upper level credits recommended) .....		6
<b>Technological Competency (see departmental requirements)</b>		
<b>Total Core .....</b>	<b>48</b>	
<b>Major: Performance Principal (22 credits)</b>		
MUPS 1121, 2121 .....	10	
MUPS 3121, 4121 .....	12	
<b>Departmental Requirements (56 credits)</b>		
MUPC 4321 Pedagogy.....	3	
MUPC 1125/1126 Diction I/II .....	2	
MUTC 1131/1132 Ear Training I/II.....	2	
MUTC 1133/ 1134 Keyboard I/ II .....	2	
MUTC 1235/1236 Harmony I/II .....	4	
MUTC 2131/2132 Ear Training III/IV.....	2	
MUTC 2133/2134 Keyboard III/IV .....	2	
MUTC 2235/2236 Harmony III/IV .....	4	
MUTC 2338 Computers in Music.....	3	
MUTC 3231 Form & Analysis .....	2	
MUTC 3233 Counterpoint .....	2	
MUTC 4231 Orchestration .....	2	
MUHL 2241 Music Lit I.....	2	
MUHL 2242 Music Lit II.....	2	
MUHL 3241 Music History I.....	2	
MUHL 3242 Music History II .....	2	
MUHL - Additional credits from 4241, 4242,4243, 4244, 4247, or 4099 .....	2	
MUHL 4325 Performance Lit .....	3	
MUSI 3122 Intro to Conducting .....	1	
MUSI 3223 Choral Conducting Tech. ....	2	

<b>Continued</b>	
CONC 1000 Recital Attendances (8 semesters).....	0
MUEV 3131 Opera .....	1
MUEV 4131 Opera .....	1
MUEV Choir.....	4
MUEV Choir (advanced) .....	4
COMP 2000 Sophomore Comps .....	0
COMP 4000 Senior Comps .....	0
RECI 3000 Junior Recital.....	0
RECI 4000 Senior Recital .....	0
<b>Major/Departmental Requirements (no minor needed) ....</b>	<b>78</b>
<b>Core Curriculum .....</b>	<b>48</b>
<b>TOTAL .....</b>	<b>126</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required.	
Non-piano principals must take piano until piano proficiency is passed	
*42 upper level credits (3000 and 4000-level) required.	

**B.M.  
MUSIC PERFORMANCE  
WIND, BRASS, PERCUSSION  
(MUAP.IN)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Foreign Language</b>	
*Two semesters of FREN or GRMN; or SPAN may be substituted for French	
*GRMN 1401 Introduction to German I.....	4
*FREN 1401 Introduction to French I.....	4
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science .....	3
<b>Social Sciences</b>	
PSYC 1301 Intro to Psychology .....	3
*ECON, HIST, PSYC, POLS, or SOCI (at least two fields) (3 upper level credits recommended) .....	6
<b>Technological Competency (see departmental requirements)</b>	
<b>Total Core.....</b>	<b>48</b>
<b>Major: Performance Principal (22 credits)</b>	
MUPS 1151/2151 or 1161/2161 or 1171/2171 .....	10
MUPS 3151/4151 or 3161/4161 or 3171/4171 .....	12
<b>Departmental Requirements (54 credits)</b>	
MUPC 4351, 4361, or 4371 Pedagogy .....	3
MUTC 1131 Ear Training I .....	1
MUTC 1133 Keyboard I.....	1
MUTC 1235 Harmony I.....	2
MUTC 1132 Ear Training II .....	1
MUTC 1134 Keyboard II.....	1
MUTC 1236 Harmony II .....	2
MUTC 2131 Ear Training III.....	1
MUTC 2133 Keyboard III .....	1
MUTC 2235 Harmony III.....	2
MUTC 2132 Ear Training IV.....	1
MUTC 2134 Keyboard IV .....	1
MUTC 2236 Harmony IV .....	2
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 3233 Counterpoint.....	2
MUTC 4231 Orchestration .....	2
MUHL 2241 Music Lit I.....	2
MUHL 2242 Music Lit II .....	2
MUHL 3241 Music History I.....	2
MUHL 3242 Music History II .....	2

**Continued**

MUHL - Additional credits from 4241, 4242,4243, 4244, 4247, or 4099 .....	2
MUHL 4355, 4365 or 4375 Performance Lit .....	3
MUSI 3122 Intro to Conducting .....	1
MUSI 3224 Instrumental Conducting Tech. ....	2
CONC 1000 Recital Attendances (8 sem.).....	0
MUEI 31X1 Wind, Brass or Percussion Ensemble .....	1
MUEI 41X1 Wind, Brass or Percussion Ensemble.....	1
MUEI Orchestra or Concert Band.....	4
MUEI Orchestra or Concert Band (advanced) .....	4
COMP 2000 Sophomore Comps.....	0
COMP 4000 Senior Comps .....	0
RECI 3000 Junior Recital .....	0
RECI 4000 Senior Recital.....	0
<b>Major/Departmental Requirements (no minor needed).....</b>	<b>76</b>
<b>Core Curriculum .....</b>	<b>48</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits  
with a cumulative GPA of 2.0 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required.

Non-piano principals must take piano until  
piano proficiency is passed

\*42 upper level credits (3000 and 4000-level) required.

**B.M.  
MUSIC, THEORY & COMPOSITION  
(MUTC.IN)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Foreign Language	
*Two semesters of FREN or GRMN; or SPAN may be substituted for French	
*GRMN 1401 Introduction to German I .....	4
*FREN 1401 Introduction to French I .....	4
Humanities (see major)	
Natural & Physical Sciences	
4 hour lab.....	4
Other science .....	3
Social Sciences	
PSYC 1301 Intro to Psychology .....	3
*ECON, HIST, PSYC, POLS, or SOCI (at least two fields) (upper level credits recommended) .....	6
Technological Competency (see departmental requirements)	
<b>Total Core.....</b>	<b>48</b>
Theory & Composition (46 credits)	
MUTC 1131/1132 Ear Training I & II .....	2
MUTC 1133/1134 Keyboard I & II .....	2
MUTC 1235/1236 Harmony I & II.....	4
MUTC 2131/2132 Ear Training III & IV .....	2
MUTC 2133/2134 Keyboard III & IV .....	2
MUTC 2235/2236 Harmony III & IV .....	4
MUTC 2237/2238 Composition .....	4
MUTC 2338 Computers in Music .....	3
MUTC 3231 Form & Analysis .....	2
MUTC 3233/3234 Counterpoint.....	4
MUTC 3237/3238 Composition .....	4
MUTC 4231 Orchestration .....	2
MUTC 4233 History of Theory OR	
MUTC 4234 Schenkerian Analysis .....	2
MUTC 4235 Post-tonal Theory .....	2
MUTC 4237/4238 Composition .....	4
MUTC 4333 Pedagogy of Theory .....	3
Music Core (39-41 credits)	
Performance Principal MUPS.....	8
MUPS (Advanced level).....	8
MUPC 1125/1126 Diction (voice principals only) .....	0-2
MUHL 2241/2242 Music Literature I/II.....	4
MUHL 3241/3242 Music History I /II.....	4
MUHL (4 credits from 4241, 4242, 4243,4244, 4247, 4099) ..	4

Continued

MUSI 3122 Intro to Conducting .....	1
MUSI 3223 or 3224 Choral/Instru Cond Tech.....	2
Ensembles MUEI/MUEV .....	4
Ensembles MUEI/MUEV (advanced).....	4
COMP 2000 Sophomore Comps.....	0
COMP 4000 Senior Comps .....	0
RECI 4000 Half-Senior Recital .....	0
CONC 1000 Eight semesters .....	0
<b>Major/Music Core (no minor needed).....</b>	<b>85-87</b>
<b>Core Curriculum .....</b>	<b>48</b>
<b>TOTAL .....</b>	<b>133-135</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

80 Chapel attendances and Writing Proficiency are required.

Non-piano principals must take piano until piano proficiency is passed

\*42 upper level credits (3000 and 4000-level) required.

**B.A., B.B.S.  
MINOR: MUSIC  
(MUSI)**

Minor: Music (20 credits)	Credits
MUTC 1131/1132 Ear Training I & II .....	2
MUTC 1133/1134 Keyboard I & II.....	2
MUTC 1235/1236 Harmony I & II .....	2
MUHL 3343 Music History .....	3
MUPC/MUPS Performance .....	4
CONC 1000 Recital Attendances (4 sem.) .....	0
Ensembles MUEI/MUEV.....	4
Advance Music elective .....	3
<b>TOTAL .....</b>	<b>20</b>

**B.A., B.M.  
MINOR: MUSIC THEORY  
(MUSIC MAJORS ONLY)  
(MUSI)**

Minor: Music Theory(16 credits)	Credits
MUTC 2237/2238 Composition .....	4
MUTC 3233/3234 Counterpoint*.....	4
MUTC 4233 History of Theory OR	
MUTC 4234 Schenkerian Analysis .....	2
MUTC 4099 Individual Project in Music Analysis.....	1
MUTC 4235 Post-tonal Theory .....	2
MUTC 4333 Pedagogy of Theory .....	3
<b>TOTAL .....</b>	<b>16</b>

\*If a student replaces counterpoint for orchestration, he/she must take orchestration for the minor.

## DEPARTMENT OF THEATRE

<http://www.hsutx.edu/academics/somfa/theatredepartment>

### Department Head

Larry Wheeler  
325-670-1511  
HSU Box 14864  
lwheeler@hsutx.edu

### FACULTY

Dean Nolen, M.F.A. , Assistant Professor  
F. Larry Wheeler, M.A.B.S., Associate Professor

**Objectives** - The Department of Theatre serves to prepare students for teaching at the secondary level or for graduate level study in theatre. It provides undergraduates with the opportunity to examine various theories and styles of the theatre offering opportunities to experience creatively and critically the artistic skills of this discipline.

It is the mission of the Department of Theatre to provide the serious student of theatre a Christian environment in which to reflect the ideas, dreams, and conflicts of humanity and to provide perspectives from which understanding and insight might be gained for a more meaningful life through the art of the theatre. It is the purpose of the department to lead students to achieve originality, creativity, imagination, and perception with practicality to enable them to perform all tasks in the theatre and life with more self-confidence.

Departmental goals are (1) to establish and support a viable, substantial, and well-rounded undergraduate theatre program; (2) to conscientiously encourage theatre students to explore all career options in theatre including teaching, directing, performance, design, technical theatre and arts management; (3) to help the student realize his/her potential in becoming an intelligent, responsible citizen as well as a creative, responsive adult.

In addition to the required coursework, a Theatre Diagnostic Examination is required of all theatre majors during the final semester of their senior year. The graduating theatre major will take an examination administered by the department to measure overall intellectual proficiency on all facets of his/her theatre education.

Students are encouraged to present a final project during their senior year. This capstone experience will be in the form of a performance, directing project, or demonstration of skills acquired in light, scenic or costume design depending on a student's area of expertise. This public performance/demonstration project will be developed independently, and is not intended to satisfy requirements for any required course, but may be applied to an elective course if desired.

Theatre majors and minors are expected to participate in the Department of Theatre productions in Van Ellis Theatre (Refer to the Departmental Handbook).

**Major:** The Theatre department offers the Bachelor of Fine Arts, the Bachelor of Arts, and the Bachelor of Behavioral Science degree. The B.F.A. is considered a professional degree and an industry/academic standard. It is superior to the B.A. or B.B.S. in Theatre for those theatre majors who wish to pursue graduate school (the M.F.A.) and also provides more courses and in-depth preparation for those going into the work force. The B.F.A. in Theatre requires the student to choose one of five tracks: Musical Theatre, Acting, Stage Management, Theatre Education, or Design/Technology. B.F.A. degrees in Acting, and Design/Technology require a senior showcase. For specific requirements leading to all five tracks, please refer to the degree plans following this portion of the catalog.

**Minor:** A minor in theatre is offered to students pursuing a Bachelor of Arts or Bachelor of Behavioral Science degree. Requirements for this minor are listed at the end of this section.

**The Department of Theatre is a member of the Texas Educational Theatre Association, and has a student chapter of the Alpha Psi Omega National Dramatic Fraternity.**

**Teacher Preparation Program** - Students seeking teacher certification in theatre should refer to the Irvin School of Education section of this Catalog for Texas certification requirements. Required courses for a Grade 8-12 standard certificate include the following: 43 semester credits consisting of THEA 1333, 2303, 2334, 2335, 3337, 3338, 3339, 4303, 4337, 4341, 4345, 4346, and four semester credits from 1131, 1132, 1133, 1134. A student who is seeking certification must meet with the HSU Certification Officer in Abilene Hall as soon as he/she declares theatre as a teaching field. All students seeking certification must be formally admitted to the HSU Teacher Preparation Program, preferably during the sophomore year. Admission requirements can be obtained in the Dean of the Irvin School of Education's office in Abilene Hall.

### Courses in Theatre (THEA)

1131, 1132, 1133, 1134 Theatre Workshop  
1301 Theatre Appreciation  
1333 Introduction to Theatre  
2099 (1-4 credits) Special Topics  
2111,3111,4111 Voice Diction & Dialects  
2112,3112,4112 Theatrical Choreography/Dance  
2312 Movement for the Actor  
2334 Acting I  
2335 Stagecraft  
2337 Stage Management  
3336 Theatre Mask and Make-Up  
3337 Theatre Lighting  
3338 Costume Design  
3339 Scene Design  
3340 Acting II  
3341 Acting Shakespeare  
3342 Acting: Period Styles  
3343 Acting: Realism  
3344 Acting: Auditioning  
3345 Acting: TV and Camera  
3360 History of American Musical Theatre  
4099 (1-4 credits) Special Topics  
4301 Independent Study  
4303 Modern Drama  
4337 Directing  
4338 Directing II  
4341 Theatre Management  
4345 Theatre History: Greeks to the 18th Century  
4346 Theatre History: 18th Century to the Present  
4347 Advanced Design: CAD for Light Design  
4348 Advanced Design: CAD for Costume Design  
4349 Advanced Design: CAD for Set Design  
4365 Stage Management Practicum  
4372 Educational Theatre  
4375 Senior Showcase

**B.A.  
THEATRE  
(THEA)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
(one language) .....	14
<b>Natural &amp; Physical Sciences</b>	
4 credit lab .....	4
Other science .....	3
<b>Social Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI	
(at least two fields with six credits in same field).....	12
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core</b> .....	<b>60</b>
<b>Major: Theatre (40 credits)</b>	
THEA 1333 Introduction to Theatre.....	3
THEA 2303 Voice and Diction .....	3
THEA 2334 Acting I .....	3
THEA 2335 Stagecraft .....	3
THEA 3337 Theatre Lighting .....	3
THEA 3338 Costume Design .....	3
THEA 3339 Scene Design .....	3
THEA 4303 Modern Drama .....	3
THEA 4345 Theatre History: Greeks to .....	3
THEA 4346 Theatre History: 18th Cent. to .....	3
THEA 4337 Directing .....	3
THEA 4341 Theatre Management .....	3
THEA 1131,1132,1133,1134 Workshop .....	4
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor</b> .....	<b>58</b>
<b>Core</b> .....	<b>60</b>
<b>Electives</b> .....	<b>6</b>
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required

**B.B.S.  
THEATRE  
(THEA)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended.....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (X2) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI	
(at least two fields with six credits in same field) .....	18
<b>Technological Competency</b>	
CSCI 1303 Introduction to Computer Applications .....	3
<b>Total Core</b> .....	<b>52</b>
<b>Major: Theatre (40 credits)</b>	
THEA 1333 Introduction to Theatre .....	3
THEA 2303 Voice and Diction.....	3
THEA 2334 Acting I.....	3
THEA 2335 Stagecraft.....	3
THEA 3337 Theatre Lighting .....	3
THEA 3338 Costume Design .....	3
THEA 3339 Scene Design .....	3
THEA 4303 Modern Drama .....	3
THEA 4345 Theatre History: Greeks to .....	3
THEA 4346 Theatre History: 18th Cent. to .....	3
THEA 4337 Directing.....	3
THEA 4341 Theatre Management .....	3
THEA 1131,1132,1133,1134 Workshop.....	4
<b>Minor (minimum 18 credits)</b>	
Minor .....	18
<b>Major/Minor</b> .....	<b>58</b>
<b>Core</b> .....	<b>52</b>
<b>Electives</b> .....	<b>14</b>
<b>TOTAL</b> .....	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
42 upper level credits (3000 and 4000-level) required.

<b>B.F.A. THEATRE – Acting Track (THEA, THPE)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (FSSC 2120 and 2106 recommended) .....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities (see major)	
Foreign Language	
(one language).....	8
Natural & Physical Sciences	
4 hour lab .....	4
Other science.....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI	
(at least two fields with six credits in same field)	
* (8 upper level credits recommended).....	9
Technological Competency (see major)	
CSCI 1303 Intro to Computer Apps or	
MUTC 2338 Music and Computers .....	3
<b>Total Core .....</b>	<b>51</b>
Major: Theatre (34 Credits)	
THEA 1131, 1132, 1133, 1134 Workshop .....	4
THEA 1333 Introduction to Theatre .....	3
THEA 2334 Acting I.....	3
THEA 2335 Stagecraft.....	3
THEA 3337 Theatre Lighting .....	3
THEA 3338 Costume Design .....	3
THEA 3339 Scene Design .....	3
THEA 4303 Modern Drama .....	3
THEA 4337 Directing.....	3
THEA 4345 Theatre History: Greeks to 18th Cent....	3
THEA 4346 Theatre History: 18th Cent. to Present ..	3
Acting Track (41 credits)	
THEA 2111, 3111, 4111 Voice, Diction & Dialects ..	6
THEA 2112, 3112, 4112 Theatrical Choreo./Dance ..	6
THEA 3336 Theatre Mask and Make-up.....	3
THEA 3340 Acting II .....	3
THEA 3341 Acting: Shakespeare .....	3
THEA 3342 Acting: Period Styles .....	3
THEA 3343 Acting: Realism.....	3

Continued	
THEA 3344 Acting: Auditioning .....	3
THEA 3345 Acting: TV and Camera .....	3
THEA 4375 Senior Showcase .....	3
THEA 4338 Directing II.....	3
MUPS 1121 Voice.....	2
<b>Major .....</b>	<b>75</b>
<b>Core .....</b>	<b>51</b>
<b>TOTAL.....</b>	<b>126</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
80 Chapel attendances and Writing Proficiency are required	
*42 upper level credits (3000 and 4000-level) required	



**B.F.A.  
THEATRE – Musical Theatre Track  
(THEA.THMU)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (FSSC 2120 and 2106 recommended).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
(one language) .....	8
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI	
(at least two fields with six credits in same field)	
*(8 upper level credits recommended).....	
9	
<b>Technological Competency</b>	
CSCI 1303 Intro to Computer Apps or	
MUTC 2338 Music and Computers .....	
3	
<b>Total Core .....</b>	
<b>51</b>	
<b>Major: Theatre (34 Credits)</b>	
THEA 1131,1132,1133,1134 Workshop .....	4
THEA 1333 Introduction to Theatre.....	3
THEA 2334 Acting I .....	3
THEA 2335 Stagecraft .....	3
THEA 3337 Theatre Lighting.....	3
THEA 3338 Costume Design .....	3
THEA 3339 Scene Design.....	3
THEA 4303 Modern Drama .....	3
THEA 4337 Directing .....	3
THEA 4345 Theatre History: Greeks to 18th Cent. ...	3
THEA 4346 Theatre History: 18th Cent. to Present ..	3
<b>Musical Theatre Track (41 credits)</b>	
THEA 2111, 3111, 4111 Voice, Diction & Dialects .	3
THEA 2112, 3112, 4112 Theatrical Choreo./Dance .	6
THEA 3336 Mask and Make-up.....	3
THEA 3340 Acting II.....	3
THEA 3344 Acting: Auditioning .....	3
THEA 3360 History of American Musical Theatre...	3
MUTC 1131, 1132 Music Theory – Ear Training .....	2
MUTC 1133, 1134 Keyboarding I and II .....	2

**Continued**

MUTC 1235, 1236 Harmony I and II .....	4
MUPS 1121, 2121, 3121, 4121 (two semesters each)....	8
MUEV 11XX Vocal Ensemble .....	1
MUEV 21XX Vocal Ensemble (2 semesters) .....	2
MUEV 31XX Vocal Ensemble .....	1
<b>Major .....</b>	<b>75</b>
<b>Core .....</b>	<b>51</b>
<b>TOTAL .....</b>	<b>126</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
\*42 upper level credits (3000 and 4000-level) required

**B.F.A.**  
**THEATRE – Stage Management Track**  
**(THEA.THSM)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (FSSC 2120 and 2106 recommended).....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
(one language) .....	8
<b>Natural &amp; Physical Sciences</b>	
4 hour lab.....	4
Other science .....	3
<b>Social Sciences</b>	
ECON, HIST, PSYC, POLS, or SOCI	
(at least two fields with six credits in same field)	
*(8 upper level credits recommended) .....	9
<b>Technological Competency</b>	
CSCI 1303 Intro to Computer Apps or	
MUTC 2338 Music and Computers .....	3
<b>Total Core.....</b>	<b>51</b>
<b>Major: Theatre (34 Credits)</b>	
THEA 1131,1132,1133,1134 Workshop .....	4
THEA 1333 Introduction to Theatre .....	3
THEA 2334 Acting I .....	3
THEA 2335 Stagecraft .....	3
THEA 3337 Theatre Lighting.....	3
THEA 3338 Costume Design .....	3
THEA 3339 Scene Design.....	3
THEA 4303 Modern Drama .....	3
THEA 4337 Directing .....	3
THEA 4345 Theatre History: Greeks to 18th Cent. ...	3
THEA 4346 Theatre History: 18th Cent. to Present..	3
<b>Stage Management Track (36 credits)</b>	
COMM 3302 Interpersonal Communication.....	3
COMM 3303 Small Group Communication .....	3
ETHC 3330 Ethics in the Fine Arts.....	3
LDSP 1301 Foundation of Leadership Studies .....	3
MGMT 3351 Intro to Management.....	3
MGMT 3371 Non-Profit Management .....	3
MUSB 3301 Intro to Fine Arts Management .....	3

**Continued**

THEA 2337 Stage Management.....	3
THEA3360 History of American Musical Theatre .....	3
THEA 4338 Directing II .....	3
THEA 4365 Stage Management Practicum	
(taken twice for credit) .....	6
<b>Major .....</b>	<b>70</b>
<b>Core .....</b>	<b>51</b>
<b>Electives .....</b>	<b>3</b>
<b>TOTAL.....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
\*42 upper level credits (3000 and 4000-level) required

**B.F.A.  
THEATRE – Theatre Design Track  
(THEA.THDE)**

Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended.....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC (FSSC 2120 and 2106 recommended).....	2
Fine Arts & Literature	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL .....	
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities (see major)	
Foreign Language	
(one language) .....	8
Natural & Physical Sciences	
4 hour lab.....	4
Other science .....	3
Social Sciences	
ECON, HIST, PSYC, POLS, or SOCI	
(at least two fields with six credits in same field)	
*(8 upper level credits recommended).....	
9	
Technological Competency	
CSCI 1303 Intro to Computer Apps or	
MUTC 2338 Music and Computers.....	3
<b>Total Core.....</b>	<b>51</b>
Major: Theatre (34 Credits)	
THEA 1131,1132,1133,1134 Workshop .....	4
THEA 1333 Introduction to Theatre.....	3
THEA 2334 Acting I .....	3
THEA 2335 Stagecraft .....	3
THEA 3337 Theatre Lighting.....	3
THEA 3338 Costume Design .....	3
THEA 3339 Scene Design.....	3
THEA 4303 Modern Drama .....	3
THEA 4337 Directing .....	3
THEA 4345 Theatre History: Greeks to 18th Cent. ...	3
THEA 4346 Theatre History: 18th Cent. to Present ..	3
Theatre Design Track (42 credits)	
THEA 4341 Theatre Management.....	3
THEA 4347 Advanced Design: CAD for light.....	3
THEA 4348 Advanced Design: CAD for costume....	3
THEA 4349 Advanced Design: CAD for set .....	3
THEA 4375 Senior Showcase .....	3
ART 1301, 1311 Drawing I and II.....	6
ART 1302 Design I.....	3
ART 2302 3D Design .....	3

Continued

ART 2321 Intro to Graphic Art .....	3
ART 2382 Fundamentals of Photography .....	3
ART 3320 PhotoShop for the Graphic Designer.....	3
ART 3333 Watercolor Painting .....	3
ART or THEA Electives .....	3
<b>Major.....</b>	<b>76</b>
<b>Core.....</b>	<b>51</b>
<b>TOTAL.....</b>	<b>127</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.  
80 Chapel attendances and Writing Proficiency are required  
\*42 upper level credits (3000 and 4000-level) required

**B.A., B.B.S.  
MINOR: THEATRE  
(THEA)**

Minor: Theatre (18 credits)	Credits
THEA 1333 Introduction to Theatre.....	3
THEA 2334 Acting I .....	3
THEA 2335 Stagecraft.....	3
THEA 3337 Theatre Lighting.....	3
THEA 4337 Directing.....	3
THEA elective .....	3
<b>TOTAL .....</b>	<b>18</b>

<b>B.F.A.</b> <b>THEATRE – Theatre Education Track</b> <b>GRADES EC-12 (THEA.THED)</b>	
Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
<b>Quantitative Reasoning</b>	
MATH 1301 or recommended .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC (FSSC 2120 and 2106 recommended) .....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS (see major)	
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL..... 6	
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities (see major)</b>	
<b>Foreign Language</b>	
(one language).....	8
<b>Natural &amp; Physical Sciences</b>	
4 hour lab .....	4
Other science.....	3
<b>Social Sciences</b>	
PSYC 3333 Educational Psychology .....	3
ECON, HIST, PSYC, POLS, or SOCI	
(at least two fields).....	6
<b>Technological Competency</b>	
EDUC 1306 Technology in Education.....	3
<b>Total Core .....</b>	<b>51</b>
<b>Major: Theatre (34 Credits)</b>	
Required GPA for major is 2.6	
THEA 1131,1132,1133,1134 Workshop.....	4
THEA 1333 Introduction to Theatre .....	3
THEA 2334 Acting I.....	3
THEA 2335 Stagecraft .....	3
THEA 3337 Theatre Lighting .....	3
THEA 3338 Costume Design.....	3
THEA 3339 Scene Design .....	3
THEA 4303 Modern Drama.....	3
THEA 4337 Directing .....	3
THEA 4345 Theatre History: Greeks to 18th Cent. ..	3
THEA 4346 Theatre History: 18th Cent. to Present..	3
<b>Theatre Education Track (12 credits)</b>	
THEA 2111, 3111, 4111 Voice, Diction & Dialects <b>OR</b>	
THEA 2303 Voice and Diction.....	3
THEA 2112, 3112, 4112 Theatrical Choreo./Dance ..	3
THEA 4341 Theatre Management <b>OR</b>	
MUSB 3301 Introduction to Fine Arts Management .....	3
THEA 4372 Educational Theatre.....	3
<b>Continued</b>	

Education (24 credits)	
EDUC 3334 Child/Adolescent Development .....	3
EDUC 3338 The Learning Environment .....	3
EDUC 4340 Current Issues in Special Education.....	3
EDUC 4371 Org/Mngt for Teach in Sec Class.....	3
EDUC 4379 Capstone: The Professional Teacher .....	3
EDUC 4622 Student Teaching .....	6
READ 3362 Read Instruction for Adol Students.....	3
<b>Major.....</b>	<b>70</b>
<b>Core.....</b>	<b>51</b>
<b>Electives.....</b>	<b>3</b>
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.8 or higher to graduate. 80 Chapel attendances and Writing Proficiency are required 42 upper level credits (3000 and 4000-level) required	

## PATTY HANKS SHELTON SCHOOL OF NURSING

<http://www.phssn.edu/index.php>

### Dean

Dr. Nina Ouimette  
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HSU Box 16245  
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### FACULTY

Cynthia Castel, RN, MSN, Instructor  
Andrea J. Cheek, RN, MSN, FNP-C, Instructor  
Tammy Coffman, RN, MSN, OCN, Instructor  
Kimberly Cooper, RN, MSN, FNP-C Assistant Professor  
Awilda R. Hayes, RN, MSN, FCN, Instructor  
Chaluza Kapaale, RN, MSN, CNOR  
Valerie Miller, RN, MS, FNP-C Assistant Professor  
Alice C. Murphy, RN, MPH, FCN, Assistant Professor  
Theresa Naldoza, RN, MSN, , Instructor  
Nina Ouimette, RN-BC, EdD, MS, Dean, Professor  
Ashley Rinicker, RN, MSN, Instructor  
Minnie Scott, RN, MSN, Instructor  
Monica Smola, RN, MSN, FCN, Instructor  
Barbara Stafford, RN, MSN, Assistant Professor  
Jeanne Tucker, RN, PhD, MSN, HSAD, CHES, Associate Professor  
Indira Tyler, RN, PhD, , Associate Professor, Associate Dean  
Lisa Van Cleave, RN, MSN, CCRN, Assistant Professor  
Janet Viola, RN, PsyD, MS.Ed, BSN, BA, Associate Professor

Hardin-Simmons University is a part of a consortium which provides collegiate nursing education in Texas. Through the Patty Hanks Shelton School of Nursing, Hardin-Simmons University offers the Bachelor of Science in Nursing degree.

**Purpose/Introduction** - Baccalaureate education in nursing prepares the graduate to function as a registered nurse who can effectively participate as a change agent in the delivery of a broad spectrum of health services required by society today and in the future. It also provides the foundation required for graduate education. The School of Nursing exists for the purpose of preparing entry-level practitioners of nursing whose personal, social, and nursing potentials have been developed to provide a foundation for continued learning and growth. The theoretical courses and clinical experiences are designed to assist students to develop understanding and conceptual integration of the nursing role in today's complex health care environment.

The Faculty of the School of Nursing exists for the purpose of contributing to excellence in nursing, the body of knowledge needed for nursing practice, teaching, research and public services. Additionally, the faculty provides for the nursing student an environment in which classroom theory may be applied and evaluated under close supervision. The aim of the BSN Faculty of the School of Nursing is to prepare students for satisfactorily completing all undergraduate requirements in the School of Nursing and for subsequent graduation with the Bachelor of Science Degree in Nursing (BSN). Upon graduation, the graduate is eligible to write the NCLEX-RN (National Council of Licensure Examination for Registered Nurses) that leads to licensure as a Registered Nurse (R.N.).

**Program Outcomes:** Upon completion of this program the graduate will be prepared to:

1. Use the nursing process as a guide to competently deliver holistic (physical, psychosocial, and spiritual), ethno culturally sensitive, ethical and evidence-based nursing care to clients across the life span in a variety of settings.
2. Demonstrate integrity, responsibility and accountability to clients, other health care workers and the profession of nursing in political, legal and ethical issues.
3. Communicate effectively with clients and other members of the health care team.
4. Demonstrate leadership and management skills in the delivery of health care services and the practice of professional nursing.
5. Use research findings and community resources in interacting with clients to promote wellness and facilitate restoration of health or a dignified death.
6. Accept accountability for practice behaviors, action, and responsibility for lifelong personal and professional development.

**Accreditation** - The School of Nursing programs are approved by the Board of Nurse Examiners for the State of Texas, and the graduate is eligible to sit for the National Council of State Boards of Nursing Exams for licensure as a Registered Nurse (NCLEX-RN). The baccalaureate program is accredited by the Commission on Collegiate Nursing Education (CCNE); One Dupont Circle, NW, Suite 530, Washington DC 20036, (202) 877-6791. The School of Nursing is a member of the Southern Regional Education Board, the Southern Council on Collegiate Education in Nursing; and the American Association of Colleges of Nursing.

**High School Preparation** - High school students wishing to major in nursing are advised that their preparation for nursing study will be strengthened by inclusion of high school credits of one unit of chemistry, physics, and biology; three-four units in mathematics; two units each in social and behavioral sciences; and four units in English.

**Lower-Division Requirements** - All freshman students accepted for admission in the consortium institutions, and stating a preference for nursing as a major, will be placed in lower-division core courses. Acceptance into the lower-division courses, however, does not guarantee that students will be selected for enrollment in Patty Hanks Shelton School of Nursing (PHSSN). Students having an ACT composite score of 18 or less should seek career counseling.

**Admission Requirements** - Students must meet all parent university degree requirements. A separate admission process is required for students to be admitted to the School of Nursing. **Admission is competitive, and the size of the classes is determined by the availability of space and clinical facilities. Admission to Hardin-Simmons University does not guarantee admission to PHSSN.**

1. The School of Nursing will review all applications with a minimum cumulative grade point average (GPA) of 3.00 in the lower-division nursing curriculum based on a 4.0 scale. Nursing core courses completed with a letter grade less than C, or 2.00 on a 4.00 scale, will not be accepted toward the Bachelor of Science in Nursing degree. The selection process of the School of Nursing is highly competitive.
2. Students are also required to take a Nursing Entrance Exam.

3. Students are required to submit two recommendation forms from faculty who have taught the student a nursing core prerequisite. .
4. Any remaining non-upper level nursing courses must be completed prior to the start of the Fall semester of the senior year.
5. Students must complete NURS 3410 Pathophysiology with a grade of at least 'B' before beginning upper division courses at PHSSN.
6. Students must apply for admission to the School of Nursing. The deadline for submitting application for admission in the fall semester is the first week of February of the same year. Applicants are required to have personal contact with the School of Nursing Director of Learning by January 1.
7. Once accepted, students must submit evidence of physical examination and of physical health, which is consistent with meeting the objectives of the program. Tetanus, diphtheria,, and hepatitis B immunizations are required. Rubella screening is required and immunizations required if screening titer indicates lack of immunity. Evidence of negative tuberculosis must be presented prior to beginning nursing coursework. Health reports and test results will be available to health agencies used for student learning experience upon request by an authorized representative of the agency.
8. All students are required to have a urine drug screen completed at a designated lab prior to clinical participation.
9. All students must submit to a criminal background check through a designated agency.
10. Students who have any physical or learning disability (i.e. ADD, ADHD) must provide official written medical documentation of the disability and information in regard to his/her ability to meet the requirements of the program. Parent institution guidelines must be followed.
11. Throughout the program, students must maintain a level of mental and physical health consistent with meeting the objectives of the curriculum. If a mental and/or physical health problem occurs during the student's educational program in nursing, the nursing faculty members responsible for clinical practice will assess the student's ability to continue in the program and will make recommendations for action to the Dean.
12. Students accepted into the PHSSN are responsible for providing their own transportation to class and all clinical facilities.
13. Students accepted into PHSSN must annually provide proof of medical health insurance. If not on parent's insurance, the student must have a private policy.
14. Students must achieve a grade of C (grade of 75 on a 100 scale) or better in each upper-division nursing course attempted and in addition achieve an average of C (grade of 75 on a 100 scale) or better on examinations within each upper-division nursing course in order to continue in the School of Nursing.
15. Applicants seeking admission by transfer must meet all published standards.
16. If the student's performance is unsatisfactory in the clinical setting, the faculty may recommend immediate dismissal to the Dean.
17. The student must annually provide proof of current CPR certification. The student will not be allowed in the classroom or clinical area without this certification.

- American Heart Association CPR for Health Care Provider or American Red Cross CPR for the Professional Rescuer is required. (National Safety Council, Heart Saver, & Heart Saver Plus are not acceptable).
18. Professional liability insurance is required of each student. This insurance is included in the student's tuition and fees.
19. All PHSSN entering students are required to purchase physical assessment equipment that is supplied through the PHSSN. The cost of the equipment will be charged as a fee for the Health Assessment course.
20. BSN nursing students are required to take diagnostic program examinations each semester. The cost of the examinations will be announced, and the cost will be charged to student's parent university account.
21. In order for a student to meet program requirements for the completion of the BSN curriculum, the student must demonstrate minimal competency in nursing theory and practice. This competency is demonstrated through successful scoring on the identified exit exam. Successful scoring on this examination is a portion of the course requirements for the course NURS 4453.
22. Students seeking the Bachelor of Science in Nursing (BSN) may take a minor outside the School of Nursing. This minor is NOT required as a part of the BSN degree, and credits beyond the minimum credits required may be needed to complete the minor.

#### **Degree Requirements-Lower-Division Courses** (SUGGESTED COURSE SEQUENCE)

NOTE: The course sequence below is suggested for a four year progression through the program. However, we encourage students to contact our Director of Student Development to inquire about our 5-6 year progression schedule for part-time or transfer students.

<b>Fall Semester, Freshman Year</b> .....	<b>Credits</b>
BIBL 1301 Old Testament Survey or BIBL 1302 New Testament Survey .....	3
*CHEM 1301 & 1101 Essentials of Chemistry I .....	4
ENGL 1301 English Composition I .....	3
FSSC Activity Course.....	1
*MATH 1310 College Algebra .....	3
<b>Total Credits</b> .....	<b>14</b>

<b>Spring Semester, Freshman Year</b> .....	<b>Credits</b>
Biblical Studies.....	3
*CHEM 1302 and 1102 Essential of Chemistry II.....	4
ENGL 1302 English Composition II .....	3
FSSC Activity Course.....	1
*PSYC 1301 Introduction to Psychology.....	3
Fine Arts Elective (Art, Music, Theatre) .....	3
<b>Total Credits</b> .....	<b>17</b>

<b>Summer Sessions, Freshman Year</b> .....	<b>Credits</b>
ENGL Sophomore Literature .....	3
*SOCI 1301 Introduction to Sociology .....	3
<b>Total Credits</b> .....	<b>6</b>

<b>Fall Semester, Sophomore Year</b> .....	<b>Credits</b>
*BIOL 2402 Anatomy and Physiology I .....	4
COMM 1301 Speech Communication .....	3
Humanities Elective.....	3
*PSYC 2300 Life Span Development .....	3
CSCI 1303 Intro to Information Systems .....	3
<b>Total Credits</b> .....	<b>16</b>

<b>Spring Semester, Sophomore Year</b> .....	<b>Credits</b>
*BIOL 2403 Anatomy and Physiology II.....	4
*BIOL 2405 Public Health Microbiology .....	4

**NURS 3410 Pathophysiology (Required before starting Nursing School in the fall) .....	4
FSSC Activity Course .....	1
*PSYC 3312 Psychological Statistics.....	3
<b>Total Credits.....</b>	<b>16</b>

**\*NURSING FOUNDATIONAL CURRICULUM COURSES REQUIRING A GRADE OF "C" OR BETTER.**

**\*\* SCIENCE COURSES REQUIRING A GRADE OF "B" OR BETTER.**

**Spring or Summer, Sophomore Year .....Credits**

NURS 2301 Introduction to Nursing Skills .....	3
NURS 3334 Dimensions of Nursing (3-3-0) (Online).....	3
<b>Total Credits.....</b>	<b>6</b>

**Fall Semester, Junior Year**

NURS 3323 Pharmacology (3-3-0) .....	3
NURS 3421 Health Assessment (4-2-2) .....	4
NURS 3622 Nursing Process I: Fundamentals of Nursing (6-3-3) .....	6
<b>Total Credits.....</b>	<b>13</b>

**Spring Semester, Junior Year**

NURS 3335 Mental Health Nursing (3-2-1) .....	3
Nursing Elective (from NURS 4370, 4371, 4372, 4373 or 4374) .....	3
NURS 3836 Nursing Process II:Nursing Care of the Childbearing and Childrearing Family (8-5-3) .....	8
<b>Total Credits.....</b>	<b>14</b>

**Fall Semester, Senior Year**

NURS 4335 Community Nursing (3-2-1) .....	3
NURS 4343 Nursing Theories and Research (3-3-0) .....	3
NURS 4846 Nursing Process III:Medical – Surgical Nursing (8-5-3) .....	8
<b>Total Credits.....</b>	<b>14</b>

**Spring Semester, Senior Year**

NURS 4352 Leadership and Management (3-3-0) .....	3
NURS 4453 Professional Nursing Practicum (4-0-4) .....	4
NURS 4651 Nursing Process IV:Critical Care Nursing (6-4-2) .....	6
<b>Total Credits.....</b>	<b>13</b>

**ARTICULATION PROGRAM FOR REGISTERED NURSES**

- An RN-BSN articulation program is available.

Please contact the School of Nursing for more information. At the time of catalog printing, program is pending SACS approval.

**RN ARTICULATION COURSES**

**SENIOR YEAR**

**NOTE: Students attending HSU must fulfill the general education requirements set forth for the general BSN student.**

**ADMISSION REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN NURSING RN-BSN PROGRAM**

Full admission is granted to applicants who have met all admissions requirements in the judgment of the Admissions Committee, composed of PHSSN faculty. The cohort group may be limited to twenty members.

Applicants will be reviewed holistically and exclusively. No one factor will determine a student's admission. The following is required of applicants for the Bachelor of Science in Nursing RN-BSN Online Program:

1. Current, active RN unencumbered license in good standing – no restrictions;

2. Minimum cumulative GPA of 2.5 for admission consideration. All calculated grades from schools attended are *admission grade point average*;
3. Prerequisite course work completed with a grade of "C" or better, prior to the beginning of this program;
4. Students must achieve a grade of C (grade of 75 on a 100 scale) or better in each upper-division nursing course attempted and in addition achieve an average of C (grade of 75 on a 100 scale) or better on examinations within each upper-division nursing course in order to continue in the School of Nursing.
5. All applicants who receive offers of admission will consent to a criminal background check (a complete FBI/DPS background check). A history of criminal conduct or conviction may result in withdrawal of admission offer. Refer to the PHSSN web site school policy in the student handbook

All applicants must provide documentation of the following prior to enrollment:

1. Professional liability insurance
2. Completion of a current physical
3. Proof of health insurance
4. Compliance with the CDC program mandated immunizations for health care workers (Refer to the CDC website:  
<http://www.cdc.gov/vaccines/specgrps/hcw.htm>)
5. Healthcare provider BLS or ACLS (CPR) certification (adult, infant, & child)
6. Current negative 10 panel drug screen

Transcript Evaluation Patty Hanks Shelton School of Nursing (PHSSN):

- Contact the Director of Student Development for submission admission information:  
**Sharon Eichhorst, B.B.A., M.Ed.**  
[seichhorst@phssn.edu](mailto:seichhorst@phssn.edu)  
Phone: (325)671-2353  
Fax: (325)671-2386
- Nursing Centralized Application Service (Nursing CAS). Nursing CAS will verify application for accuracy, calculate the GPA, and send applicant's materials to PHSSN.

<b>B.S.N. NURSING (NURS)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication .....	3
Quantitative Reasoning	
MATH 1310 College Algebra* .....	3
Fitness Education	
FSSC 1170 Wellness for Life .....	1
FSSC .....	2
Fine Arts & Literature	
FINE ARTS Visual Arts, Music or Theatre .....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
Six credits including at least 3 credits of BIBL.....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
Humanities	
Humanities (see list under Humanities).....	3
Natural & Physical Sciences	
CHEM 1301,1101 Essentials of Chemistry I* .....	4
CHEM 1302,1102 Essentials of Chemistry II* .....	4
BIOL 2402 Anatomy and Physiology I* .....	4
BIOL 2403 Anatomy and Physiology II*.....	4
BIOL 2405 Public Health Microbiology* .....	4
Social & Behavioral Sciences	
PSYC 1301 Introduction to Psychology* .....	3
PSYC 2300 Life Span Development* .....	3
SOCI 1301 Introduction to Sociology* .....	3
PSYC 3312 Psychological Statistics* .....	3
Technological Competency	
CSCI 1303 Intro to Computer Apps .....	3
<b>Total Core.....</b>	<b>65</b>
Major: Nursing (64 Credits)	
NURS 3410 Pathophysiology** .....	4
NURS 2301 Introduction to Nursing Skills* .....	3
NURS 3334 Dimensions of Nursing* .....	3
NURS 3323 Pharmacology* .....	3
NURS 3421 Health Assessment* .....	4
NURS 3622 Nursing Process I* .....	6
NURS 3335 Mental Health Nursing* .....	3
NURS 4370, 4371, 4372, 4373, or 4374* .....	3
NURS 3836 Nursing Process II* .....	8
NURS 4335 Community Nursing* .....	3
NURS 4343 Nursing Theories & Research* .....	3
NURS 4846 Nursing Process III* .....	8
NURS 4352 Leadership and Management* .....	3
NURS 4453 Professional Nursing Practicum* .....	4
NURS 4651 Nursing Process IV* .....	6

Continued	
Major .....	64
Core Curriculum.....	65
<b>TOTAL.....</b>	<b>129</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.	
40 Chapel attendances and Writing Proficiency are required	
42 upper level credits (3000 and 4000-level) required	
*C or better	
**B or better	



**B.S.N.  
NURSING RN ARTICULATION  
(RN)**

Core Curriculum	Credits
<b>Effective Communication</b>	
ENGL1301, 1302 Freshman Writing I & II .....	6
COMM 1301/1302 Speech Communication.....	3
<b>Quantitative Reasoning</b>	
MATH 1310 College Algebra .....	3
<b>Fitness Education</b>	
FSSC 1170 Wellness for Life .....	1
FSSC.....	2
<b>Fine Arts &amp; Literature</b>	
FINE ARTS Visual Arts, Music or Theatre .....	3
ENGL 230X World, English, or American Lit .....	3
<b>Biblical Studies</b>	
Six credits including at least 3 credits of BIBL .....	6
BIBL 1301 Old Testament Survey	
BIBL 1302 New Testament Survey	
CHST 1311 Introduction to Christianity	
MNST 1321 Christianity in Cultural Context	
THEO 1331 Introduction to Christian Thought	
THEO 1332 Introduction to Christian Ethics	
<b>Humanities</b>	
Humanities (see list under Humanities).....	3
<b>Natural &amp; Physical Sciences</b>	
CHEM 1301,1101 Essentials of Chemistry I.....	4
CHEM 1302,1102 Essentials of Chemistry II.....	4
BIOL 2402 Anatomy and Physiology I .....	4
BIOL 2403 Anatomy and Physiology II .....	4
BIOL 2405 Public Health Microbiology .....	4
<b>Social &amp; Behavioral Sciences</b>	
PSYC 1301 Introduction to Psychology .....	3
PSYC 2300 Life Span Development .....	3
SOCI 1301 Introduction to Sociology .....	3
PSYC 3312 Psychological Statistics.....	3
<b>Technological Competency</b>	
CSCI 1303 Intro to Computer Apps .....	3
<b>Total Core .....</b>	<b>65</b>
<b>Major: Nursing (67 Credits)</b>	
Nursing Skills Validation.....	43
NURS 4360 Professional Nursing Transitions* .....	3
NURS 4343 Nursing Theories & Research* .....	3
NURS 4352 Leadership and Management*.....	3
NURS 4335 Community and Public Health Nursing*... 3	
NURS 4362 Joining Forces* .....	3
NURS 4364 Health Behaviors* .....	3
NURS 4366 Intro. to Faith Community Nursing* .....	3
NURS 4368 Care of Vulnerable Populations*.....	3
<b>Major .....</b>	<b>67</b>
<b>Core Curriculum .....</b>	<b>65</b>
<b>Total.....</b>	<b>132</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate.

40 Chapel attendances and Writing Proficiency are required

42 upper level credits (3000 and 4000-level) required

\*C or better

At the time of catalog printing, program is pending SACS approval.

**B.S.N.  
MINOR: PUBLIC HEALTH  
(PHN)**

Minor: Public Health (18 credits)

NURS 4380 Introduction to Public Health.....	3
NURS 4382 Health Care Issues and Policy .....	3
NURS 4483 Fundamentals of Epidemiology .....	4
NURS 4484 Health Care Disparities.....	4
NURS 4485 Critical Issues in Global Health – Capstone ...4	
<b>TOTAL .....</b>	<b>18</b>

At the time of catalog printing, program is pending SACS approval.

## THE MR. AND MRS. CHARLES W. LOGSDON SCHOOL OF THEOLOGY

### Dean

Dr. Don Williford

### FACULTY

Larry Baker, Th.D., Professor of Pastoral Ministry  
 Robert R. Ellis, Ph.D., Associate Dean of Logsdon Seminary  
 Travis Frampton, Ph.D., Professor of Biblical Studies  
 Omer J. Hancock, Jr., Th.D., Professor of Church Ministry  
 James Heflin, Ph.D., Professor of Preaching and Pastoral  
 Ministry  
 Kelvin Kelley, D. Min., Assistant Professor of Theology  
 Kenneth Lyle, Ph.D., Professor of New Testament and  
 Greek  
 Randall Maurer Ph.D., Professor of Psychology and Family  
 Ministry  
 Larry McGraw, Ph.D., Associate Dean School of Theology  
 Kelly Pigott, Ph.D., Chaplain/Associate Professor of Church  
 History  
 Susan M. Pigott, Ph.D., Professor of Old Testament and  
 Hebrew  
 Ronnie P. Prevost, Ph.D., Professor of Church Ministry  
 Robert P. Sellers, Ph.D., Professor of Theology  
 Dan R. Stiver, Ph.D., Professor of Theology  
 Rodney Taylor, Ph.D., Assistant Professor of Theology  
 Donald D. Williford, Ph.D., Dean, Professor of New  
 Testament

The school is named for Charles and Koreen Logsdon of Abilene, former students, long-time friends, and benefactors of Hardin-Simmons University. The school was established in 1982 in memory of Mr. Logsdon, who died in October 1981. Mr. Logsdon's service as a trustee for 15 years was marked by quiet, dedicated, effective service to his alma mater, from which he graduated in 1928. Mrs. Logsdon attended Hardin-Simmons in 1928-32. As an expression of her love for the school and in fulfillment of her husband's wishes, she made the largest gift in Hardin-Simmons University history to that date to establish the Logsdon School of Theology.

### Objectives

**Biblical Studies** - The courses in Bible are designed to give the student a knowledge of and appreciation for the Bible. The courses also provide foundational preparation for those who plan future study in graduate theological education, as well as giving professional preparation for those not anticipating further formal education.

The biblical languages fulfill the language requirements for the Bachelor of Arts Degree and also provide the student with an understanding of the linguistic background of the Bible.

**Historical/Theological Studies** - The courses in Theology and Church History provide the student with an understanding of the basic doctrinal positions of the Christian faith, an understanding of alternative views, and an understanding of the Christian past. The student is therefore better equipped to evaluate the theological outlook of the present day.

**Practical Studies** - The courses in Ministry and Missions are designed to serve the educational and vocational guidance needs of students planning church-related careers as pastors, ministers, missionaries, counselors, or other ministries. All HSU students are invited to strengthen their Christian leadership potential by selecting such courses as electives.

### Ethics Minor

The Hardin-Simmons University ethics minor is designed to provide academic involvement across the university through interdisciplinary courses. The minor supplements any major field of study. The courses explore the ethical dimensions and dynamics of the vocational or interest arenas of life for which students are preparing. The relevance of ethical theories and practical application are explored and implemented through integration in the capstone course.

**Logsdon School Foundation Courses** - For all majors in the Logsdon School, the following foundational courses are required in addition to those of the major: BIBL 2331, THEO 1331, 2101, and CHST 1311. BIBL 1301 and 1302 are also taken to satisfy the HSU core. Grades in these courses impact the grade point average of the major. A supporting course fulfilling the HSU humanities requirement is to be chosen from PHIL 1310, 2350, or 3320.

### BIBLICAL STUDIES COURSES IN BIBLE (BIBL)

2099 (1-4 credits) Special Topics  
 2331 Methods in Biblical Interpretation  
 4099 (1-4 credits) Special Topics

### Old Testament

1301 Old Testament Survey  
 4302 Old Testament Historical Books  
 4303 Old Testament Prophets  
 4304 The Pentateuch  
 4305 Old Testament Writings

### New Testament

1302 New Testament Survey  
 4301 New Testament Backgrounds  
 4312 Jesus in the Synoptic Gospels  
 4313 The Letters of Paul  
 4314 General Epistles and Revelation  
 4315 The Gospel of John  
 4316 Acts

### COURSES IN CHURCH HISTORY (CHST)

1311 Introduction to Christianity  
 3321 Baptist History and Distinctives  
 4099 (1-4 credits) Special Topics  
 4352 Renaissance and Reformation  
 4358 American Christianity

### COURSES IN ETHICS (ETHC)

3310 Applied Ethics and Social Justice Issues  
 3320 Ethics in Education  
 3330 Ethics in the Fine Arts  
 3340 Ethics in the World's Religious Traditions  
 3360 Ethics and Science  
 4301 Ethics Minor Capstone

### COURSES IN GREEK (GREQ)

2401, 2402 Elementary Greek I, II  
 4301, 4302 Intermediate Greek I, II

### COURSES IN HEBREW (HEBR)

2411, 2412 Elementary Hebrew I, II  
 4311, 4312 Hebrew Readings I, II

### HISTORICAL-THEOLOGICAL STUDIES COURSES IN THEOLOGY (THEO)

1331 Introduction to Christian Thought  
 1332 Introduction to Christian Ethics  
 2099 (1-4 credits) Special Topics  
 2101 Theological Research and Writing  
 3300 History of Ancient Philosophy  
 3320 Introduction to Christian Political Theology  
 4099 (1-4 credits) Special Topics Issues  
 4315 Contemporary Continental Philosophy, Critical Theory, and Post Modernism

4320 Philosophy of Religion  
 4351 New Religious Movements and the Christian Mainstream  
 4355 World Religions  
 4357 Christians and War  
 4360 Evil and Suffering  
 4361 Faith and Reason

**PRACTICAL STUDIES****COURSES IN MINISTRY (MNST)**

1321 Christianity in Cultural Context  
 2099 (1-4 credits) Special Topics  
 3099 Special Topics  
 3300 Principles of Preaching  
 3301 Spiritual Formation and Discipleship  
 3341 Work of the Minister  
 3343 Introduction to Evangelism  
 3344 Pastoral Ministry Field Education  
 3361 Foundations of Christian Education  
 3362 Education Ministry Field Education  
 3380 Foundations of Youth Ministry  
 3382 Youth Ministry Field Education  
 3390 Introduction to Hospital Ministry  
 3391 Ministry to Mentally Challenged  
 4099 (1-4 credits) Special Topics  
 4342 Advanced Preaching  
 4364 Church Administration  
 4370 Christian Worship

**COURSES IN MISSIONS (MISS)**

3301 Biblical Basis for Missions  
 3305 Missions Anthropology  
 3344 Field Education in Missions  
 4099 (1-4 credits) Special Topics  
 4120 Missionary Lifestyle  
 4311 History of Missions

<b>B.A. BIBLICAL STUDIES (BSTU)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC .....	1
FSSC .....	1
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
BIBL 1301 Old Testament Survey .....	3
BIBL 1302 New Testament Survey .....	3
Foreign Language	
(one language).....	14
Humanities	
PHIL 1310, 2350, or 3320.....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
3 accepted Computer credits .....	3
<b>Total Core .....</b>	<b>66</b>
Major: Biblical Studies (24 credits)	
BIBL upper level credits .....	12
THEO/CHST upper level credits .....	6
Logsdon credits (excluding languages) .....	6
Logsdon School Foundation Courses (10 credits)	
BIBL 2331 Methods in Biblical Interpretation.....	3
THEO 2101 Theological Research & Writing .....	1
CHST 1311 Introduction to Christianity .....	3
THEO 1331 Introduction to Christian Thought .....	3
Minor (minimum 18 credits)	
Minor .....	18
<b>Major/Minor.....</b>	<b>52</b>
<b>Core.....</b>	<b>66</b>
<b>Electives.....</b>	<b>6</b>
<b>TOTAL .....</b>	<b>124</b>

Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.

Chapel 80 attendances required

Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302

Ministerial Grant students must take CHST 3321 and MNST 3341

<b>B.A. RELIGION (RELI)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II.....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC .....	1
FSSC .....	1
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre .....	3
ENGL 230X World, English, or American Lit.....	3
Biblical Studies	
BIBL 1301 Old Testament Survey .....	3
BIBL 1302 New Testament Survey.....	3
Foreign Language	
(one language).....	14
Humanities	
PHIL 1310, 2350, or 3320.....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
ECON, HIST, PSYC, POLS, or SOCI .....	12
(at least two fields with six credits in same field)	
Technological Competency	
3 accepted Computer credits .....	3
<b>Total Core .....</b>	<b>66</b>
Major: Religion (24 credits)	
THEO 1332 Introduction to Christian Ethics .....	3
THEO/CHST upper level credits .....	9
BIBL upper level credits .....	6
Logsdon credits (excluding languages) .....	6
Logsdon School Foundation Courses (10 credits)	
BIBL 2331 Methods in Biblical Interpretation.....	3
THEO 2101 Theological Research & Writing .....	1
CHST 1311 Introduction to Christianity .....	3
THEO 1331 Introduction to Christian Thought.....	3
Minor (minimum 18 credits)	
Minor.....	18
<b>Major/Minor .....</b>	<b>52</b>
<b>Core .....</b>	<b>66</b>
Electives .....	6
<b>TOTAL.....</b>	<b>124</b>
Note: Must complete a minimum of 124 credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.	
Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	
Ministerial Grant students must take CHST 3321 and MNST 3341	

<b>B.B.S. MINISTRY (MSTY)</b>	
Core Curriculum	Credits
Effective Communication	
ENGL1301 Freshman Writing I.....	3
ENGL1302 Freshman Writing II .....	3
COMM 1301 Speech Communication .....	3
Quantitative Reasoning	
MATH 1301 or recommended .....	3
Fitness Education	
FSSC 1170 Wellness for Life.....	1
FSSC .....	1
FSSC .....	1
Fine Arts & Literature	
FINE ARTS from Art, Music, Theatre.....	3
ENGL 230X World, English, or American Lit .....	3
Biblical Studies	
BIBL 1301 Old Testament .....	3
BIBL 1302 New Testament.....	3
Humanities	
PHIL 1310, 2350, or 3320.....	3
Natural & Physical Sciences	
4 hr lab .....	4
Other Science .....	3
Social & Behavioral Sciences	
PSYC 1301 Introduction to Psychology.....	3
PSYC 2300 Life Span Development.....	3
SOCI 1301 Introduction to Sociology .....	3
SOCI 3303 Cultural Diversity .....	3
6 credits from ECON, HIST, POLS, PSYC, or SOCI.....	6
Technological Competency	
3 accepted Computer credits .....	3
<b>Total Core .....</b>	<b>58</b>
Major: Ministry (30 credits)	
MNST 1321 Christianity in Cultural Context .....	3
MNST/MISS upper level credits .....	9
MNST/MISS field education .....	3
BIBL upper level credits .....	6
THEO/CHST upper level credits .....	3
Logsdon credits (excluding languages).....	6
Logsdon School Foundation Courses (10 credits)	
BIBL 2331 Methods in Biblical Interpretation.....	3
THEO 2101 Theological Research & Writing .....	1
CHST 1311 Introduction to Christianity .....	3
THEO 1331 Introduction to Christian Thought .....	3
Minor (minimum 18 Credits)	
Minor .....	18
<b>Major/Minor.....</b>	<b>58</b>
<b>Core.....</b>	<b>58</b>
Electives .....	8
<b>TOTAL .....</b>	<b>124</b>
Note: Must complete a minimum of 124 Credits with a cumulative GPA of 2.0 or higher to graduate. 42 upper level credits (3000 and 4000-level) required.	
Chapel 80 attendances required	
Writing Proficiency Exam -- Must have completed 75 credits and ENGL 1301 and 1302	
Ministerial Grant students must take CHST 3321 and MNST 3341	

**B.A., B.B.S.  
MINOR: BIBLICAL LANGUAGES  
(BLAN)**

Minor: Biblical Languages (22 credits)	Credits
GREK 2401 Elementary Greek I.....	4
GREK 2402 Elementary Greek II .....	4
HEBR 2411 Elementary Hebrew I .....	4
HEBR 2412 Elementary Hebrew II.....	4
6 credits from the following .....	6
GREK 4301 Intermediate Greek I	
GREK 4302 Intermediate Greek II or	
HEBR 4311 Intermediate Hebrew I	
HEBR 4312 Intermediate Hebrew II	
<b>TOTAL .....</b>	<b>22</b>

**B.A., B.B.S.  
MINOR: RELIGION  
(RELI)**

Minor: Religion (18 credits)	Credits
Logsdon School of Theology credits.....	12
Logsdon School of Theology upper level credits .....	6
(excluding the two courses taken for HSU Foundation Curriculum and languages)	
<b>TOTAL .....</b>	<b>18</b>

**DEGREE: ANY  
MINOR: ETHICS  
(ETHC)**

Minor: Ethics (18 credits)	Credits
PHIL 2335 Intro to Ethics .....	3
ETHC 4301 Ethics Minor Capstone .....	3
Two to three of the following courses.....	6-9
ETHC 3310 Applied Ethics and Social Justice Issues	
ETHC 3320 Ethics in Education	
ETHC 3330 Ethics in the Fine Arts	
ETHC 3340 Ethics in the World's Religious Traditions	
ETHC 3360 Ethics and Science	
One to two of the following major enhancement courses3-6	
BSAD 3305 Business Ethics	
COMM 3305 Media Ethics	
COMM 4301 Rhetoric of Social Protest	
CRIJ 3308 Ethics in Criminal Justice	
CRIJ 4308 The Death Penalty	
CRIJ 4309 Terrorism and Homeland Security	
LDSP 3305 Christian Ethics for Leadership	
PHIL 3330 Ethical Theory	
POLS 4306 Constitutional Law: Liberties and Rights	
PSYC 3307 Human Sexuality	
SCWK 2360 Human Behavior and Social Environment I	
SCWK 2365 Human Behavior and Social Environment II	
SCWK 3360 Social Welfare System Policy and Services	
SCWK 3365 Social Welfare Policy II	
SCWK 4360 Health Care Issues in Society	
SCWK 4370 Aging in Society	
SOCI 4340 Sociology of Marriage and Family	
SOCI 4353 Race, Class and Gender	
THEO 3320/POLS 3320 Intro. Christian Political Theo.	
THEO 4357 Christians and War	
THEO 4360/PHIL 4360 Evil and Suffering	
<b>TOTAL .....</b>	<b>18</b>

## GRADUATE STUDIES

### GRADUATE STUDIES

Graduate Studies at Hardin-Simmons University were established by the Board of Trustees in 1926. Graduate programs include the following:

#### Master of Arts

English  
 Family Ministry  
 Family Psychology  
 Dual Degree in Family Ministry and Family Psychology  
 History  
 Religion

#### Master of Business Administration

Master of Business Administration in Sport Management  
 Master of Business Administration in Entrepreneurship

#### Master of Divinity

#### Master of Education

Counseling and Human Development  
 Gifted and Talented Education  
 Reading Specialist Education  
 Kinesiology, Sports and Recreation

#### Master of Music

Performance  
 Church Music  
 Music Education  
 Theory and Composition

#### Master of Science

Environmental Management  
 Nursing  
 Nursing Education  
 Family Nurse Practitioner  
 Nursing Post Master's Certificate

#### Doctor of Education in Leadership

#### Doctor of Ministry

#### Doctor of Physical Therapy

### UNDERGRADUATES REGISTERING FOR GRADUATE COURSES

Under limited circumstances, seniors may register for a limited number of graduate-level courses either to count toward the completion of the undergraduate degree plan, or to count above and beyond the required number of hours for the undergraduate degree requirements. Only six hours of graduate credit may be taken to count toward completion of undergraduate degree requirements. Graduate credits taken above and beyond the requirements of the undergraduate degree plan are eligible to count toward future graduate degree work.

In both cases, the student must have the necessary prerequisite course work and the written permissions of the undergraduate advisor, the course instructor, and the Dean of Graduate Studies. The Dean's permission will be based on review of the undergraduate academic record and evidence of the student's ability to succeed in graduate level course work.

The form for permission to register in graduate courses may be obtained in the Office of Graduate Studies. Undergraduate registration in graduate courses may only be completed in the Registrar's Office. Students will be required to submit the permission form with all required signatures along with the registration form.

For further information about Graduate study contact:

Dean of Graduate Studies  
 Hardin-Simmons University  
 Sandefer Memorial  
 Box 16210  
 Abilene, Texas 79698  
 Phone: 325-670-1298  
 Toll Free: 888-478-1222  
 email: [gradoff@hsutx.edu](mailto:gradoff@hsutx.edu)

For degree requirements, course descriptions, and admissions procedures, see the Graduate Catalog.

## ALUMNI ASSOCIATION

(Connected For Life HSU Alumni Relations)  
<http://www.hsutx.edu/alumni>

The **Hardin-Simmons Alumni Association** is composed of all former students. The Alumni Association is led by an Executive Board comprised of graduates representing a wide variety of demographics.

The **Office of Alumni Relations** administers alumni business and projects, and assists in the formation and coordination of regional HSU Alumni chapters and, along with University Advancement, maintains records and communications with alumni.

The Office of Alumni Relations and the Alumni Association work closely with the offices of development, marketing, media relations, student recruitment, student retention, career services, and athletics as well as the various colleges and schools within the University.

*Range Rider* is the official publication of the HSU Alumni Association and is published through the Office of University Communications in cooperation with the Office of Alumni Relations. It is typically mailed twice yearly to parents of current students, alumni, and other friends of the university.

### Recruiting

The Posse Kids Club is a pre-recruiting project which targets kids up to age 11 with year-round outreach. It's open to children and grandchildren of HSU family and friends.  
[www.hsutx.edu/possekids](http://www.hsutx.edu/possekids)

Recruiting & Retention: Alumni throughout Texas and beyond assist with high school programs and recruit prospective students independently. They also encourage and otherwise interact with current students to aid retention.

### STUMNI (Student/Alumni)

Student Alumni Leadership: The Alumni Association now has two permanent positions on the Board of Directors for current student leaders. The positions are filled, at present, in consultation with the Leadership Minor program director. Student Congress and other student groups continue to partner towards furthering student-alumni programming.

Senior Outreach: In an effort to continue affinity and loyalty, encourage retention, and expand the marketing reach of HSU, the University continues to provide each graduating senior with an **Official Ring**. The Alumni Association hosts two **Ring Presentation Ceremonies** each semester in partnership with Jostens, Inc. Additionally, the HSU Alumni Association hosts **Graduation Celebration** following each graduation ceremony. Held in and around the Alumni Wall, the Celebration welcomes HSU's newest Alumni while providing time for graduates, families, classmates, and faculty to interact, take photos, and find names on the Wall. Invitations are mailed to the graduating student's permanent address and handed out during graduation rehearsal.

Sophomore Initiative: In September, sophomores can participate in a lively new event exclusively for them, hosted by the Offices of Student Retention and Student Activities along with the HSU Alumni Association, and Jostens, Inc. Invitations and information are distributed via Facebook and HSU mailboxes.

Freshman Welcome: Annually, the Abilene Area Alumni Chapter hosts a Homemade Ice Cream Social for New Students during New Student Orientation.

### School Spirit & Traditions

Homecoming: The Alumni Association hosts a fantastic Homecoming weekend in the fall of each year. Programs are designed and refined regularly to attract a diverse segment of our Alumni and Student populations. Recent years have seen attendance of around 5000 attending one or more of the 70 (or so) offered events. The student-directed All-School SING is a highlight during Homecoming, as is a football game, the Homecoming Tailgate Cookout, the Alumni Awards Banquet, the Coronation of the University King & Queen, and the Alumni-Led Worship Service on Sunday.  
[www.hsutx.edu/homecoming](http://www.hsutx.edu/homecoming).

Alumni Awards: Each year, Hardin-Simmons University honors former students as Alumni Service Award, Distinguished Alumni Award, Outstanding Young Alumni Award, Logsdon Distinguished Alumni Award, and inducts former students into the Athletics Hall of Fame and Hall of Leaders.

### Regional and Affinity Gatherings

Through the year, the Alumni Association hosts gatherings in various locations around the country where guests can network, visit, and catch up on HSU news. Alumni, students, parents, and friends are welcome to attend. Information will be provided via a mix of mail, e-mail, and web using the information contained in the HSU alumni & friends database.

### Board of Young Associates

This is a select group of Hardin-Simmons University alumni under the age of 40 who together aspire voluntarily to assist Hardin-Simmons University in the areas of Public Relations, Leadership, Financial Development, Student Affairs, and Student Recruitment. Membership on the Board is granted by invitation through the Young Associates Membership Committee with the approval of the general Board and the University President. The Board sponsors the HSU Posse Kids' Club, hosts the annual Outstanding Young Alumni Awards ceremony, and awards the *Tomorrow's Leaders Today* scholarship.

### Scholarships

Regional Scholarships: The Dallas Area Alumni Chapter awards a scholarship to a current HSU student from the Dallas area student who maintains a solid academic record. The recipient must be active in church, campus extra-curricular activities, and demonstrate a commitment to HSU. The Ft. Worth Area Chapter awards a scholarship to one or more students from Tarrant, Hood, Parker, Johnson, Palo Pinto or Wise Counties who are planning to attend HSU. They may apply for the scholarship in the spring just prior to the fall they plan to start at HSU.

The Alumni Legacy Scholarship is given specifically to children and grandchildren of alumni. Typically, three such scholarships are awarded. To help tomorrow's students have the HSU experience, donations may be made to the fund in honor or memory of loved ones, faculty, staff, and friends.

The Tomorrow's Leaders Today Scholarship is awarded by HSU's Board of Young Associates in the spring to one or more students who will be enrolled as a junior or senior in the subsequent fall semester. Nominees are solicited from HSU faculty and staff, although a student may request to apply. The award is decided through an application and interview process.

### The Official Hardin-Simmons University Ring

*Brought to you by the University, the Alumni Association and Jostens, Inc.* Recognizing the high costs involved in earning *An Education Enlightened by Faith*, HSU wants to acknowledge your success by offering you an Official HSU Ring to wear during your final semester and thereafter as a

symbol of your dedication in achieving this great life milestone.

Every graduating student will have the opportunity to receive, at no additional cost, the Official Hardin-Simmons University Ring. This Ring is available during the semester of her/his scheduled graduation. August graduates are included in the Spring ordering process and Presentation Ceremony.

To receive your Official HSU Ring, students must first be sized early in the appropriate semester (several days and times will be made available).

To place an order, students must have their completed diploma card on file with the Registrar's Office.

NOTE: Relevant information will be sent to whatever e-mail address and mailing address are on file with the Registrar.

Information will be distributed via Facebook, as well, to students who have "liked" the *HSU Alumni* page.

On the Alumni Assn. website [www.hsutx.edu/official-ring](http://www.hsutx.edu/official-ring) students may preview choices such as karat weight, stone options, and style. HSU is offering a ring (large, regular, small or dainty) with amethysts, cubic zirconia, or plain stars. Students can select up to 18 letters to be engraved inside the ring. Upgrades, including diamonds and additional karat weight, may be purchased at the student's expense.

Students who are not sized during the times/days provided may be sized in the Office of Alumni Relations (Compere Hall), as early in the semester as possible.

About 6 weeks prior to the May and December graduation ceremonies, the Alumni Association will host HSU's Ring Celebration and Presentation Ceremony.

During sizing, students will be advised of the Ring Celebration dates.

During the Ring Celebration and Presentation Ceremony, the University President or his representative will personally hand, to each student present, their Official Ring. Because of space restrictions, a limited number of tickets are available on a first-come reservation basis for families and friends who would like to witness this memorable occasion.

NOTE: Again, invitations are sent using the contact information on-file with the Registrar as well as the student's HSU e-mail address. It is incumbent upon the student to keep their information current and to then frequently check their mail and e-mail.

- Students unable to attend the Presentation Ceremony may receive their Ring during the week leading up to Graduation or, following graduation, pay to have it shipped to their home.
- Students who, during the time of the Ceremony, are off-campus for a University-sanctioned activity, may present a note in advance from their professor and thus receive their Ring the week following the Ceremony.
- Students who order their ring too late for it to arrive by the Ceremony date may still participate in the Ceremony and thus be eligible to receive their ring as soon as it arrives.
- Rings not claimed within two weeks following Graduation will be returned to the manufacturer and will no longer be available.

**ARE ELIGIBLE FOR A UNITY PROGRAM RING**

- Regularly-enrolled students pursuing graduate or undergraduate degrees who place their order prior to

their graduation ceremony and who are in good standing with the university.

- MSN through nurse practitioner program
- Staff / faculty / dependents for who HSU covers most/all of their tuition
- ME degree through the metroplex program

**NOT ELIGIBLE FOR A UNITY PROGRAM RING**

- Logsdon students at satellite campuses
- MBAE / Acton MBA grads
- Transitional and DPT upgrades\*
- Certification only



## COURSE DESCRIPTIONS

**Explanation of Course Numbers** - The course level or class is indicated by the first digit in the course number: 0-non-degree credit; 1-freshman; 2-sophomore; 3-junior; 4-senior; 5 or 6-postgraduate or graduate. The second digit indicates the semester hour value of the course (except music, nursing, and special topics courses). The third and fourth digits indicate the departmental sequencing of the course and make it a unique number within the department or subject area.

Example: **ENGL 1301**

### **ENGL Departmental abbreviation**

**1** Course level

**3** Semester Hours

**01** Departmental Sequence

**Freshmen are not allowed to enroll in upper-division courses except under special circumstances.**

The semester hour is the unit of course credit at HSU. Ordinarily, a semester hour credit is based upon one 50-minute class period or two or more hours in the laboratory/studio per week throughout a semester. Accordingly, a course carrying a credit value of three semester hours would ordinarily meet for three 50-minute periods each week or in two sessions of one and one-quarter hours each. The number of semester, class, and laboratory/studio hours is indicated by the numbers in parentheses following the title of each course. The first number indicates semester hours, the second class hours, and the third lab/studio hours. For example, a 4-semester hour course involving three hours of lecture, plus two hours of lab per week will show that information as (4-3-2). An X (4-3-X) in the lab space indicates a variable, optional, or field activity noted in the course description.

**Course Listing** - Course listings in this catalog begin with a four-digit number as described in the preceding section. The departmental prefix (indicated in parenthesis at the beginning of the course list) plus this number constitutes the principle identifier of the course and must be accurately noted when registering. The number is followed by the course title indicating the topic of the course and by the parenthetical numbers indicating the hours of credit, of lecture and of lab, all of which are printed in bold face type. If the numbers in the parenthesis are followed by the symbol "[#]", the course is also listed in the Texas Common Course numbering system for easy cross-reference when transferring. This information is followed by a brief statement describing the content of the course. Note that this brief description is not comprehensive and that the full course content is contained in a syllabus obtainable from the department offering the course. The description may conclude with a prerequisite notice, indicating conditions which must be satisfied or other courses which must be completed prior to enrollment in the course. It may also be followed by an indication of when the student may expect the course to be offered. For example, a course normally offered each fall semester will have the word "Fall" printed at the end of the description. It is possible that such a course may occasionally be offered in the spring or summer, but the student should not expect that to be the case and should plan to take the course during the fall semester.

### **ACCOUNTING (ACCT)**

**ACCT 2311 Principles of Accounting I (3-3-0) [#]** Introductory course in financial accounting which includes the concept of accounting as the primary information system for decision-making. Basic accounting procedures including how to analyze, record, summarize, report, and interpret financial transactions are presented.. *Fall, Spring*

**ACCT 2312 Principles of Accounting II (3-3-0) [#]** Introductory course in financial accounting for business organizations other than individual proprietorships. The more complex Statement of Cash Flows is presented as an additional formal financial statement. Management accounting concepts are explored including cost accounting and various management accounting analyses. *Prerequisite: ACCT 2311. Fall, Spring*

**ACCT 3099 (1-4 credits) Special Topics** Designed to meet the special needs of upper-level students. May be repeated when topic varies.

**ACCT 3311 Intermediate Accounting I (3-3-0)** A course in expanded financial accounting theory, concepts, and accounting applications involved in accounting for current assets; property, plant and equipment; and intangible assets. This course is designed to equip the accounting major with theoretical concepts critical to continuation into more advanced accounting courses. *Prerequisite: ACCT 2312. Fall*

**ACCT 3312 Intermediate Accounting II (3-3-0)** Expanded financial accounting theory, concepts, and accounting applications involved in accounting for current and long-term liabilities, stockholders equity, operations, and financial measurement and disclosure. This course continues the theory preparation required for more advanced accounting courses. *Prerequisite: ACCT 3311. Spring*

**ACCT 3313 Cost Accounting (3-3-0)** Detailed study of the primary management accounting application of cost accounting as it relates to manufacturing and other business organizations. Job order and process costing systems are presented along with the theory of costs and various approaches to cost allocation. *Prerequisite: ACCT 2312. Spring*

**ACCT 3315 Individual Income Tax (3-3-0)** Federal income taxation of individuals applicable to personal, business, and property transactions. Basic taxation principles and procedures are presented for the reporting, payment, administration, and enforcement aspects of federal taxation. *Prerequisite: ACCT 2312. Fall*

**ACCT 3320 Accounting Systems (3-3-0)** Analysis and application of manual and computerized processes of financial accounting systems typical of those found in business. Preparation of a complete, integrated system of accounting using manual techniques is required. A computerized accounting system using popular accounting application software is also required. *Prerequisites: ACCT 2312 Fall*

**ACCT 4099 (1-4 credits) Special Topics** Designed to meet the special needs of upper-level students. May be repeated when topic varies.

**ACCT 4311 Auditing and Professional Responsibility (3-3-0)** Study of financial auditing standards and procedures to prepare accounting majors for this significant aspect of public accounting. Theory and practice are combined to enable the student to be prepared to conduct audits of various types of organizations. *Prerequisite: ACCT 3320 or consent of the instructor. Spring*

**ACCT 4316 Corporate & Partnership Income Tax (3-3-0)** Federal income taxation of partnerships, corporations, and estates and trusts is presented. Miscellaneous other federal taxes are presented for familiarization. This course is an accelerated study of the theory and process of federal taxation of organizations other than individuals. *Prerequisite: ACCT 2312. Spring*

**ACCT 4317 Advanced Accounting (3-3-0)** A detailed study of financial accounting theory and external reporting with an emphasis on business combinations, international accounting, SEC reporting requirements of publicly listed companies, and partnerships issues. *Prerequisite: ACCT 3312. Fall*

**ACCT 4319 Accounting Research and Analysis (3-3-0)** Study of the conceptual framework of accounting theory including goals, principles, and applications; also including generally accepted accounting principles as determined by the Financial Accounting Standards Board. *Prerequisite: ACCT 3312 or concurrent enrollment. As needed*

**ACCT 4321 Governmental and Nonprofit Entities (3-3-0)** A course in specialized financial accounting related to state and local governments and governmental agencies, and non-profit organizations. Introduces the theory and process of fund accounting and reporting in accordance with generally accepted accounting principles for these organizations. *Prerequisite: ACCT 2312. Spring*

#### ART

**ART 1300 Introduction to the Visual Arts (3-3-0) [#] (Art Appreciation)** Introductory course for developing understanding and attitudes in Art primarily through lectures, readings, reports and demonstrations. An insight into ways of approaching art works, basis for analysis and criticism, and functions of art in the environment. *(Acceptable for fine arts credit in University Foundational Curriculum) Fall, Spring, Summer*

**ART 1301 Drawing I (3-0-6) [#] (Studio)** Exploration of drawing media to develop perceptual skills and techniques based on art elements. *(Acceptable for fine arts credit in University Foundational Curriculum) Fall*

**ART 1302 Design I (3-0-6) [#] (Studio)** A basic study in line, shape, plane, volume, texture, value, color, and space using various media. *(Acceptable for fine art credit in University Foundational Curriculum) Fall*

**ART 1311 Drawing II (3-0-6) [#] (Studio)** Continuing development of drawing and perceptual skills with more emphasis on personal idea development. *Prerequisite: ART 1301 or consent of instructor. Spring*

**ART 2099 (1-4 credits) Special Topics (Studio)** Selected topics in Art. *Offered as needed.*

**ART 2301 Drawing III (3-0-6) (Studio) [#]** Figure drawing. Continued emphasis on perceptual, organizational, and technical skills using the live human figure as a basis for artistic expression. May be repeated twice when studio problems vary. *Prerequisite: Art 1301 or consent of instructor. Fall*

**ART 2302 3-D Design (3-0-6) [#] (Studio)** Continuation of Design I with emphasis on three-dimensional concepts. *Prerequisite: ART 1302 or consent of instructor. Spring*

**ART 2306 Art History Survey I (3-3-0) [#]** A survey of the major art forms of the prehistoric, ancient, classical, and medieval worlds. Lectures with slides and readings. *(Acceptable for fine arts credit in University Foundational Curriculum) Spring (odd years), Summer (even years) Online.*

**ART 2307 Art History Survey II (3-3-0) [#]** A general survey of the art of the Italian and Northern Renaissance, Baroque, Rococo, and nineteenth century art. Lectures with slides and readings. *(Acceptable for fine arts credit in University Foundational Curriculum) Fall (odd years), Summer (odd years) Online.*

**ART 2313 Oil Painting (3-0-6) (Studio) [#]** An introduction of the basic skills of oil painting, including canvas construction and preparation, impasto and glazing techniques, and basic color theory. *Prerequisite: ART 1301, 1302, or consent of instructor. Spring*

**ART 2314 Printmaking I (3-0-6) (Studio) [#]** An introduction to relief methods of printmaking including woodblock, linoleum cut, calligraphy, and china colle'. *Prerequisite: ART 1301, 1302, or consent of instructor. Fall, Spring.*

**ART 2315 Sculpture I (3-0-6) (Studio)** Introduction to traditional materials, processes, and techniques. Includes woodworking, metalworking, cold casting and/or stone carving. *Prerequisite: ART 1301, 2302, or consent of instructor. Fall, Spring.*

**ART 2317 Ceramics I (3-0-6) (Studio) [#]** A basic course in the making of pottery. Emphasis on hand built as well as wheel-thrown pottery utilizing stoneware and raku clay bodies. *(Acceptable for fine arts credit in University Foundational Curriculum) Fall, Spring*

**ART 2321 Introduction to Graphic Design [#]** An introduction to the graphic design field emphasizing both conceptual problem solving and technical software skills. *Prerequisites: ART 1301, 1302, or consent of instructor. The*

course satisfies the University General Education Technological Competency requirement. *Fall*

**ART 2382 Fundamentals of Photography – Darkroom Techniques (3-1-3) [#] (Studio)** A course in black and white 35mm photography and traditional silver processing in the darkroom. Various darkroom techniques will be covered. Emphasis on camera functions and usage and print tonality and composition. *(Acceptable for fine arts credit in HSU Foundational Curriculum) Fall, Spring*

**ART 3099 (1-4 credits) Special Topics (Studio)** Selected topics in Art. Topics include: Intermediate Drawing, Intermediate Sculpture, Intermediate Ceramics, Intermediate Printmaking, Intermediate Computer Graphics, Intermediate Painting, Intermediate Photography. *As needed.*

**ART 3301 Advanced Figure Drawing (3-0-6) (Studio)** Advanced exploration of drawing the human figure using a variety of drawing media and expressionistic approaches. Conceptual development and personal statement will be stressed. *Fall. Prerequisite: ART 2301 or consent of instructor.*

**ART 3311 Public School Art, Elementary (3-0-6) (Studio)** Study and use of procedures for art in the elementary school, concentrating mainly on creative activities in various art media, motivational projects, and a study of general philosophies of art. *Fall,*

**ART 3312 Public School Art, Secondary (3-1-X) (Studio)** Study and use of procedures for art in the secondary school, concentrating on creative activities in various art media and motivational projects. An in-depth look into the many aspects of art in the classroom (visual aids, observation, and philosophy of art.) *Prerequisite: ART 3311 or consent of instructor.*

**ART 3320 Photoshop for the Graphic Designer (3-1-3) (Studio)** Principles and practices of digital image editing using Adobe Photoshop, with emphasis on commercial applications. *Prerequisite: ART 2321, or consent of instructor. Spring*

**ART 3322 Illustration (3-1-3) (Studio)** Exploration of contemporary directions in illustration and experimentation with both natural and digital drawing and painting media. *Prerequisite: ART 1301, 1302, or consent of instructor. ART 1311 and 3323 or 3333 recommended, and can be taken concurrently. Fall.*

**ART 3323 Acrylic Painting (3-0-6) (Studio)** Introduction to basic skills of acrylic painting on a variety of painting surfaces. Conceptual development and personal expression will also be stressed *instructor. Fall (even years)*

**ART 3324 Printmaking II (3-0-6) (Studio)** An introduction to intaglio, lithography and serigraphy methods. *Prerequisite: ART 2314 or consent of instructor. Fall, Spring.*

**ART 3325 Sculpture II (3-0-6) (Studio)** A continuation of Sculpture I with integration of non-traditional materials, techniques, and concepts. *Prerequisite: ART 2315 or consent of Instructor. Fall, Spring.*

**ART 3327 Ceramics II (3-0-6) (Studio)** A continuation of the skills learned in Ceramics I. Utilization of stoneware, raku, and porcelain clay bodies. *Prerequisite: ART 2317 or consent of instructor. Fall, Spring.*

**ART 3328 Art Photography Portfolio (3-0-6) (Studio)** A course emphasizing research, photo editing, skill-based techniques, and development and presentation of related photographic imagery made by the student through processes of their selection. Lab work will include demonstrations and discussions necessary for each student to produce a cohesive portfolio of photographs. *Prerequisite: Art 2382 or consent of instructor. (Acceptable for fine arts credit in University Foundational Curriculum) Fall.*

**ART 3330 Computer Vector Animation (3-0-6) (Studio)** A studio course based on concepts and techniques of basic vector animation production, including storyboards and character development. Emphasis on creating movement and expression utilizing traditional or electronically generated image sequences. *Prerequisites: ART 1301, 1302, or consent of instructor. Spring.*

**ART 3333 Watercolor Painting (3-0-6) (Studio)** Introduction to basic skills of watercolor painting and other water-soluble media with emphasis on transparent techniques (including airbrush). Conceptual development and personal expression will also be stressed through assigned problems. *Prerequisite:* ART 1301, 1302 or consent of instructor. Spring, (odd years.)

**ART 3334 Printmaking III (3-0-6) (Studio)** A continuation of methods and techniques from Printmaking I and II with emphasis on development of concept and aesthetics. *Prerequisite:* ART 3324 or consent of instructor. Fall, Spring.

**ART 3352 Typography and Brand Identity (3-0-6) (Studio)** Advanced techniques in professional typography, brand identity and logo design. Comprehensive instruction in Adobe Illustrator. *Prerequisites:* Art 1301, 1302, 2321 or consent of instructor. Fall

**ART 3385 Commercial Photography (3-0-6) (Studio)** A course designed to help students develop a portfolio of digital photographs that demonstrate their understanding of the conceptualization, development, aesthetics and production of commercially oriented imagery. (Not acceptable for fine arts or humanities credit in HSU Foundational Curriculum). *Prerequisite:* Art 2382 or consent of instructor. Spring.

**ART 4000 Senior Project (Studio)** The Senior exhibition is a requirement planned and hung by the studio art candidate for the Bachelor of Fine Arts degree. Graphic design candidates for the Bachelor of Arts or Bachelor of Fine Arts degree are required to either present a senior exhibition or formally submit a Senior Portfolio to a committee consisting of art faculty and selected art professionals. The senior exhibition is optional for Bachelor of Arts or Bachelor of Behavioral Science degree candidates with an emphasis in studio art. *Prerequisite:* Senior classification. Fall, Spring.

**ART 4099 (1-4 credits) Special Topics (Studio)** Selected topics in Art offered as needed. Topics include: Advanced Drawing, Advanced Sculpture, Advanced Ceramics, Advanced Painting, Advanced Photography, Advanced Printmaking, Advanced Computer Graphics, Art Education and Art History Studies Abroad.

**ART 4306 History of Modern Art Until 1945 (3-3-0)** In-depth study of the stylistic trends, contextual history, aesthetic issues, and evolving philosophies of the art of the western world from Post-Impressionism to 1945. Lectures with slides and readings. (Acceptable for fine arts credit in HSU Foundational Curriculum) Spring. (even years.)

**ART 4307 History of Art Since 1945 (3-3-0)** In-depth study of the stylistic trends, contextual history, aesthetic issues, and evolving philosophies of the art of the western world from 1945 until the present. Lectures with slides and readings. *Prerequisites:* Art 4306 or consent of instructor. Fall. (even years.)

**ART 4308 History of Graphic Design (3-3-0)** Survey of the origins, evolution, and current development of the field of graphic design from pre-historical abstract symbols up to the present day. Lectures with slides and readings. Summer and as needed.

**ART 4313 Advanced Painting (3-0-6) (Studio)** Individual choice of painting media. Advanced study in methods of pictorial organization, presentation, and expressionistic possibilities. May be repeated twice when studio problems vary. Spring. *Prerequisite:* Two from 2313, 3323, or 3333 or consent of instructor.

**ART 4315 Sculpture III (3-0-6) (Studio)** Advanced sculpture exploring creative expression within the context of contemporary art. *Prerequisite:* ART 3325 or consent of instructor. Fall, Spring.

**ART 4317 Ceramics III (3-0-6) (Studio)** Hand building Ceramic Forms. The development of forms and techniques not possible on the potter's wheel. Work with slab and coil construction methods in high-fire clay. *Prerequisite:* 2317, 3327 or consent of the instructor. Fall, Spring.

**ART 4318 Advanced Photography (3-3-X) (Studio)** An in depth exploration of various photographic techniques and processes pertaining to darkroom and analog imagery. Topics include fiber based printing, hand coloring, large format

printing, camera free imagery, toning and presentation. *Prerequisite:* Art 2382 or consent of the instructor. Spring.

**ART 4325 Creative Web Design (3-1-3) (Studio)** Basic and advanced techniques in website design using industry-standard software, including an introduction to Flash. *Prerequisite:* ART 2321 or consent of instructor. Spring.

**ART 4326 Sculpture IV (3-0-6) (Studio)** Critical analysis and production of an original, thematic series of sculpture. *Prerequisite:* ART 4315 or consent of instructor. Fall, Spring.

**ART 4327 Ceramics IV (3-0-6) (Studio)** Contemporary Ceramic Sculpture. The study of low-fire techniques for a contemporary use of clay in a manner that breaks with the "vessel" or traditional ideology. *Prerequisite:* ART 4317 or consent of instructor. Fall, Spring.

**ART 4328 Digital Photography (3-1-3) (Studio)** A course introducing digital camera and image manipulation software. The history of photography will also be covered. Lab work will include image downloading and archiving and image editing manipulation. *Prerequisite:* Art 2382 required; Art 3320 recommended and may be taken concurrently. Fall.

**ART 4330 Computer 3D Animation (3-0-6) (Studio)** A studio course in three-dimensional (3-D) modeling and rendering techniques including lighting, staging, camera, and special effects. Emphasis on 3-D modeling building blocks using primitives to create simple or complex objects. *Prerequisites:* ART 3322 or 3320, or consent of instructor.

**ART 4333 Experimental Painting (3-0-6) (Studio)** Individual choice of painting media with emphasis on individual development. May be repeated when studio problems vary. *Prerequisite:* ART 4313 or consent of instructor. Spring (even years) and as needed.

**ART 4334 Printmaking IV (3-0-6) (Studio)** Exploratory studies in printmaking including experimentation with new media, methods and presentation. *Prerequisite:* ART 3334 or consent of instructor. Fall, Spring.

**ART 4338 Advanced Art Photography Portfolio (3-0-6) (Studio)** Advanced photography class emphasizing research, photo editing, skill-based techniques, and development and presentation of related photographic imagery made by the student through processes of their selection. Presentation, concept, content and aesthetics will be emphasized as students develop a cohesive portfolio of photographs. May be repeated when studio problems vary. *Prerequisite:* ART 3328. Fall.

**ART 4344 Printmaking V (3-0-6) (Studio)** Advanced printmaking focusing on individualized problems and directions. *Prerequisite:* ART 4334 or consent of instructor. Fall, Spring.

**ART 4354 Printmaking VI (3-0-6) (Studio)** Critical analysis and production of original interrelated prints. *Prerequisites:* ART 4344 or consent of instructor. Fall, Spring.

**ART 4355 Advanced Publication Design and Packaging (3-0-6) (Studio) Fall.**

**ART 4360 Professional Seminar (3-1-3) (Studio)** An introduction, discussion and response to topics relevant to post-graduate experiences. Includes processing the student's current artistic works into formats suitable for use in senior or one-person exhibits and a professional portfolio system. *Prerequisite:* Senior status. Spring.

**ART 4389 Internship (3-0-X) (Studio)** (Also COMM 4389) Application of skills and theory in on-the-job situations at a business selected in cooperation with the instructor. The intern will be assigned an on-site supervisor in the student's area of interest, such as graphic design, graphic production, computer graphics, photography, advertising, illustration, design, and museum/gallery curation/exhibition assistantship. A minimum of 100 on the job hours is required. *Prerequisite:* Senior status as an Art major and permission of the instructor. Fall, Spring.

#### **ATHLETIC TRAINING (ATTR)**

**ATTR 1122 Athletic Training 1 (1- 0-X) Clinical experience for athletic training students.**

**ATTR 1310 Introduction to Athletic Training** This course will introduce students to basic knowledge, skills and values

of the athletic training profession, including medical terminology, basic first aid/CPR, taping/wrapping, etc., through classroom instruction and directed observations. *Fall*  
**ATTR 2321 Athletic Training Field Experience I (3-0-X)** Required clinical experiences for athletic training students. *Prerequisite: Formal admission into Athletic Training program and ATTR 2322 or concurrent enrollment (required) Fall, Spring.*

**ATTR 2322 Athletic Training Field Experience II (3-0-X)** Required clinical experiences for athletic training students. *Prerequisites: Good standing in the athletic training program and ATTR 1310. Fall, Spring*

**ATTR 2302 Basic Athletic Injury Care (3-3-0)** (Also FSSC 2302) Basic principles, practices, and techniques in the prevention, evaluation, treatment, and rehabilitation of athletic injuries. *Fall, Spring.*

**ATTR 3321 Athletic Training Field Experience III (3-0-X)** Required clinical experiences for athletic training students. *Prerequisites: Good standing in the athletic training program and ATTR 3322 Fall, Spring.*

**ATTR 3322 Athletic Training Field Experience IV (3-0-X)** Required clinical experiences for athletic training students. *Prerequisite: Good standing in the athletic training program and ATTR 2321 Fall, Spring.*

**ATTR 3310 Rehabilitation/Reconditioning for Athletic Training (3-3-0)** This course will provide the athletic training student with the knowledge, theory, and techniques for the rehabilitation and reconditioning of the physically active individual. *Prerequisite: Good standing in the athletic training program or permission of instructor required (preference will be given to athletic training students), FSSC 3313, 3314 (recommended.) Fall*

**ATTR 3340 Therapeutic Modalities for Athletic Trainers (3-3-0)** This course will provide the athletic training student with the knowledge, theory, and techniques for the use and application of therapeutic modalities on physically active individuals. *Prerequisite: Good standing in the athletic training program or permission of instructor required (preference will be given to athletic training students). Spring.*

**ATTR 3350 Injury/Illness Evaluation I (3-3-0)** Detailed in-depth examination of systematic assessment techniques for injuries, diseases and pathological conditions of the lower extremity and the lumbar spine. *Prerequisite: Formal admission into the Athletic Training program or permission of instructor required. (preference will be given to athletic training students) BIOL 2402 or 2410 (or concurrent enrollment). Spring*

**ATTR 3351 Injury/Illness Evaluation II (3-3-0)** A continuation of detailed, in-depth examination of systematic assessment techniques for injuries, diseases and pathological conditions of the upper extremity. *Prerequisite: Good standing in the athletic training program or permission of instructor required (preference will be given to athletic training students). Fall.*

**ATTR 3352 Injury/Illness Evaluation III (3-3-0)** A continuation of detailed, in-depth examination of systematic assessment techniques for injuries, diseases and pathological conditions of the head, face, chest, abdomen and spine. *Prerequisite: Good standing in the athletic training program or permission of instructor required (preference will be given to athletic training students). Spring.*

**ATTR 4321 Athletic Training Field Experience V (3-0-X)** Required clinical experiences for athletic training students. *Prerequisites: Good standing in the athletic training program and ATTR 4322 Fall, Spring.*

**ATTR 4322 Athletic Training Field Experience VI (3-0-X)** Required clinical experiences for athletic training students. *Prerequisites: Good standing in the athletic training program and ATTR 3321 Fall, Spring.*

**ATTR 4140 Pharmacology in Athletic Training (1-3-0)** A study of pharmacological-related issues involved with the practice of athletic training. *Prerequisites: Good standing in the athletic training program (required); CHEM 1301, 1310 (recommended.) Fall, odd years*

**ATTR 4141 Pathology of Athletic Injuries (1-3-0)** A study of the effects of the pathological factors of injuries and illnesses on athletic training. *Prerequisite: Good standing in the athletic training program (required.) Fall, odd years*

**ATTR 4142 Medical Aspects of Sports (1-3-0)** A survey of illnesses and medical conditions relating to athletes and their athletic participation, including their evaluation and appropriate decision-making regarding referral and participation status. *Prerequisite: Good standing in the athletic training program (required.) Fall, odd years*

**ATTR 4143 Equipment Fitting, Bracing and Orthotics (1-3-0)** A study of protective athletic equipment fitting, brace, orthotic and protective padding fabrication and application, as well as other similar methods of athletic injury prevention. *Prerequisite: Good standing in the athletic training program (required); FSSC 3313, 3350, and 3351 (recommended.) Fall, even years*

**ATTR 4144 Current Topics in Athletic Training (1-1-0)** An in-depth discussion of current topics facing the athletic training professional. *Prerequisite: Good standing in the athletic training program (required.) Spring, even years*

**ATTR 4240 Organization and Administration of Athletic Training Programs (2-2-0)** A comprehensive study of the administrative issues involved with the delivery of athletic training services. *Prerequisite: Good standing in the athletic training program (required.) Spring, even years*

#### **BIBLE (BIBL)**

**BIBL 2099 (1-4 credits) Special Topics** Variable credit may be given. This course may be repeated for credit if content is changed.

**BIBL 2331 Methods in Biblical Interpretation (3-3-0)** Introduction to Biblical analysis, canonicity, transmission, and interpretation. *Prerequisite: BIBL 1301, 1302, and co-enrollment in THEO 2101.*

**BIBL 4099 (1-4 credits) Special Topics** Study of a selected topic in Bible. *Prerequisite: BIBL 2331 or consent of instructor.*

#### **Old Testament**

**BIBL 1301 Old Testament Survey (3-3-0)** Introductory survey of the Old Testament. Emphasis is placed upon the foundational issues of Old Testament history and interpretation. Brief consideration is given to the entire Old Testament. *Fall, Spring, Summer*

**BIBL 4302 Old Testament Historical Books (3-3-0)** Intensive study of the historical books of the Old Testament: Joshua, Judges, 1 & 2 Samuel, 1 & 2 Kings, 1 & 2 Chronicles, Ezra, and Nehemiah. Attention is given to the background, content, and interpretation of each book. *Prerequisite: BIBL 2331 or consent of instructor.*

**BIBL 4303 Old Testament Prophets (3-3-0)** Intensive study of the books of the literary prophets: Isaiah, Jeremiah, Ezekiel, and the twelve minor prophets. Attention is given to the background, content, and interpretation of each book. *Prerequisite: BIBL 2331 or consent of instructor.*

**BIBL 4304 The Pentateuch (3-3-0)** Intensive study of the first five books of the Old Testament. Attention is given to the background, content, and interpretation of each book. *Prerequisite: BIBL 2331 or consent of instructor.*

**BIBL 4305 Old Testament Writings (3-3-0)** Intensive study of selected books from the Writings: Psalms, Job, Proverbs, Ruth, Song of Songs, Ecclesiastes, Lamentations, Esther, and Daniel. Attention is given to the background, content, and interpretation of each book. *Prerequisite: BIBL 2331 or consent of instructor.*

#### **New Testament**

**BIBL 1302 New Testament Survey (3-3-0)** Introductory survey of the New Testament. Emphasis is placed upon the life and teachings of Jesus in the Gospels, the expansion of early Christianity in Acts, the teachings of the Pauline Epistles, and the General Epistles and Revelation. *Fall, Spring, Summer*

**BIBL 4301 New Testament Backgrounds (3-3-0)** Historical background of the New Testament with special emphasis on the history and literature of the inter-testamental period with their relevance for understanding the life of Jesus and the development of early Christianity. *Prerequisite: BIBL 2331 or consent of instructor.*

**BIBL 4312 Jesus in the Synoptic Gospels (3-3-0)** Study of the life and teachings of Jesus with special attention to the application of His teachings to the modern religious and social situation. *Prerequisite: BIBL 2331 or consent of instructor.*

**BIBL 4313 The Letters of Paul (3-3-0)** Study of the life and personality of Paul, followed by an intensive study of his writings and central ideas. *Prerequisite: BIBL 2331 or consent of instructor.*

**BIBL 4314 General Epistles and Revelation (3-3-0)** Study of the historical background, the books and central ideas of Hebrews, James, 1 & 2 Peter, 1, 2, & 3 John, Jude, and Revelation. *Prerequisite: BIBL 2331 or consent of instructor. Spring (even years)*

**BIBL 4315 The Gospel of John (3-3-0)** Intensive study of the Gospel of John with special attention to the background, nature, and theology of the document. Also to be considered is the relationship of the Gospel to the Johannine Epistles and Revelation. *Prerequisite: BIBL 2331 or consent of instructor. Spring (odd years)*

**BIBL 4316 Acts (3-3-0)** Study of the book of Acts as the account of the development of the early Christian church. The background, text, and theology will be studied to understand the history of the early church and current applications of those teachings. *Prerequisite: BIBL 2331 or consent of instructor. Fall (odd years)*

#### **BIOLOGY (BIOL)**

**BIOL 1120 General Zoology Laboratory (1-0-3) [#]** Laboratory course providing an introduction to the study of invertebrates and vertebrates emphasizing morphology, physiology, behavior and ecology of individuals and populations. Concurrent enrollment in BIOL 1320 is required unless waived by the instructor. This course is designed for students majoring or minoring in biology or environmental science. (Not intended for the natural science requirement for the HSU Foundational Curriculum for non-science majors and minors.) *Fall, Spring*

**BIOL 1121 General Botany Laboratory (1-0-2) [#]** Laboratory course providing an introduction to the study of plants emphasizing plant anatomy, physiology, life histories, and ecology. Concurrent enrollment in BIOL 1321 is required unless waived by the instructor. This course is designed for students majoring or minoring in Biology or Environmental Science. (Not intended for the natural science requirement for the HSU Foundational Curriculum for non-science majors and minors.) *Fall, Spring*

**BIOL 1301 Modern Concepts in Biology (3-3-0)** This course presents the application of the scientific method in the biological sciences at the introductory level. Designed for non-majors, the emphasis of this course will be in the area of expertise of the professor. *Fall, Spring*

**BIOL 1320 General Zoology (3-3-0) [#]** An introduction to the study of invertebrates and vertebrates, emphasizing morphology, physiology, behavior, and ecology of individuals and populations. Concurrent enrollment in BIOL 1120 is required unless waived by the instructor. This course is designed for students majoring or minoring in biology or environmental science. (Not intended for the natural science requirement for the HSU Foundational Curriculum for non-science majors and minors.) *Fall, Spring*

**BIOL 1321 General Botany (3-3-0) [#]** An introduction to the study of plants with major emphasis on plant anatomy, physiology, life histories, and ecology. Concurrent enrollment in BIOL 1121 is required unless waived by the instructor. This course is designed for students majoring or minoring in biology or environmental science. (Not intended for the natural science requirement for the HSU Foundational Curriculum for non-science majors/minors.) *Fall, Spring*

**BIOL 1401 Life Science (4-3-2) [#]** A study of the fundamental concepts of biology with special application to man. This is a one-semester course designed to serve as an option to satisfy the core requirement in natural science. Credit is not given for both BIOL 1401 and SCIE 2410. *Fall, Spring*

**BIOL 2099 (1-4 hrs. credit) Special Topics** Special course designed to serve the general interest of students. May be repeated for credit when topic varies. Will not count toward a major or minor in biology.

**BIOL 2101 Introduction to Physical Therapy (1-3-0)** Introductory study of professions and professional education for students interested in any of the health sciences with emphasis on physical therapy; includes an overview of the duties, responsibilities and education of physical therapists. A major focus of the course will be presentations by physical therapists and visits to health care facilities. *Fall*

**BIOL 2335 Computers in Science (3-3-0)** A lecture and project-based course designed to introduce numerical methods, parametric statistics, data analysis, various scientific statistics software, and techniques used to portray data in the sciences will be explored in this course. Various public domain databases, and uses of this data, will be explored. Current topics will include biometry, bioinformatics, and Geographic Information Science (GIS). This course fulfills the university technology competency. *Prerequisite: two semesters of science and two semesters of mathematics are required or consent of instructor. Fall*

**BIOL 2402 Human Anatomy and Physiology I (4-3-2) [#]** Structure and function of the human body. Systems covered include muscular, skeletal and nervous. This first course will introduce materials in histology, cytology, and body chemistry. *Fall, Summer*

**BIOL 2403 Human Anatomy and Physiology II (4-3-2) [#]** Structure and function of the human body. Systems covered include circulatory, digestive, urinary, reproductive, and endocrine. *Spring, Summer*

**BIOL 2405 Public Health Microbiology (4-3-3) [#]** Fundamental principles and procedures of bacteriology are emphasized in regard to disease producing organisms. Organism characteristics, culture, and control are also included. May not be counted toward a major or minor in biology. Will not satisfy science core requirements. *Spring, Summer*

**BIOL 2410 Essentials of Human Anatomy and Physiology (4-3-2)** Survey of the structure and function of the human body. All major body systems are covered. Laboratory emphasis will be placed on skeletal, muscular and nervous systems. *(This course will not satisfy the degree requirements for Nursing and Exercise Science majors or Biology as a teaching field) (May be used to satisfy the four-credit core requirement of a science course with lab for non-Science majors).* *Fall, Spring*

**BIOL 2420 Introduction to Cell Biology (4-3-2)** Study of structure and function of cells and cell components. Included are biochemical and biophysical aspects of cell architecture, cell cycle, energy transductions, nucleic acid and protein syntheses, membrane structure and function, and cell cycle regulation. This course is required before students can take BIOL 3411. *Prerequisites: BIOL 1320 and 1120 or BIOL 1321 and 1121, or approval of instructor. Fall, Spring*

**BIOL 3099 (1-4 credits) Special Problems** Field or laboratory studies of biological material. Emphasis is to be placed in the area of research of the professor teaching the course. *Prerequisite: One to three years of biology (depending on level for which credit is given) or permission of the Department Head. May be repeated for credit when topic varies. Fall, Spring, Summer*

**BIOL 3103 Forensic Science Lab (1-0-2)** Laboratory application of techniques used in crime scene investigation and scientific analysis of evidence. The use of microscopes, basic chemical analysis of solutions, some field work, and group projects are required. Videos, demonstrations, and field trips will augment the experience. This lab is designed to parallel the information presented in BIOL 3303. Concurrent

enrollment or previous completion of BIOL 3303 required. *Prerequisite:* Junior standing or permission of instructor. *Corequisite:* enrollment in BIOL 3303. Spring, Summer.

**BIOL 3302 Drugs and Society (3-3-0)** A survey of the history of drug development and use in the United States and other countries. The major classes of drugs and their effects on the body, the laws regulating drug development and use, and the sociological and psychological theories on drug use are the core of the class. Comparative cultural views of drug use and a brief history of drug legislation around the world will be included. Both licit and illicit drugs will be studied. This course will not count for science credit for science majors/minors. *Prerequisite:* Junior standing or permission of instructor. Fall, even years.

**BIOL 3303 Topics in Forensic Science (3-3-0)** A course designed to introduce students to the fundamental concepts of forensic science including: the role of the forensic scientist, crime scene investigation, analysis of evidence, the forensic laboratory, and careers in various areas of the forensic sciences. Actual case studies, many of which are documented on videos, will enhance the application of information presented in each major area. *Prerequisite:* Junior standing or permission of instructor. Spring, Summer.

**BIOL 3307 Nutrition (3-3-0)** A study of the biochemical role of the various food substances essential to good nutrition. Practical experience will be provided in planning diets for persons of different ages and different needs. *Prerequisite:* 8 hrs of BIOL or consent of instructor. Fall

**BIOL 3308 Medical Terminology (3-3-0)** A comprehensive study of the vocabulary used in clinical settings. This course includes a thorough discussion of medical treatments and disorders and procedures for generating and reading medical documentation, such as patient charts and prescriptions. Videos and hypothetical case studies are presented for discussion and interpretation. *Prerequisite:* A semester of college level anatomy and/or physiology or permission of the instructor. May Term

**BIOL 3312 Statistical Methods (3-3-0)** (Also MATH 3312) Descriptive and inferential statistics for students in education, social science, and natural science as well as in mathematics. Topics to be discussed will include measures of central tendencies, probability, estimations and predictions, variance and correlation. May be counted toward a mathematics major or minor only by students seeking teacher certification in mathematics or by students who are minoring in mathematics on the BBS degree. This course does not fulfill the foundational curriculum mathematics requirement. *Students must have a TI-30 (or equivalent) calculator. Prerequisite:* MATH 1420 for MATH 3312; MATH 1301 or 1310 for biology, psychology, or sociology credit. Spring, Summer  
Spring, Summer

**BIOL 3313 Kinesiology (3-3-0)** (Also FSSC 3313) Study of human movement involving analysis of joint and muscular mechanism, and mechanical concepts as it relates to physical education, sport, exercise science, and sports medicine. Emphasis will be given to analyzing and improving human movement for optimal health and performance. *Prerequisite:* 4 credits of human anatomy. Fall, Spring

**BIOL 3410 General Ecology (4-3-3)** A course studying the interactions of organisms with each other and with their environments. *Prerequisite:* BIOL 1320, 1120, 1321, 1121 or consent of instructor. Fall, Spring, Summer

**BIOL 3411 Genetics (4-3-3)** Focus on the fundamental principles of genetics including Mendelian inheritance, expression and interaction of genes, linkage, biochemical nature of genetic material and mutation. *Prerequisite:* BIOL 1320, 1120, 1321, 1121, 2420. Fall, Spring

**BIOL 3416 Advanced Vertebrate Biology (4-3-3)** A survey of the phylogeny, life history, evolution, and behavior of vertebrates. Field and laboratory investigations of vertebrate ecology, natural history, and phylogeny will be undertaken. *Prerequisite:* 8 credits of biology. Fall (even years)

**BIOL 3417 General Physiology (4-3-2)** Functions of living systems with both theoretical and laboratory investigations.

Major emphasis is placed on mammals. *Prerequisite:* 8 credits of biology and CHEM 1310, 1110 and 1411. Spring

**BIOL 3418 Advanced Human Anatomy (4-3-2)** An in-depth study of structures of the human body incorporating both gross and microscopic coverage of major body systems. *Prerequisite:* 8 credits of biology. Fall

**BIOL 3420 General Microbiology (4-3-3)** The biology of microorganisms with an emphasis on bacterial morphology, physiology, and genetics. Topics in applied microbiology, immunology, and virology are introduced. *Prerequisite:* 8 credits of biology and 4 credits of chemistry or consent of instructor. Fall

**BIOL 3421 Advanced Botany (4-3-3)** An examination of trends in the morphology, physiology, and life history of plants with emphasis on higher plants. Topics covered include plant anatomy; plant reproduction; plant growth and development; and plant identification. *Prerequisites:* BIOL 1320 and 1120, 1321 and 1121. Spring (even years)

**BIOL 3424 Cell Biology (4-3-3)** An in depth study of eukaryotic cell structure and function at the molecular level. Emphasis will be placed on cellular and molecular mechanisms of development. *Prerequisite:* BIOL 2420. Spring (even years)

**BIOL 4099 (1-4 credits) Special Topics** Special topics in biology that meet a special student need. The course may be repeated as different subject matter is taught. *Prerequisite:* 12 credits of biology and permission of department. Fall, Spring, Summer

**BIOL 4104 Seminar in Biology (1-1-0)** Biology Capstone Course which assesses student performance and discusses research topics of biological interest. *Prerequisite:* 2 years of biology and permission of department. Fall, Spring

**BIOL 4140 General Entomology Laboratory (1-0-3)** Laboratory course providing an introduction to the study of insects emphasizing morphology, physiology, ecology, and behavior. A treatment of medical, veterinary, and agricultural pests is also presented. The beneficial role of insects to the environment is addressed. This lab is designed to parallel the information presented in BIOL 4340. *Concurrent enrollment or previous completion of BIOL 4340 required. Prerequisite:* 8 credits of biology.

**BIOL 4330 Molecular Biology (3-3-0)** An in-depth analysis of the structure, organization, and replication of DNA, and the components that control gene expression through transcription and translation. An emphasis on the theory of current techniques will also be included. *Prerequisite:* BIOL 3411 or CHEM 4311 or concurrent enrollment. Fall (even years)

**BIOL 4340 General Entomology (3-3-0)** This course provides a general treatment of the science of entomology with emphasis placed upon the influence insects have on human life. Content includes information from the following sub-disciplines: insect ecology, medical and veterinary entomology, forensic entomology, and cultural entomology. *Prerequisite:* 8 credits of biology. Fall (odd years)

**BIOL 4402 Immunology (4-3-2)** A study of the vertebrate immune system, its chemistry, histology and genetics. Also covered is disease prevention and cause, as well as diagnostic and therapeutic applications. *Prerequisite:* BIOL 1320, 1120, 1321, 1121 and 2420, or consent of instructor. Spring. (Odd years.)

**BIOL 4411 Natural History of the Southwest (4-3-3)** Travel course designed to provide active learning about the flora, fauna, and habitat associations in the southwestern United States. Emphasis will be placed on the natural history, adaptation and ecology of organisms in these biomes. *Prerequisite:* 8 credits of biology and consent of instructor. May term

**BIOL 4422 Advanced Environmental Biology (4-2-4)** Quantitative and qualitative concepts of plant and animal community structure, interrelationships, and development. Emphasis to be placed in the area of research of the professor teaching the course. *Prerequisite:* BIOL 3410. Spring (odd years)

**BIOL 4423 Human Histology (4-3-2)** A general comparative study of human cells, tissues, and organ systems. Principles of cytology, histology, and embryology are included. *Prerequisite: BIOL 2420 and an additional 4 credits of biology. Spring (even years)*

**BIOL 4455 Adaptation and Phylogeny (4:3:2)** Adaptation and Phylogeny is a biology course offering a broad introduction to the fundamental concepts of evolutionary biology including: the history and development of modern biological thought and theories, synthetic theory, and natural selection. The course will also introduce the application of biological theories, primarily through the study of genetic characteristics of populations and inference of phylogenetic relationships among biological taxa using various types of comparative data. *Prerequisite: BIOL 3411. Spring (even years).*

#### **BUSINESS ADMINISTRATION (BSAD)**

**BSAD 1310 Personal Finance (3-3-0)** A study of the financial considerations of the individual and family. Topics covered include the time value of money, budgeting, personal credit financing, taxation, insurance, savings, and retirement planning as well as spreadsheet and internet research skills. *Fall, Spring*

**BSAD 2099, 3099, 4099 (1-4 credits) Special Topics** Designed to meet special needs of business students. May be repeated when topic varies.

**BSAD 2302 Business Statistics (3-3-0)** Business uses of statistical methods in decision-making including probability and probability distributions, sampling, tests of significance, quality control, and correlation and regression analysis. *Prerequisites: MATH 1310. Fall, Spring*

**BSAD 2304 Quantitative Business Analysis (3-3-0) [#]** Study and application of quantitative tools useful for decision-making in business and economics, including optimization techniques, time series and trend analysis, demand forecasting, and production management. *Prerequisite: BSAD 2302. Fall, Spring*

**BSAD 3302 Business Communication (3-3-0)** A practical, hands-on approach to developing business communication skills, both written and oral, but primarily written. Oral skills will emphasize impromptu presentations. Writing Intensive. *Prerequisite: COMM 1301 and ENGL 1302. Fall, Spring*

**BSAD 3303 Business Law I (3-3-0)** An introduction to the legal environment of business: courts and procedures, torts, contracts, warranties, product liability, and the Uniform Commercial Code. *Fall, Spring*

**BSAD 3304 Business Law II (3-3-0)** Of value for accounting majors planning to sit for the CPA and for management majors wanting to explore the legal aspects of the management process, the course covers the law of agency, employment, insurance, and debtor-creditor relations. The focus of the course is on the various structures of business organizations, the duties and powers of corporate management, the rights of share holders, and investor protection. *Prerequisite: BSAD 3303. As needed.*

**BSAD 3305 Business Ethics (3-3-0)** A study of ethical principles and their application to the business environment. Ethical issues in business include not only the duties and responsibilities of individuals and firms, but also general ethical issues related to the role of business in society. *Prerequisites: Junior standing. Fall, Spring*

**BSAD 3330 Introduction to International Business (3-3-0)** Introduction to the legal, political, and socio-cultural components affecting international business. By applying conceptual and practical approaches, including the use of case studies, students will analyze basic international business issues of privatization and competition with state-owned firms, risks of expropriation/confiscation, currency instability, intellectual property protections, developing vs. developed country paradigms, international trade theory and organizations (WTO, NAFTA, APEC, European Union), and procedural/substantive factors involving negotiations of business transactions with different cultures. *Prerequisite: 60 credits or approval of instructor. As needed.*

**BSAD 3341 Databases and Websites (3-3-X)** Students will learn how to apply theories of database design to create and use databases in more than one relational database management system. Students will learn how to create and manage websites using a content management system. Students will also learn how to choose a web hosting company, how to purchase a domain name, and how to modify layouts. Work in Computer Lab required. *As needed.*

**BSAD 3367 Management Information Systems (3-3-0)** Examines the use of information and communication technologies (ICT) in organizational settings from the perspective of the non-technical manager. Emphasizes the business manager's role in developing and managing information systems and the uses of ICT to create competitive advantages. Topics include the acquisition, management, use and control of information systems and their impact on individuals, organizations and society. Fulfills technology competency requirement for majors in business. *Prerequisite: BSAD 2302. Fall, Spring*

**BSAD 4100 Internship (1-X-X)** The student will gain practical, degree-related experience by applying to an employment situation the principles & procedures learned in the classroom. Some internship situations may be non-paid. Grade of (S) satisfactory or (U) unsatisfactory only.. *Prerequisites: Students must have completed at least 60 semester credits toward a business degree, and have the approval of their advisor.*

**BSAD 4200 Internship (2-X-X)** The student will gain practical, degree-related experience by applying to an employment situation the principles & procedures learned in the classroom. Some internship situations may be non-paid. Grade of (S) satisfactory or (U) unsatisfactory only.. *Prerequisites: Students must have completed at least 60 semester credits toward a business degree, and have the approval of their advisor.*

**BSAD 4300 Internship (3-X-X)** The student will gain practical, degree-related experience by applying to an employment situation the principles & procedures learned in the classroom. Some internship situations may be non-paid. Grade of (S) satisfactory or (U) unsatisfactory only.. *Prerequisites: Students must have completed at least 60 semester credits toward a business degree, and have the approval of their advisor.*

**BSAD 4307 Business Policy (3-3-0)** This course is the capstone business course and is the "bridge" between academic preparation and work experience. Consequently, writing, speaking, and critical thinking will be emphasized as well as initiative and responsibility. Participation counts as a significant part of the grade. Within the context of strategic management, the course integrates the major functional areas of business and deals with such issues as corporate social responsibility, stakeholder analysis, and international business. *Prerequisites: This class should be taken the semester of graduation: senior standing with 42 credits in business including FINA 3341, MGMT 3351 and MKTG 3361. Fall, Spring*

**BSAD 4350 Copyright and Intellectual Property Law (3-3-0)** (Also MUSB 4350) Provides an introduction to the fundamentals of copyright law, its application to the protection of sound recordings, musical compositions, motion pictures and other creative works, and its impact on the distribution of intellectual property, including record piracy and the delivery of the music via the internet. The course will also deal with the application of the principals of trademark, trade secret and patent law to the business of music and entertainment. This course will stress the ethical use of intellectual property.

**BSAD 4352 Business Institutions in New York (3-0-X)** This elective travel course is designed to acquaint students with the most important business, financial, and regulatory agencies in the financial capital of the United States. The central element of the course is a one-week visit to New York. Students will be expected to study a substantial set of reading materials before the visit, and upon returning to write a substantive paper based on their observations and study. The visit will take place during May Term and all course



requirements must be completed by the end of the summer. *Prerequisite: Approval of instructor. May Term as needed*  
**BSAD 4355 International Travel Course in Business (3-0-X)** This elective course is designed to acquaint the student with on-site understanding of how business is conducted in a foreign country. Students will travel to and visit international business firms and government organizations under the supervision and direction of faculty. Students will be expected to scrutinize a substantial set of reading materials before travel occurs, and then develop a comprehensive paper based on their observations and study of the country and businesses that are visited. The country or countries under consideration for this class will likely vary from year to year. Elective credit for various functional disciplines within the business curriculum is flexible and feasible. The visit will take place during May Term and all course requirements must be completed by the end of the summer. *Prerequisite: Instructor approval. May Term as needed.*

#### CHEMISTRY (CHEM)

**CHEM 1101 Essentials of Chemistry I Lab (1-0-3) [#]** Laboratory course providing an introduction to inorganic chemistry emphasizing chemical reactions, solution chemistry, gas laws and acid base chemistry. *Prerequisite: Concurrent enrollment in or successful completion of CHEM 1301 is required.*

**CHEM 1102 Essentials of Chemistry II Lab (1-0-3) [#]** Laboratory course providing an introduction to the principals of organic and biochemistry. Topics covered will include an introduction to organic chemistry, biologically important molecules and metabolism. *Prerequisite: Concurrent enrollment in or successful completion of CHEM 1302 is required.*

**CHEM 1110 General Chemistry I Lab (1-0-3) [#]** Laboratory course for studying the principles of chemistry: atomic and molecular structure, stoichiometry, reactions in solution, gas laws and thermochemistry. *Prerequisite: CHEM 1310 or concurrent enrollment.*

**CHEM 1111 General Chemistry II Lab (1-0-3) [#]** Laboratory course for studying of the properties of liquids, solids and solutions, kinetics, equilibrium and thermodynamics. *Prerequisite: CHEM 1311 or concurrent enrollment.*

**CHEM 1301 Essentials of Chemistry I (3-3-0) [#]** An introduction to the principles of inorganic chemistry. Number handling, solution chemistry, gas laws and acid/base chemistry will be among the topics covered. This course may not be used to satisfy the degree requirements of science majors or minors.

**CHEM 1302 Essentials of Chemistry II (3-3-0) [#]** An introduction to the principals of organic and biochemistry. Topics covered will include an introduction to organic chemistry, biologically important molecules and metabolism. The course may not be used to satisfy the degree requirements of science majors or minors. *Prerequisite: CHEM 1301.*

**CHEM 1310 General Chemistry I (3-3-0) [#]** This course covers the foundational concepts of general chemistry: atomic and molecular structure, stoichiometry, reactions in solution, gas laws and thermochemistry. *Prerequisite: MATH 1310 or 1420 or concurrent enrollment.*

**CHEM 1311 General Chemistry II (3-3-0) [#]** This course covers the more advanced concepts of general chemistry: properties of liquids, solids and solutions, kinetics, equilibrium and thermodynamics. *Prerequisite: CHEM 1310.*

**CHEM 2099 (1-4 credits) Special Topics** Topics will be chosen to meet special student needs. Topics that may be covered are one semester organic chemistry, history of chemistry, etc. One, two or three credits of lecture each week. Laboratory may be included for some topics. May be repeated for credit when different subject matter is taught.

**CHEM 3401, 3402 Organic Chemistry I, II (4-3-3)** A study of principles of organic chemistry. *Prerequisite: CHEM 1311, 1111, 3401 (for 3402). Fall, Spring*

**CHEM 3410 Quantitative Analysis and Electrochemistry (4-3-3)** The theory and application of quantitative analysis

techniques and electrochemistry to the chemistry of both inorganic and organic systems. *Prerequisite: CHEM 3402 or consent of instructor. Fall*

**CHEM 3411 Spectroscopy and Chromatography (4-3-3)** Theory and application of the principles of chromatography to analytical chemistry in both inorganic and organic systems. *Prerequisite: CHEM 3402 and 3410 or consent of instructor. Spring*

**CHEM 4099 (1-4 credits) Selected Topics** Special topics chosen to meet a special student need or to take advantage of the specialties of the faculty. Topics may be general such as advanced physical chemistry, etc., or more specific such as quantum mechanics. One, two, or three credits lecture each week. May be repeated when different subject matter is taught.

**CHEM 4105 Chemistry Seminar (1-1-0)** A student seminar course that explores topics of current importance in chemistry and biochemistry. *Prerequisites: 24 credits of chemistry coursework and permission of the department head.*

**CHEM 4120 Physical Chemistry I Laboratory (1-0-3)** Laboratory course for CHEM 4320. *Prerequisite: Concurrent enrollment in CHEM 4320 or consent of instructor. As needed.*

**CHEM 4121 Physical Chemistry II Laboratory (1-0-3)** Laboratory course for CHEM 4321. *Prerequisite: Concurrent enrollment in CHEM 4321 or consent of instructor. As needed.*

**CHEM 4140, 4240, 4340 Individual Research** Qualified students may elect individual work in a specialized field under supervision of faculty members. May be repeated for credit when nature of a problem requires or when a new problem is started.

**CHEM 4301 Biophysical Chemistry (3-3-0)** A study of the principles of physical chemistry and their application to biophysical systems. *Prerequisite: CHEM 4311 and MATH 1420. As needed.*

**CHEM 4304 Advanced Inorganic Chemistry (3-3-0)** A study of the structure and reactions in inorganic chemistry with emphasis on the area of transition metals. *Prerequisite: CHEM 3401 and 4401. Spring (odd years)*

**CHEM 4310 Biochemistry I (3-3-0)** Study of the structure properties and function of proteins, enzymes, carbohydrates, lipids and biological membranes. *Prerequisite: CHEM 3402 and BIOL 2420. Fall*

**CHEM 4311 Biochemistry II (3-3-0)** Study of bioenergetics, biosignalling and the metabolism of carbohydrates, lipids and amino acids. *Prerequisite: CHEM 4310. Spring*

**CHEM 4312 Biochemical Techniques (3-1-6)** A laboratory course that presents methodology and instrumentation used to study biomolecules. Techniques for the purification and analysis of proteins as well as basic molecular biology protocols will be presented. *Prerequisite: CHEM 4311 or concurrent enrollment. Spring.*

**CHEM 4320 Physical Chemistry I (3-3-0)** Thermodynamics and its application to systems in equilibrium. Topics include equations of state, equilibrium thermodynamics, ideal and nonideal solutions, phase equilibrium and thermodynamics of chemical reactions. *Prerequisite: MATH 1421 and PHYS 2402. Fall (odd years).*

**CHEM 4321 Physical Chemistry II (3-3-0)** Study of the macroscopic properties of chemical systems from a microscopic analysis. Topics include kinetic-molecular theory, molecular energy levels, fundamental principles of quantum mechanics, electronic structure of atoms and molecules, and spectroscopy. *Prerequisite: CHEM 4320. Spring (even years).*

**CHEM 4405 Environmental Chemistry (4-3-3)** A study of the earth's natural processes as they occur in air, water, and soil. This course will focus on both naturally operating and altered environmental systems. *Prerequisite: CHEM 3410. Spring.*

#### CHURCH HISTORY (CHST)

**CHST 1311 Introduction to Christianity (3-3-0)** An overview of Christianity, tracing the major historical and theological developments from the first century to present, with an emphasis on the Western European and North American churches.



**CHST 3321 Baptist History and Distinctives (3-3-0)** Study of the history, doctrine, and practice of Baptists. Recommended for all students; required of those on ministerial grant.

**CHST 4099 (1-4 credits) Special Topics** Study of a selected topic in church history. May be repeated for credit if content is changed.

**CHST 4352 Renaissance and Reformation (3-3-0)** (Also HIST 4352) Study of the impact of medieval institutions and thought on European society from 1300-1650 and subsequent flowering of culture during those years. Major focus will be on basic social, economic, and political changes in Europe during the period including: revival of classical learning and explosion of creative activity in the arts; changes in popular piety, political thought, and religious representation; and the religious crisis in Europe that culminated in Protestant revolt and Catholic Reformation. *Prerequisite: HIST 2301, 2302, and 3306 or consent of instructor.*

**CHST 4358 American Christianity (3-3-0)** Study of Christianity in the United States, beginning with the pre-Colonial days.

#### COMMUNICATION (COMM)

**COMM 1301 Speech Communication (3-3-0) [#]** Theory and practice in interpersonal, group, and public speaking. Laboratory experiences in self-concept, group interaction, listening skills, public speaking, and verbal and non-verbal behavior. *Fall, Spring, May, Summer*

**COMM 1302 Communication for Teachers (3-3-0) [#]** Theory and practice of fundamentals of speech communication as applied to formal and informal instructional situations; designed to meet the needs of prospective teachers. May be substituted for COMM 1301 for students in professional education. *Fall, Spring*

**COMM 1310 Computers in Communication (3-3-X)** This course is an introduction to the use of Apple computers for communication students. Included are word processing and database techniques, as well as the integration of appropriate technological elements for digital presentation. This course is accepted by the Department of Communication for meeting the foundational curriculum technological competency requirement. *Spring*

**COMM 1380 Survey of Mass Media (3-3-0) [#]** A historical survey of mass communication designed to acquaint the student with the development and impact of media communication and its technologies on American society. *Fall, Spring*

**COMM 1386 Survey of Radio and TV (3-3-0)** Study of the history and development of radio and television in America with units on technology, regulation, programming, advertising, management, and production. *Fall*

**COMM 2099 (1-4 credits) Special Topics** A special interest course focusing on selected topics not otherwise offered at this level. May be repeated for credit as topic varies. *As needed*

**COMM 2101 Media Workshop (1-0-X)** Provides experience and practice in audio, video, and graphic production for advertising, public relations, and organizational communication purposes. Students learn digital technology for recording, storage, and retrieval of electronic media messages and the proper format for purposes of effective communication. Studio and field production for campus and community events is included. *Fall, Spring.*

**COMM 2301 Public Speaking (3-3-0) [#]** A study of the various types of public audience situations and practice in communicating with each. Intense work in public speaking. *Spring.*

**COMM 2352 Survey of Advertising (3-0-X)** A broad survey of advertising focusing on design theory, terminology, technology, and techniques. Emphasis on conceptual development of advertising design through class assignments. Field trips to local advertising agencies. *Fall, Spring.*

**COMM 2373 Oral Interpretation of Literature (3-3-0) [#]** Cutting, adapting, and compiling script materials for

presentation by individuals and groups. The informative and persuasive uses of literature in academic and community settings. *Spring, even years*

**COMM 3099 (1-4 credits) Special Topics** A special interest course focusing on selected topics not otherwise offered at this level. May be repeated for credit as topic varies. *As needed*

**COMM 3301 Persuasion (3-3-0)** The theory and practice of persuasion including attitude and behavior change, credibility, and resistance. Emphasis on message facilitation factors in mass media and public address. *Prerequisite: COMM 1301, 1302, or permission of the instructor. Fall.*

**COMM 3302 Interpersonal Communication (3-3-0)** The study of interpersonal communication in relationships and skill building with emphasis on self-concept, attraction, development and maintenance of relationships, listening, conflict management, male-female and intergenerational interaction. *Prerequisite: COMM 1301 or 1302. Fall, Summer.*

**COMM 3303 Small Group Communication (3-3-0)** Study of the principles of effective group interaction and leadership and practice in both formal and informal discussion situations. *Prerequisites: COMM 1301 or 2301, or permission of the instructor. Spring*

**COMM 3304 Argumentation and Debate (3-3-0)** Principles of persuasion with emphasis on argumentation and debate in oral communication, thinking process, and logic. *Prerequisites: COMM 1301 or 2301, or permission of the instructor. Fall*

**COMM 3305 Media Ethics (3-3-0)** Intensive examination into ethics, ethical behavior, and ethical standards in print and broadcast media. *Spring*

**COMM 3326 Modern Film Critique (3-3-0)** Study in the art and science film through analysis of modern film convention, using critical theory, narrative structure, mise en scene, genre theory, and camera study. Students will learn how modern film creates, tells, and interprets "story" for a post-modern audience. *May term.*

**COMM 3330 Survey of American Film (3-3-0)** (Also HUMA 3330) The study of the development of the cinema in America, emphasizing history, genres, studios, social movements, directors, television, and video. Course requirements may include outside film viewing, projects, and research. (*Acceptable for Humanities credit in the University Core if taken with HUMA prefix.*) *Fall, Spring, May, Summer.*

**COMM 3340 Advertising for the Arts (3-3-0)** A study of the development, design, and production of advertising for entertainers, artists and musicians with a marketing emphasis. Students will learn processes for creating advertising and produce advertising using digital technology appropriate for electronic and print media. *Spring, odd years.*

**COMM 3353 Advertising Production Methods (3-0-X)** The study of desktop advertising production for mass media. Concept, design, and production are covered in using computer-based advertising technique. *Spring.*

**COMM 3381 Public Relations Feature Writing (3-3-0)** Preparation of special articles for the mass media including idea development, research techniques, and writing styles. Emphasis placed on the practice of modern public relations and its specialized requirements. *Spring.*

**COMM 3384 Principles of Public Relations (3-3-0)** Basic instruction concerning the policies and procedures of creating and maintaining public goodwill in business. A close examination of the multi-faceted methods and principles of public relations. *Fall*

**COMM 3386 Mass Media Management (3-3-X)** Introduction to Mass Media Management with emphases on legal, economic, and policy factors in contemporary communication media and media related organizations. *Spring*

**COMM 3387 Public Relations Newswriting (3-3-0)** Research and public relations writing for selected media to influence special audiences, with emphasis on print journalism. *Fall*

**COMM 4099 (1-4 credits) Special Topics** A special interest course focusing on selected topics not otherwise offered at

this level. May be repeated for credit as topic varies. *Offered as needed.*

**COMM 4300 Communication Theory (3-3-0)** An introduction and overview of the major theories in communication with special attention to the history of communication theory, the major methodologies, leading theorists, and applications. *Prerequisites: COMM 1301, or 3302, or junior standing, or consent of instructor. Spring (even years).*

**COMM 4301 Rhetoric of Social Protest (3-3-0)** The analysis and evaluation of public communication, using various styles of criticism. *Prerequisite: COMM 1301. Spring, odd years.*

**COMM 4302 Mentoring (3-3-0)** Provides skill building in time management, organization, cooperative teaching and cooperative learning, presentational skills, and evaluation. *Open to communication majors and minors only. Fall, Spring.*

**COMM 4305 Organizational Communication (3-3-0)** The study of communication networks and styles operative in organizations, and the role of the communication professionals in those structures. How to recognize and solve communication problems in organizations. *Fall.*

**COMM 4308 Trends in Communication (3-3-0)** The study of trends that influence the discipline of communication. Fall, Spring, Summer.

**COMM 4310 Digital Portfolio (3-3-0)** This course is designed to accommodate students' coursework in the departmental disciplines in order to organize and present student achievement and archive their work for future reference in relation to graduate school and/or employment. *Fall, Spring.*

**COMM 4335 Media Production (3-3-X)** The study of electronic digital media production beginning with concept and following through to execution. Video, internet-based, audio and photographic media are covered with an emphasis on design and form based upon function. Lab and field exercises are an integral part of the course. *Fall.*

**COMM 4356 Advertising Campaigns (3-0-6)** The development of a complete agency campaign to sell a product using the "agency team" approach. Students will follow-through on the preparation and management of a full advertising campaign. If available, students will participate with actual client. *Spring.*

**COMM 4371 Communication Instruction (3-3-X)** Objectives and styles of instruction in communication activities. *Prerequisite: 12 semester credits of communication. Fall, odd years.*

**COMM 4375 Directing Speech Activities (3-3-X)** A course designed to prepare the student to conduct a competitive speech program. The student will become familiar with the contests, rules, and regulations of UIL speech events. The student will learn the fundamentals of judging speech contests and running a speech tournament. *Spring, even years.*

**COMM 4384 Public Relations Cases and Campaigns (3-3-0)** The study of issues in public relations management emphasizing problem analysis, solution, evaluation, and the application of public relations strategies. *Prerequisite: COMM 3384 or Instructor consent. Spring*

**COMM 4389 Internship in Communication (3-0-X)** A minimum of 100 on-the-job hours is required. *Prerequisites: Senior status as a Communication major or minor and permission of the instructor. May be repeated for a maximum of six hours total credits as topics vary. Spring, Summer, Fall.*

#### **COMMUNICATION SCIENCES AND DISORDERS (CSD)**

**CSD 2099 Special Topics (1-4 credits)** A special interest course. May be repeated for credit when topics vary.

**CSD 2350 Sign Language I (3-3-X)** An introductory study of methods of manual communication with emphasis on American Sign Language. This course does not count as credit toward a Communication Sciences and Disorders major. *Fall*

**CSD 2351 Introduction to Speech-Language Pathology and Audiology (3-3-0)** An introductory study of normal and disordered speech, language, and hearing in persons of all ages; overview of the professions of speech-language pathology and audiology. *Fall*

**CSD 2352 Normal Speech, Language, and Hearing (3-3-X)** A study of normal speech, language, and hearing, including theory, normal developmental sequence and observation. *Spring*

**CSD 2356 Anatomy, Physiology and Neurology of Speech and Language (3-3-X)** Study of anatomy, physiology and neurology for the speech-language pathologist, including medical terminology for allied health practitioners. *Prerequisite: CSD 2351. Spring (even years)*

**CSD 3350 Sign Language II (3-3-X)** An intermediate study of methods of manual communication with primary emphasis on American Sign Language. This course does not count as credit toward a Communication Sciences and Disorders major. *Prerequisite: CSD 2350 Spring*

**CSD 3351 Clinical Phonetics (3-3-0)** A study of the bases and processes related to the normal production and perception of speech and language. Mastery of the International Phonetic Alphabet as a tool in the practice of speech-language pathology. *May*

**CSD 3352 Audiology (3-3-X)** A study of hearing, both normal and disordered, emphasizing the fundamentals of acoustics, anatomy and physiology of the auditory mechanism, pathologies of the ear, assessment/identification of hearing loss, and hearing conservation. *Prerequisite: CSD 2351. Fall*

**CSD 3353 Aural Rehabilitation (3-3-0)** A study of services provided by speech-language pathologists, including speech-language development strategies, for persons who are hearing-impaired. *Prerequisite: CSD 2351, 2352. Spring*

**CSD 3354 Articulation and Phonological Disorders (3-3-0)** A study of speech articulation and phonological disorders including etiology, theory, diagnosis, and treatment. *Prerequisite: CSD 2351, 2352, and 3351. Fall*

**CSD 3358 Neurogenic Speech-Language Disorders (3-3-0)** A study of neurogenic speech-language disorders including etiology, theory, diagnosis, and treatment. *Prerequisite: CSD 2351, 2352, 2356 Fall*

**CSD 3359 Diagnostic and Treatment Methods in Speech and Language Disorders (3-3-X)** A study of the selection and use of procedures for the assessment and diagnosis of speech and language disorders, the development of treatment plans and the evaluation of treatment results. *Prerequisite: CSD 2351, 2356 and 3351 Fall*

**CSD 3360 History and Culture of Americans with Hearing Loss (3-3-0)** A study of the history and culture of Americans with hearing loss including religious, educational, legal and sociological issues. *(Acceptable for Humanities credit in the University Core for any major. This course does not count as credit toward a Speech-Pathology major. See department chair for information.) Spring (odd years)*

**CSD 4099 Seminar in Speech, Language, or Hearing Disorders (1-4 credits)** A study of a special subject area not covered in existing courses. Repeatable as topics vary. *Prerequisite: CSD 2351, 2352; other courses as determined by the instructor. Fall, Spring, Summer.*

**CSD 4340 Current Issues in Special Education (3-3-0)** (Also EDUC 4340.) This course will orient the Communication Sciences and Disorders major to the issues affecting the field of special education. A variety of handicapping conditions will be explored. Methods and strategies for dealing with such conditions in the regular classroom will be introduced and the inclusion model will be emphasized. *(Counts as one of the required advanced hours elective.) Prerequisite: CSD 3354, 4352, PSYC 3333. Fall, Spring, Summer.*

**CSD 4352 Language Disorders (3-3-0)** A study of language disorders in children, including etiology, theory, and diagnostic and treatment methods. *Prerequisite: CSD 2351, 2352, 3351 and 3354 or written permission of department chair. Spring*

**CSD 4354 Voice and Fluency Disorders** A study of voice and fluency disorders including etiology, theory, diagnosis and treatment. *Prerequisite: CSD 2351, 2352, and 2356 or written permission of department chair. Spring*

**CSD 4353 Speech, Language, and Hearing Programs in Schools (3-3-X)** Investigation of the role of the speech-language pathologist in the school; legislation and public law

related to children having speech-language disorders; organization and management of the school speech, language, and hearing program; case selection; scheduling and implementing treatment services; individualized educational program; and documentation. (*Concurrent enrollment in PSYC 3302 is recommended.*) *Prerequisite: CSD 3354, 3359, and 4352 or permission of department chair.* Spring

**CSD 4354 Voice and Fluency Disorders (3-3-X)** A study of voice and fluency disorders including etiology, theory, diagnosis and treatment. *Prerequisite: SPED 2351, 2351, and 2356; Spring*

**CSD 4355 Development and Design of Therapeutic Resources (3-3-X)** A study of the design, creation, and modification or individualization of therapeutic materials that can be used in clinical sessions. Emphasis is placed on making materials that can be used in a variety of ways, including as extrinsic and intrinsic reinforcers and pragmatic language stimuli. (Counts as one of the required advanced hours CSD courses.) *Required corequisite for CSD 4171 and 4271. Prerequisite: CSD 3354, 3359, 4352, 4353. Summer*

**CSD 4358 Augmentative & Alternative Communication Systems (AAC) (3-3-X)** A study of the methods used to augment or to provide an alternative means of communication when a severe oral communication disorder is present. Emphasis will be placed on individual multimodal treatment plans based on evaluation results. Students will design AAC overlays. *Prerequisite: CSD, 3354, 3358, 3359 and 4352 or written permission of the department Chair. (Counts as one of the required upper-division CSD courses.) Fall*

#### Clinical Courses

**CSD 4059 Observation of Clinical Procedures in Speech, Language, and/or Hearing Disorders (1-4 credits)** Clinical observation experiences in the diagnosis and/or treatment of speech, language, and hearing disorders/delays. *Prerequisite: CSD 3352, 3353, 3354, 3358, 3359 and 4352; overall GPA of 2.80 with 3.00 in CSD courses, and permission of department chair. May require a background check and drug screening. May be repeated for credit. Fall, Spring*

**CSD 4171 Clinical Procedures and Documentation (1-1-X)** Study and practice related to providing clinical services for persons with speech, language, and hearing disorders/delays. Topics and activities include: legal, ethical and professional issues; scheduling, the selection of treatment methods; treatment planning; charting performance; writing progress notes and summaries. *Prerequisites: CSD 3354, 3359, 4352, 4353, PSYC 3305, 3333, and permission of department chair. Co-requisites: CSD 4271 and 4355. Counts as required CSD advanced hours elective. May be taken for more than one semester. Summer*

**CSD 4271 Clinical Internship (2-0-X)** Clinical practice in procedures and treatment of speech, language, and hearing disorders/delays under the supervision of certified speech-language pathologists and/or audiologists. *Prerequisites: CSD 3352, 3353, 3354, 3359, 4352, 4353, , PSYC 3305, 3333 and permission of department chair. Co-requisites: CSD 4271 and 4355. At least nine hours of required Communication Sciences and Disorders courses must have been completed at Hardin-Simmons University; overall grade-point average of 2.80 with 3.00 in required CSD courses; personal treatment of any speech-language, hearing, or related disorder identified during Communication Sciences and Disorders courses; submission of all required application and contract materials (information and forms available from the department chair); permission of the department chair). May require a background check and drug testing prior to placement. Counts as required CSD advanced hours elective. May be taken for more than one semester. Summer*

**CSD 4079 Advanced Clinical Procedures in Speech, Language, and/or Hearing Disorders (1-4 credits)** Advanced clinical experiences (observation and/or practice) and investigation in diagnosis and/or treatment of speech, language, hearing and related disorders/delays. *Prerequisite: CSD 4059, and any other course deemed necessary by the*

*department's faculty to prepare the student for observing and/or treating a specific type of disorder; overall GPA of 2.80 with 3.00 in CSD courses. May require a background check and drug screening. May be repeated for credit. Fall, Spring, Summer with special permission.*

#### COMPUTER SCIENCE (CSCI)

**Most courses in Computer Science require work in the Computer Laboratory in addition to the regularly scheduled classes. The laboratory operates on an open access basis and students may do their work any time the lab is open.**

**CSCI 1303 Introduction to Computer Applications (3-2-1) [#]** An introduction to information technology, information systems, and the role of information within society. The course provides an overview of each of the five major areas of information technology (word processing, spreadsheets, databases, presentations, Internet research); integrates the five areas, enabling students to use the technology to produce desired outputs for research, education, business, and cultural purposes; and uses spreadsheet and database programs for problem analysis. Work in Computer Lab required. The course may be waived, in those degree programs that require it, for students achieving a satisfactory score on a computer proficiency test administered by the Kelley College of Business. *Fall, Spring*

**CSCI 1320 Program Design and Development I (3-3-X)** An introduction to program design and development emphasizing problem analysis, logic tools, algorithm development, structured programming techniques, and documentation. Fulfills technology competency requirement for computer science non-business majors. *Fall, Spring*

**CSCI 2099, 3099, 4099 (1-4 credits) Special Topics** Designed to meet special needs of upper-level computer science students. Will include current topics in Computer Science. May be repeated when topic varies.

**CSCI 2320 Program Design and Development II (3-3-X)** Introduction to subprograms, data structures, and file processing. Students will design and develop advanced algorithms for solving business and scientific problems. Structured program development and professional programming methodology is emphasized. *Prerequisite: CSCI 1320. Fall, Spring*

**CSCI 3320 Assembly Language and Computer Organization (3-3-X)** Introduction to the assembly language and internal organization of a computer. Internal representation of numbers and characters and their manipulation using assembly language instructions. The functional and architectural design of the control, memory, arithmetic and input/output units of a computer. Current computer architectures. *Prerequisite: CSCI 2320. Fall*

**CSCI 3323 Computer Data Structures (3-3-X)** Study of lists, trees and other data structure concepts; algorithms for manipulating data structures; use of data structures in computer data organization and programming languages. Work in Computer Lab required. *Prerequisite: CSCI 2320 Fall*

**CSCI 3324 Networking (3-3-X)** Students will obtain a comprehensive view of how computers are connected and how they achieve communication. Topics include wireless networks, physical connections, local area networks, and the protocols that enable the Internet. Students will also learn networking terminology and will study a variety of networking applications. Work in Computer Lab required. *Prerequisite: CSCI 1320. Spring*

**CSCI 3327 Operating Systems (3-3-X)** Students will investigate concepts pertinent to the design of operating systems, including processes, scheduling, synchronization, memory management, and file systems. Students will also learn how these concepts are applied in two or more operating systems. *Spring*

**CSCI 3329 Information Systems Security Assurance (3-3-X)** This course provides an overview of design considerations involved with the security of site design. The course will also provide an understanding of the Levels of Trust and system

accreditation/certification processes. Life cycle management of software, hardware, and physical plant, from planning through destruction will be examined and reinforced using case studies. Additionally, understanding of the variety of security systems involving computers and networks and an ability to evaluate vulnerabilities will be discussed. *Prerequisites: CSCI 2324 and junior or senior status. As needed*

**CSCI 3332 Introduction to Computer Forensics (3-3-X)**

This course provides the student with an ability to perform basic forensic techniques and use appropriate media analysis software. Knowledge of the security, structure, and protocols of network operating systems and devices will be covered as students learn to gather evidence in a networked environment and to image and restore evidence properly without destroying its value. The student will learn and practice gaining evidence from a computer system while maintaining its integrity and a solid chain of custody. The student will gain hands-on experience in the use of current investigative tools. *This course fulfills the university technological competency requirement. Fall, Spring*

**CSCI 3333 Graphical User Interface Programming (3-3-X)**

A study of the design and implementation of the graphical user-interface. The course will present fundamentals of usability and human factors in GUI design. The following areas will be explored: structured and object oriented programming, selection, looping, subroutines, arrays, graphics, GUI, sequential and random file processing, MS Office custom programming, and other related topics. *Prerequisite: CSCI 2320. Spring*

**CSCI 3350 Web Technologies I (3-3-X)**

Students will become proficient in creating content for the web using a variety of client-side technologies including xHTML, CSS, and Javascript. Emphasis is placed on achieving dynamic behavior using widely adopted languages and standards. Work in Computer Lab required. *Prerequisite: CSCI 1320. Spring*

**CSCI 4320 Database Systems (3-3-X)**

Students will learn concepts and definitions foundational to modern database systems. Topics include the relational model, SQL, E-R modeling, and normalization. Concepts of database design and practice will be implemented using a modern database management system. *Work in Computer Lab required. Spring*

**CSCI 4322 Information Systems Analysis and Design (3-3-X)**

Analyzing and designing information systems; analyzing business requirements using a variety of methodologies and designing input, output, database files, and documentation for an information system including the use of CASE tools. Work in Computer Lab required. *Prerequisite: senior status. Fall.*

**CSCI 4331 Computer Graphics (3-3-X)**

Students will be introduced to concepts in 2-dimensional and 3-dimensional, interactive, computer-generated graphics such as color representation, drawing primitive shapes, line clipping, transformations, lighting, and animation. Students will learn to use a graphics API to create programs to implement these concepts. In addition, students will be exposed to the supporting vector and matrix mathematics that make such programs possible. *Prerequisites: CSCI 3323 and at least one mathematics course beyond MATH 1310. As needed*

**CSCI 4332 Artificial Intelligence (3-3-X)**

Students will investigate foundational artificial intelligence techniques including search methods, knowledge representation methods, theorem proving, planning, and various methods for creating adaptive algorithms. Students will apply some of these concepts by implementing them in computer programs. *Prerequisite: CSCI 3323. As needed*

**CSCI 4350 Web Technologies II (3-3-X)**

Students will learn and apply a variety of methods for creating and maintaining websites that make extensive use of dynamic content. This class will involve web programming on both the client side and the server side. *Prerequisites: CSCI 2320, 2333. Fall*

**CSCI 4355 Senior Project (3-3-X)** Students, working in a group setting, will draw upon knowledge and skills obtained in earlier CSCI courses to design, implement, and refine a

significant project. Emphasis will be placed on critical thinking and on the synthesis of concepts and techniques in computer science. The course will include a comprehensive exam over CSCI concepts from throughout the degree program. *Prerequisite: CSCI 4322. Spring*

**CSCI 4371 Internship in Computer Science** The student will gain practical, degree-related experience by applying to an employment situation the principles and procedures learned in the classroom. Some internship situation may be non-paid. Grade of (S)satisfactory or (U)unsatisfactory only

**COUNSELING AND HUMAN DEVELOPMENT (COHD)**

**COHD 1300 Student Success Seminar (3-3-0)**

A course designed to assist students in the successful transition to Hardin-Simmons University by providing academic, coping and relationship skills. Adaptation to all aspects of college life will be explored. *Requisite: Open only to first-time freshmen and first-time transfer students (with fewer than 30 hours).*

**CRIMINAL JUSTICE (CRIJ)**

**CRIJ 1301 Introduction to the Criminal Justice System (3-3-0) [#]**

An orientation course intended to acquaint the student with the philosophy and historical background of professional Criminal Justice practitioners. Emphasis will be on the ethics, and career opportunities at the municipal, county, state and federal levels together with an introduction to some of the complex problems faced by those employed in the criminal justice system in the contemporary world. ***This course is a prerequisite for all other courses in the department. Fall and Spring***

**CRIJ 1302 Police Operations (3-3-0) [#]**

An analysis of the duties and responsibilities of police agencies. A study of the organizational structure and operations of police agencies with emphasis on training, communications, detentions, recordkeeping, police discretion and ethical decision making. *Prerequisite: CRIJ 1301. Fall*

**CRIJ 1304 Correctional Systems (3-3-0) [#]**

An introduction to the role of corrections within the criminal justice system. Included is an in depth study of incarceration, alternatives to incarceration, treatment and rehabilitation with a focus on probation, parole and other community-based correctional programs. Students will examine the ethics of current policies and procedures as well as problems and possibilities associated with the correctional system. *Prerequisite: CRIJ 1301 Spring.*

**CRIJ 2099 (1-4 credits) Special Topics** Various topics and problems related to criminal justice. Subjects include those not covered by existing catalog courses or in-depth studies in areas requiring specialization. May be repeated for credit as topics vary. *Prerequisite: CRIJ 1301 and consent of instructor. As needed.*

**CRIJ 2301 Criminal Investigation (3-3-0) [#]**

Methods of investigation in cases of specific crimes such as murder, burglary, and robbery. Techniques of crime scene search, interrogation, and photography are emphasized. Elective. *Prerequisite: CRIJ 1301. Fall, odd years*

**CRIJ 2305 Juvenile Justice System (3-3-0) [#]**

The organization, functions, and jurisdictions of juvenile agencies. A study of the steps in the juvenile justice process up to and following adjudication. Examines diversion, probation, institutionalization, aftercare and contemporary treatment programs. *Prerequisite: CRIJ 1301. Fall*

**CRIJ 2306 Evidence and Procedure (3-3-0) (Also LGLS 2306)**

Analysis of the rules of evidence on the operational level and a study of the Code of Criminal Procedure as it affects practitioners within the criminal justice system. Review of the criminal court system from the trial court through the appellate courts with an emphasis upon the ethical application of rules and laws within the system. *Prerequisite: CRIJ 1301 or consent of instructor. Spring*

**CRIJ 3099 (1-4 credits) Special Topics**

Various topics and problems related to criminal justice. Subjects include those not covered by existing catalog courses or in-depth studies in areas requiring specialization. May be repeated for credit as

topics vary. *Prerequisite: CRIJ 1301 and consent of instructor. As needed.*

**CRIJ 3301 Correctional Case Management (3-3-0)** This course focuses on the basic principles and process of case management of adult and juvenile offenders, including the case manager's duties and responsibilities, case reports and records, and case management in several types of agencies with an emphasis upon understanding assessment, evaluation, diagnosis, and classification of offenders. The course also includes treatment of issues of confidentiality and ethics. Elective. *Prerequisite: 1301 and 1304 or consent of instructor. Spring, odd years.*

**CRIJ 3302 Bill of Rights (3-3-0)** An examination of the First, Fifth, Sixth, Eighth, and Fourteenth Amendments to the U.S. Constitution as they apply to contemporary criminal justice agencies. Included are the rights of individuals at various stages of the criminal justice system and the ethical practices by criminal justice professionals in the protection of those rights. *Prerequisite: CRIJ 1301. Fall*

**CRIJ 3306 Correctional Counseling (3-3-0)** Correctional counseling, treatment, and intervention practices will be addressed from an institutional and noninstitutional perspective. Specifically, the student will be introduced to methods of counseling from conducting initial assessments in order to determine offender risks and needs to exploring methods and modalities to address them. Professional codes of ethics, case planning practices including goal setting and utilization of resources will be discussed as well as innovative interventions with emphasis placed on special populations of correctional offenders. *Prerequisite: 3301 and 1304 or consent of instructor. Spring, even years.*

**CRIJ 3307 Criminal Law (3-3-0) (Also LGLS 3307)** An in-depth study of the major felonies and some misdemeanors by use of the common law and modern statutes and the effect of court decisions on specific statutes. *Prerequisite: CRIJ 1301 or consent of instructor. Fall*

**CRIJ 3308 Ethics in Criminal Justice (3-3-0)** A study of ethical systems and issues facing the criminal justice professional. This course explores the standards and codes of conduct and professional responsibility in criminal justice agencies. It also explores roles of professional organizations and agencies, ethics and community relations, and civil liability in law enforcement and correctional environments. *Prerequisite: 1301. Fall*

**CRIJ 3310 Applied Ethics and Social Justice Issues (3-3-0)** A study of applied ethics guiding professional practice through the exploration of social justice issues facing the criminal justice and social work professions. An examination of the standards, codes of conduct and professional responsibilities for both fields is conducted. The focus of this course is on the resolution of ethical conflicts and making ethical decisions through application of ethical principles, standards and strategies of ethical reasoning. Prerequisites: PHIL 2335 for ETHC 3310, CRIJ 1301 for CRIJ 3310, SCWK 1350 for SCWK 3310.

**CRIJ 3311 Crime Scene Investigation (3-3-0)** Topics include objectives, preparations, procedures, and methods of searching a crime scene; and the value of crime scene sketches and their relationship to crime scene photographs. In addition, the course will explore different types of physical evidence including, but not necessarily limited to: fingerprints, trace, biological fluids, firearms, impression evidence; and homicide investigations/crime scene reconstruction. *Fall*

**CRIJ 4099 (1-4 credits) Special Topics** Various topics and problems related to criminal justice. Subjects include those not covered by existing catalog courses or in-depth studies in areas requiring specialization. May be repeated for credit as topics vary. *Prerequisite: CRIJ 1301 and consent of instructor. As needed.*

**CRIJ 4302 Drugs and Crime (3-3-0)** A study of drugs and drug-related crimes and the effects they have on society. This course is a multi-dimensional approach to examine drugs in society: pharmacology, cultural, legal applications and psychosocial influence on the individual and the environment. Elective. *Prerequisite: CRIJ 1301. Spring, odd years.*

**CRIJ 4304 Criminal Profiling (3-3-0)** Topics include the role of the criminal profiler in the investigative process, crime scene reconstruction for purposes of behavioral evidence analysis, behavior patterns and classification of serial typologies, criminal motivation, an introduction to relevant databases, theories and practices, and an examination of methodologies utilized in the analysis of all aspects of crime. *Spring*

**CRIJ 4307 Contemporary Issues in Criminal Justice (3-3-0)** An in-depth study of current issues impacting the operation and delivery of services within the criminal justice system. This course will explore ethical issues facing criminal justice today by analyzing trends and current policies. Statistical data and varying points of view will broaden the scope of the topics including prison violence, gangs, societal change and its impact on the criminal justice system, the war on drugs, rehabilitation and treatment needs of offenders, and trends in policing. *Prerequisite: CRIJ 1301. Spring, odd year.*

**CRIJ 4308 The Death Penalty (3-3-0) (Also LGLS 4308)** An examination of the problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state, federal and military) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital cases and how the criminal justice responds to these issues. Elective. *Prerequisite: CRIJ 1301 and 1304 or consent of instructor. Fall, odd years.*

**CRIJ 4309 Terrorism and Homeland Security (3-3-0) (Also POLS 4309)** This course examines terrorism, counter-terrorism and individual rights in the United States since September 11<sup>th</sup>. In addition, this course will encompass a detailed study of terrorism, counter-terrorism, terrorist personalities, and terrorist groups, including types, tactics, and trends on a world-wide scale as well as domestically. This course also examines the issues of prevention, civil liberties, nation building and Homeland Security. *Elective. Prerequisite: CRIJ 1301. Spring, even years.*

**CRIJ 4310 Internship I (3-0-X)** On-the-job training in which the student experiences the operation and administration of a criminal justice agency. The internship is initiated by the University in an agency where the student observes the day-to-day operations. *Prerequisite: 15 credits of Criminal Justice (including 1301) and Senior classification and consent of instructor. This course may be taken only by students with a major or minor in the Department of Criminal Justice. Spring, Fall, and Summer*

**Note:** A Criminal Justice student may enroll for 4310 any semester. Actual participation in the agency operations will be subject to approval by the individual agency and in compliance with the rules of that department. The agency will certify the hours of observation for each student. Certified peace officers or correctional officers with a minimum of six months employment as a full time employee of a local, state, or federal agency may substitute an upper-level Criminal Justice course for this class.

**CRIJ 4311 Internship II (3-0-X)** This course provides the Criminal Justice major/minor with the opportunity to complete a second internship. *Prerequisite: CRIJ 4310 and consent of instructor. Spring, Fall, Summer*

**CRIJ 4312 Violence and Victimology (3-3-0) (Also SOCI 4312)** A study of violent behavior and the role of victimology in the criminal justice system. Sociological and psychological perspectives help to create a coherent approach relating to violent crime (domestic abuse, sexual assault, child maltreatment, elder abuse, robbery and homicide), patterns of violent offending, and the demographics of victimization as well as victim-offender relationships. This course also focuses on the ways in which violence is defined and techniques used to confront offenders of violent behavior within the criminal justice system. Elective. *Prerequisite: 1301. Fall, even years.*

**CRIJ 4313 Forensic Evidence and Expert Witness Testimony (3-3-0) (Also LGLS 4313)** An introduction into how the United States legal system deals with the multitude

of issues concerning scientific evidence. Specifically, this course concentrates on the legal issues regarding scientific interpretations and analyses of physical evidence. Students will study such issues as the development of expert testimony, forensic science, admissibility standards, and common ethical issues related to forensic evidence. *Fall*

**CRIJ 4316 Constitutional Law: Powers (3-3-0) (Also LGLS 4316)** A study of United States constitutional law with basic cases concerning presidential power, congressional power, federalism, taxing and spending powers, and interstate and foreign commerce powers. *Spring, odd years*

**CRIJ 4351 Crime and Delinquency (3-3-0) (Also SOCI 4351)** Study of the nature of crime and crime causation. Effects of crime on social order and institutions. Focus is on criminal behavior: its causes, treatment, and prevention. *Prerequisite: 6 credits of sociology or criminal justice or consent of instructor. Prerequisite: 6 credits of sociology or criminal justice or consent of instructor. Spring and Summer.*

**CRIJ 4355 Search and Seizure (3-3-0)** An in-depth study of the Fourth Amendment. Legislation and case law pertaining to search and seizure are examined and students are instructed in the preparation and execution of search warrants. Elective. *Prerequisite: 15 credits of Criminal Justice or consent of instructor. May term*

**CRIJ 4360 Senior Seminar (3-3-0)** This course combines an overview of the process of seeking, pursuing, and securing a career with a focus on preparing students for employment within the criminal justice profession. Included in the course are mock interviews, resume writing seminars and guest speakers from local, state and federal criminal justice agencies to inform students regarding the application and hiring process and practical knowledge about employment. Students will examine job-search strategies, and explore ethical issues related to professional conduct *Prerequisite: 1301 or consent of instructor. This course should be taken in the semester prior to graduation. Fall and Spring This course is for CRIJ majors only.*

#### EARLY CHILDHOOD EDUCATION (ECED)

**ECED 4311 Theory and Foundations of Early Childhood Education (3-3-0)** An introductory course to Early Childhood Education focusing on practical application of theory. Student will learn developmentally appropriate teaching practice for the various content areas in Early Childhood Education with special attention given to TEKS. Twelve clock hours of field experience in an early childhood classroom is required. *Prerequisite: PSYC 3333, EDUC 3334, and READ 3360. Fall, Spring*

#### ECONOMICS (ECON)

**ECON 1099, 2099, 3099, 4099 (1-4 credits) Special Topics** Designed to meet special needs of economics students. May be repeated when topic varies.

**ECON 2330 Introduction to Economics (3-3-0) [#]** A survey of economic principles. Basic principles, such as the nature of economics, voluntary exchange, markets, supply, demand, and supply-demand applications will be studied in depth. After a thorough grounding in the basics, the remainder of the course will introduce in very general terms the major subject-matter areas of microeconomics. *Fall, Spring*

**ECON 2332 Principles of Microeconomics (3-3-0) [#]** A study of the principles involved in the production, cost, exchange, and distribution of goods and services in a market economy. Analysis includes the role of consumers; the theory of the firm; the determination of prices under differing degrees of competition; productive inputs and their earnings; and the economics of international trade. *Prerequisite: ECON 2330. Fall, Spring*

**ECON 2333 Principles of Macroeconomics (3-3-0) [#]** A study of the theory and application of economic principles relating to the behavior of aggregate economic activity and the price level. Topics include aggregative economic variables and their measurement, economic growth, economic fluctuations, inflation, unemployment, government deficits,

monetary policy, fiscal policy, and international finance. *Prerequisite: ECON 2330 or 2332. Fall, Spring*

**ECON 3301 Intermediate Microeconomic Theory (3-3-0)** Intermediate price theory and introduction to welfare theory. Includes the theory of demand, theory of production, examination of costs, the theory of the firm, and the competitive structure of industries. *Prerequisite: ECON 2332. Spring*

**ECON 3302 Intermediate Macroeconomic Theory (3-3-0)** Analysis of the economy with special emphasis on the measurement of income and prices, aggregate demand and supply, output, employment, price determination, inflation, business fluctuations, fiscal and monetary policies and growth. *Prerequisite: ECON 2333. Fall*

**ECON 3332 International Trade (3-3-0)** Deals with international trade theory and policy. Topics include the reasons for international trade and factor movements, the instruments of trade policy, the political economy of trade policy, and trade policy in developing and advanced countries. *Prerequisite: ECON 2333. Fall (even years)*

**ECON 3333 International Finance (3-3-0) (Also FINA 3333)** Deals with such international financial matters as the balance of payments, the foreign exchange markets, the macroeconomics of open economies, and the international monetary system. *Prerequisite: ECON 2333, FINA 3341. Spring (even years)*

**ECON 3335 Law and Economics (3-3-0)** Economics provides a scientific theory of behavior as well as a method of evaluating laws' effects on important social goals. This course applies economic principles to numerous concrete legal questions, especially those arising in the broad areas of common law: property, tort, contract, and crime. *Prerequisites: ECON 2332 and BSAD 3303. As needed*

**ECON 3337 Urban and Regional Economics (3-3-0)** An overview of regional differences. Topics include: the theory of industrial and agricultural location and human migration; the economic basis for land use patterns, central places, urban form, regional and urban structure, and growth; and an analysis and examination of urban problems. *Prerequisite: ECON 2333. As needed*

**ECON 3338 History of Economic Thought (3-3-0)** Development of economic thought and economic methodology from antiquity to the advent of precapitalism to the formation of current schools of economics. The course will focus on the evolution of economics as a body of thought, the historical and cultural circumstances affecting this development, and the movement from classical economics to neoclassical economics as a foundation for modern economic theory. *Prerequisite: ECON 2330. Fall, Spring*

**ECON 3344 Money and Banking (3-3-0) (Also FINA 3344)** History and theory of banking; money and capital markets; central banking; monetary policy. *Prerequisite: ECON 2333. Fall, Spring*

**ECON 3346 Labor Economics (3-3-0)** A study of labor markets: labor supply and demand, employment contracting and personnel economics, labor unions, investments in education and training, discrimination, and patterns of inequality. Also covered are applications of economic theory to important public policy issues such as minimum wage laws, unions, and unemployment. *Prerequisites: ECON 2332 and 2333. Fall*

**ECON 4336 Public Finance (3-3-0)** Deals with the justification for government activities, the design of programs consistent with these justifications, and the effects of major existing and proposed expenditure programs and taxes. *As needed*

**ECON 4337 Econometrics (3-3-0)** Techniques of simple and multiple regression. Methods for correcting problems of autocorrelation heteroscedasticity, and multicollinearity. *Fa*

#### EDUCATION (EDUC)

**EDUC 1306 Technology in Education (3-2-1)** Course content will include a study of instructional practices that reflect current philosophical and pedagogical knowledge of

technology in education. An emphasis will be given to integration of technology within the curriculum. *Fall, Spring*  
**EDUC 2099 (1-4 credits) Special Topics** A special interest course focusing upon selected topics not otherwise treated at this level of study. May be repeated for credit when topic varies. These courses will not apply for professional education credit.

**EDUC 3334 Child and Adolescent Development (3-3-0)** This course will address the intellectual, social, physical, and emotional developmental characteristics of children from the prenatal period through adolescence. Special emphases will be placed on the familial, socioeconomic, and other cultural influences that form the context of a child and adolescent development. *Prerequisite: PSYC 3333 and admission to teacher education. Fall, Spring*

**EDUC 3338 The Learning Environment (3-3-0)** This field course will emphasize establishing and maintaining an environment for classroom learning that is physically safe, emotionally safe, and productive. Classroom management and discipline will be studied extensively. A component of the study will include examination of the major theories of classroom discipline. Students will also begin developing their philosophy of education and a classroom management/discipline plan. *Prerequisite: PSYC 3333 and admission to teacher education. Fall, Spring.*

**EDUC 4320 Student Teaching in the Elementary School (3-X-X)** Observation, participation, and teaching all-day for one half the semesters in an accredited elementary school. To be taken with EDUC 4321, 4323, or 4326. Undergraduate credit only. *Prerequisite: Senior classification must have completed PSYC 3333, EDUC 3334, 3338, 4601, and all required READ courses. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. Fall, Spring*

**EDUC 4321 Student Teaching in Early Childhood Education (3-X-X)** Observation, participation, and teaching all-day for one half the semester in an accredited kindergarten. To be taken with EDUC 4320. Undergraduate credit only. *Prerequisite: Senior classification, must have completed PSYC 3333, EDUC 3334, 3338, 4601, ECED 4311, 4312, and all required READ courses. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. Fall, Spring.*

**EDUC 4322 Student Teaching in the Secondary School (3-X-X)** (Also EDUC 4623) Observation, participation, and teaching, in an accredited secondary school, all day for one semester with experience in each teaching field for which certification is sought. Undergraduate credit only. *Prerequisite: Senior classification and permission of advisor for each teaching field. Must have completed PSYC 3333, EDUC 3334, 3338, 4371, 4340, and READ 3362. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. To be taken with EDUC 4323. Fall, Spring*

**EDUC 4323 Student Teaching in Special Education (3-X-X)** Observation, participation, and teaching all day for one half the semester in an accredited special education setting. Undergraduate credit only. *Prerequisite: Same as EDUC 4320. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. Fall, Spring.*

**EDUC 4324, 4325 Internship I, II (3-X-X)** Teaching all day for the semester in an accredited school. To enroll in this course, the student must have completed all course work except student teaching, have graduated, and be employed as a full time classroom teacher in his/her certification field (s) by an accredited school district in the state of Texas. Hours earned will be awarded as post baccalaureate hours. Registration for this course is by permission of the dean only. *Grade of (S) satisfactory or (U) unsatisfactory only. Fall, Spring.*

**EDUC 4326 Student Teaching in the Middle School (3-X-X)** Observation, participation and teaching all day for one half the semester in an accredited middle school. To be taken with EDUC 4320. Undergraduate credit only. *Prerequisite: Senior classification must have completed PSYC 3333, EDUC 3334,*

*3338, 4340, 4370, 4371, and all required courses in Education minor for grades 4 - 8. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. Fall, Spring.*

**EDUC 4340 Current Issues in Special Education (3-3-0)** This course will orient the regular classroom teacher to the issues affecting the field of special education. A variety of handicapping conditions will be explored. Methods and strategies for dealing with such conditions in the regular classroom will be introduced and the inclusion model will be emphasized. Field experiences in multiple settings will be provided. *Prerequisite: PSYC 3333 Fall, Spring*

**EDUC 4341 Educational Assessment of Exceptional Learners (3-3-0)** This course focuses on a variety of assessment and evaluation strategies appropriate for special and general educational settings. Knowledge of basic assessment procedures, instruments, and terminology as related to exceptional learners. Current practices, such as the interpretation and utilization of test data in developing individual educational plans and programming will be emphasized. The course requires in class participation, on-line activity, and field-based experience. *Prerequisites: PSYC 3333*

**EDUC 4342 Advanced Educational Strategies for Exceptional Learners (3-3-0)** This course focuses on instructional methods and strategies for teaching students with severe disabilities. Emphasis is placed on curricula adaptations, functional communication, physical management, and community integration. Knowledge of appraisal instruments and techniques to determine educational placement and educational needs of students with low incidence disabilities is emphasized. The course requires in class participation, on-line activity, field-based experience. *Prerequisites: PSYC 3333*

**EDUC 4343 Managing Academic and Social Behavior (3-3-0)** This course addresses strategies to manage classroom behavior using behavioral principles. Definition and measurement of behavior, reinforcement strategies, systematic program development, basic formats for classroom instruction, and techniques for monitoring student progress are presented. Emphasis is placed on procedures for increasing academic and socially appropriate behavior through classroom activities. The course requires in class participation and field-based experience. *Prerequisites: PSYC 3333*

**EDUC 4371 Organization and Management for Teaching in the Middle Grades and Secondary Classroom (3-3-0-X)** This field-based course gives an overview of strategies and techniques for teachers at the middle and secondary level in instructional techniques. Within this course the students will be exposed to methods for teaching at the middle and secondary level while developing skills through micro-teaching. An in-depth examination of the TEKS and the lesson cycle will be presented including the rationale for and practice of lesson planning. Students will complete 15 hours of field experience. *Prerequisite: EDUC 3334, 3338, PSYC 3333. Fall, Spring*

**EDUC 4379 Capstone Course: The Professional Teacher (3-3-0)** This course serves as the culminating experience for the education program. While focusing on issues and regulations in education, students are lead to synthesize their knowledge, make decisions, and refine their expertise in order to make a smooth transition into the professional setting. A component of the course will involve the preparation of the student's professional portfolio. *Prerequisite: PSYC 3333, EDUC 3334, 3338, EDUC 4601, and 4371. Fall, Spring*

**EDUC 4601 Interdisciplinary Strategies EC - 6(6-6-0-X)** This course is designed to present instructional strategies for interdisciplinary studies, with emphasis on social studies methods. The Texas Essential Knowledge and Skills (TEKS), pedagogy, selection of curricular goals and objectives, and assessment of learning will be examined. Attention will be given to designing coherent, relevant and meaningful instruction while learning to continually monitor instructional effectiveness. This course should be taken the semester



before student teaching or with instructor permission. Students will complete 6 hours field experience. *Prerequisite:* PSYC 3333, EDUC 3334, 3338. *Fall, Spring*

**EDUC 4621 Student Teaching in the Elementary School (6-X-X)** EDUCObservation, participation, and teaching all-day for one semester in an accredited elementary school. Undergraduate credit only. *Prerequisite:* Senior classification, must have completed PSYC 3333, EDUC 3334, 3338, 4601, and all required READ courses. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. *Fall, Spring*

**EDUC 4622 Early Childhood - 12 Student Teaching (6-X-X)** Observation, participation, and teaching all-day for one semester; one half in an accredited elementary school and one half in an accredited middle or secondary school. This course is for those students seeking EC-12 certification. Undergraduate credit only. *Prerequisite:* Senior classification and permission of teaching field advisor. Must have completed PSYC 3333, EDUC 3334, 3338, 4371, 4340, and READ 3362. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. *Fall, Spring*

**EDUC 4623 Student Teaching in the Secondary School (6-X-X)** Observation, participation, and teaching, in an accredited secondary school, all day for one semester with experience in each teaching field for which certification is sought. Undergraduate credit only. *Prerequisite:* Senior classification and permission of advisor for each teaching field. Must have completed PSYC 3333, EDUC 3334, 3338, 4371, 4340, and READ 3362. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. *Fall, Spring*

**EDUC 4626 Student Teaching in the Middle School (6-X-X)** Observation, participation, and teaching, in an accredited middle school, all-day for one semester with experience in each teaching field for which certification is sought. Undergraduate credit only. *Prerequisite:* Senior classification and permission of advisor for each teaching field. Must have completed PSYC 3333, EDUC 3334, 3338, 4370, 4340, and 4371. Registration for this course is by permission of the dean only. Grade of (S) satisfactory or (U) unsatisfactory only. *Fall, Spring*

## ENGLISH (ENGL)

**ENGL 0110 Basic Writing (1-0-1)** A developmental, one-credit English course offered to prepare students for the first regular semester of Freshman Writing. Grade of A, B, C, or F will be given (minimum grade of C required to pass). Course does not count toward graduation. *Fall, Spring*

**ENGL 1301 Freshman Writing I (3-3-0) [#]** Training in written expression. Regular papers and collateral reading; research paper required. *Prerequisite:* ACT English score of 18 or more or SAT-1 Verbal score of 480 or more; with lower score, prior completion of ENGL 0110 is required. *Fall, Spring*

**ENGL 1302 Freshman Writing II (3-3-0) [#]** Continued training in writing, incorporating a general introduction to literature. Tests, regular papers on literary topics, and collateral reading; research paper required. *Prerequisite:* ENGL 1301. *Fall, Spring*

**ENGL 2099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the catalog. May be repeated when topic varies. *Prerequisite:* ENGL 2301, 2302, or 2303.

**ENGL 2101 Composition Review (1-0-1)** Short course of review instruction in the basic skills needed for effective writing. Grade of satisfactory (S), in progress (IP), or unsatisfactory (U) is given. *Fall, Spring*

**ENGL 2301 World Literature (3-3-0) [#]** Readings in world literature, including Greek, Roman, and European; research paper required. *Prerequisite:* ENGL 1301, 1302. *Fall, Spring*

**ENGL 2302 English Literature (3-3-0) [#]** Readings in English literature from the beginnings to the present; research paper required. *Prerequisite:* ENGL 1301, 1302. *Fall, Spring*

**ENGL 2303 American Literature (3-3-0) [#]** Readings in American literature from the beginnings to the present;

research paper required. *Prerequisite:* ENGL 1301, 1302. *Fall, Spring*

**ENGL 3099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the catalog. May be repeated when topic varies. *Prerequisite:* ENGL 2301, 2302, or 2303. (3-3-0)

**ENGL 3305 Theoretical Approaches to Literature (3-3-0)** (Non-Lit) Study of major theorists to literary criticism. Includes psychological, Marxist, feminist, Deconstructionist, among others. Especially recommended for those majors considering graduate work in English. Research paper required. *Prerequisite:* ENGL 2301, 2302 or 2303. *Spring (odd years)*.

**ENGL 4099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the catalog. Topics have included Literary Allusions, Advanced Reading Survey, Literary Criticism, Regional Literature, Modern British Writing, Advanced Composition, Descriptive Linguistics, Milton, and Women Writers. May be repeated when topic varies. *Prerequisite:* ENGL 2301, 2302, or 2303.

**ENGL 4101 Teaching English in the High School (1-1-X)** (Non-Lit.) Philosophy, history, and theory underlying the content of secondary English courses. Required of all students seeking certification in English as a first teaching field or as a major adding certification. *Prerequisite:* ENGL 2301, 2302, or 2303. *Spring (odd years)*

**ENGL 4110 Capstone Course** Overview of the knowledge development expected from a graduating English major, including oral and written presentations, a review of literary terms, Greek and Roman mythology, and British and American literary periods. Students will discuss employment and graduate school opportunities for English majors and participate in an Exit Exam and Exit Evaluation. *Prerequisite:* To be taken by all non-EDUC English majors during their senior year with advisor's approval. *Fall, Spring*

**ENGL 4302 Issues in Grammar (3-3-0)** (Non-Lit) contemporary issues in English grammar. Examines the influences on and the development and use of the rules governing English usage. *Prerequisite:* ENGL 2301, 2302, or 2303. *Spring (even years)*

**ENGL 4303 Modern Drama (3-3-0)** (British or American Lit.) (Also THEA 4303) Study of the development of modern drama from 1850 to the present. Emphasis on play analysis, criticism, background, styles, and themes. *Prerequisite:* ENGL 2301, 2302, or 2303. *Fall (odd years)*

**ENGL 4304 The Medieval Period (3-3-0)** (British Lit.) Principle works of Chaucer, his language, and poetry; selected studies in significant Middle-English writings. *Prerequisite:* ENGL 2301, 2302, or 2303. *Fall (odd years)*

**ENGL 4305 The American Novel (3-3-0)** (American Lit.) Study of representative American novels with emphasis on social and literary thought. *Prerequisite:* ENGL 2301, 2302, or 2303. *Spring (odd years)*

**ENGL 4306 Shakespeare (3-3-0)** (British Lit.) Intensive study of selected works, with some emphasis on background, criticism, and interpretation. *Prerequisite:* ENGL 2301, 2302, or 2303. *Spring (odd years)*

**ENGL 4307 Modern American Literature (3-3-0)** (American Lit.) Study of American literature between the two World Wars. *Prerequisite:* ENGL 2301, 2302, or 2303. *Fall (odd years)*

**ENGL 4308 The English Novel (3-3-0)** (British Lit.) Representative novels of Great Britain's eighteenth, nineteenth, and twentieth centuries. *Prerequisite:* ENGL 2301, 2302, or 2303. *Fall (odd years)*

**ENGL 4311 Modern Poetry (3-3-0)** (British or American Lit.) Twentieth century American and British poetry. Studies include range, direction, and diversities of the poetry of selected poets. *Prerequisite:* ENGL 2301, 2302, or 2303. *Spring (even years)*

**ENGL 4312 The Seventeenth Century (3-3-0)** (British Lit.) Study of the works of Milton and Dryden, poetic schools of Donne and Jonson, and prose writers—Bacon, Browne, Bunyan, and others. *Prerequisite:* ENGL 2301, 2302, or 2303. *Spring (odd years)*

**ENGL 4313 Early American Literature (3-3-0)** (American Lit.) Colonial and national American literature, from the



beginnings to Irving and Cooper. *Prerequisite: ENGL 2301, 2302, or 2303. Spring (even years)*

**ENGL 4315 Creative Writing (3-3-0)** (Non-Lit.) Workshop program in writing poetry and fiction. Class limited to 15 students. *Prerequisite: ENGL 2301, 2302, or 2303. Fall*

**ENGL 4316 Advanced Creative Writing (3-3-0)** (Non-Lit.) Workshop program in writing poetry and fiction. Class limited to 15 students. *Prerequisite: ENGL 2301, 2302, or 2303; ENGL 4315 or approved selection of writing required. Spring*

**ENGL 4317 American Romanticism (3-3-0)** (American Lit.) Study of major American writers from Emerson to Dickinson, including Poe, Hawthorne, Melville, and Whitman. *Prerequisite: ENGL 2301, 2302, or 2303. Spring (odd years)*

**ENGL 4318 Studies in Compositional Theory (3-3-0)** (Non-Lit.) Study of the development of compositional theories, focusing on various topics in rhetoric, including history, research, and curriculum development. Emphasis may vary each time the course is taught. *Prerequisite: ENGL 2301, 2302, or 2303. Fall (odd years)*

**ENGL 4319 Studies in Milton (3-3-0)** (British Lit.) Close study of the major poetry and prose; emphasis on literary, political, and theological contexts. *Prerequisite: ENGL 2301, 2302, or 2303. Spring (even years)*

**ENGL 4320 The Thought and Fiction of C.S. Lewis (3-3-0)** (British Lit.) Close study of selected fiction and non-fiction; emphasizes analysis of style and values. *Prerequisite: ENGL 2301, 2302, or 2303. Fall (even years)*

**ENGL 4321 Introduction to Linguistics (3-3-0)** (Non-Lit.) Introductions to the study of the process by which we acquire, understand, and use language. Introduces the major aspects of this discipline: phonology, morphology, syntax, semantics, and sociolinguistics. *Prerequisite: ENGL 2301, 2302, or 2303. Fall (even years)*

**ENGL 4322 Modern Fantasy (3-3-0)** (British or American Lit.) Close study of representative novels; emphasizes the development of the genre from the 1860s to the present. *Prerequisite: ENGL 2301, 2302, or 2303. Spring (odd years)*

**ENGL 4324 The Romantic Period (3-3-0)** (British Lit.) Poetry of Wordsworth, Coleridge, Byron, Shelley, Keats and others; the essays of Lamb, Hazlitt, DeQuincey, and others. *Prerequisite: ENGL 2301, 2302, or 2303. Fall (odd years)*

**ENGL 4325 American Literary Realism (3-3-0)** (American Lit.) Study of American literature from the Civil War to World War I. *Prerequisite: ENGL 2301, 2302, or 2303. Fall (even years)*

**ENGL 4326 The Victorian Period (3-3-0)** British poetry of Browning, Tennyson, Arnold, and others; the prose of Arnold, Carlyle, and others. *Prerequisite: ENGL 2301, 2302, or 2303. Fall (even years)*

**ENGL 4327 Studies in Southern Literature (3-3-0)** (American Lit.) Will focus on significant texts by Southern authors from nineteenth, twentieth, and twenty-first centuries. Issues such as Race, Religion, History, Politics, Traditions, Identity, Myth, Folklore, and Relationships may be discussed against a background of the South's complex and diverse culture. The course may range over many genres: poetry, short fiction, drama, autobiography, essay, and novels. Emphasis may vary each time the course is taught. *Prerequisite: ENGL 2301, 2302 or 2303. Spring (even years)*

**ENGL 4328 Studies in Women Writers (3-3-0)** (British or American Lit.) This course will focus on significant texts by British & American women writers. Love, marriage, motherhood, family, relationships, and mythic and archetypal representations - and broader concerns such as women's spirituality and creativity - will be discussed. The course could range over many genres: poetry, short fiction, drama, essay, novel, and memoir. *Prerequisite: ENGL 2301, 2302, or 2303. Fall (even years)*

#### ENVIRONMENTAL MANAGEMENT (ENVM)

**ENVM 4099 (1-4 credits) Special Topics** Study of special topics, which are concentrated, highly specific, and impart time labile information.

**ENVM 3312 Environmental Ethics (3-3-0)** A study of the ethical principles and values that are relevant in examining the

moral relationship between humans and environment. Will include consideration of ethical positions to defend actions on the environment from several perspectives. including anthropocentrism, ecocentrism, individualism, and Christian biblical and theological traditions. The value implications of ecological principles and concepts will be examined. The ecological teachings and environmental ethics from non-Western world views will be examined. The ecological teachings and environmental ethics from non-Western world views will be surveyed. Course will emphasize the development of the ability to articulate and defend one's own views about the environmental ethics and to constructively criticize the views of others through discourse and writing. *May be used to fulfill the humanities requirement of the foundational curriculum; not intended to fulfill the science requirements of the foundational curriculum. Spring, odd years*

#### ENVM 4340 Environmental Laws and Regulations (3-3-0)

A survey of federal and state environmental regulations and the laws they are based on. *Fall, even years*

#### ENVIRONMENTAL SCIENCE (ENVS)

##### ENVS 1111 Introduction to Environmental Science Lab (1-0-2)

A laboratory course providing an introduction to various techniques used by environmental scientist to measure and describe environmental science phenomena. Topic to be covered include water runoff monitoring, storm water planning, soil measurement techniques, environmental site descriptions, climate impacts on humans, use of Global Positioning Satellite equipment, and an introduction to maps. *This course may not be used towards any major or minor in science Prerequisite: ENVS 1311 required previously or concurrently. Fall, Spring*

##### ENVS 1311 Introduction to Environmental Science (3-3-0)

This course is an introduction to the broad set of topics collected under the rubric of environmental science. Topics will be explored from global climate change to extinction of various flora and fauna in our world. The specific topics will be selected by the instructor. *This course may not be used towards any major or minor in science. Fall, Spring*

**ENVS 4099 (1-4 credits) Special Topics** Study of special topics in Environmental Science, which are concentrated, highly specific, and impart current information.

##### ENVS 4144 Environmental Science Seminar (1-1-0)

Seminar includes students and faculty exploring areas of special interest in environmental science. *Prerequisite: Advanced standing in environmental science and consent of instructor. Fall (odd years)*

**ENVS 4308 Water Resources Management (3-3-0)** Use, conservation, and management of water resources will be studied. The imbalance between the demand for fresh water and the limited supply will be explored. Emphasis will be placed on Texas water systems and other water systems of the west. *(odd years)*

**ENVS 4311 Environmental Science (3-3-0)** A study of the principles and issues of environmental science with an emphasis on the management of physical and biological resources for sustained human development. *Prerequisite: Environmental Science major or minor. Spring*

##### ENVS 4314 Environmental Science Field Experience (3-2-X)

This advanced, applied field and capstone course explores various techniques of environmental mapping including advance practices using Global Positioning Satellite (GPS) equipment, Geographic Information Science (GIS) software, field map production, and aerial photography interpretation. Senior environmental science students will present an individual project that demonstrates the use of various mapping solutions to an environmental problem *Prerequisite: GEOL 4315, CHEM 4405, and consent of instructors. Spring (odd years)*

#### ETHICS (ETHC)

**ETHC 3310 Applied Ethics and Social Justice Issues (3-3-0)** A study of applied ethics guiding professional practice through the exploration of social justice issues facing the

criminal justice and social work professions. An examination of the standards, codes of conduct and professional responsibilities for both fields is conducted. The focus of this course is on the resolution of ethical conflicts and making ethical decisions through application of ethical principles, standards and strategies of ethical reasoning. Prerequisites: PHIL 2335 (as needed)

**ETHC 3320 Ethics in Education (3-3-0)** A literature and multimedia based course that critically examines issues of social justice within the U.S. educational system. Prerequisites: PHIL 2335 (as needed)

**ETHC 3330 Ethics in the Fine Arts (3-3-0)** An interdisciplinary course, team taught among music, art, and theatre areas, focusing on ethical issues in the fine arts. Topics may include copyright and fair use, product distribution in the internet age, issues concerning professional conduct, contracts and obligations, the expression of meaning in the arts, and the societal impact of the arts. Prerequisite: PHIL 2335. (as needed)

**ETHC 3340 Ethics in the World's Religious Traditions (3-3-0)** Examines the approaches to ethics and particular emphases of the world's major religious traditions. Case studies that offer Jewish, Muslim, Buddhist, Hindu, Sikh, Confucian, Baha'i, Native American, African Traditional, or Christian reflections on moral dilemmas pertaining to the family, the state, economics, ecology, and medicine will be examined. Prerequisite: PHIL 2335. (as needed)

**ETHC 3360 Ethics and Science (3-3-0)** Designed to explore the reasonableness and justification of human actions, both of lay persons and professionals, with regard to the natural sciences. Topics may include biomedical ethics, research ethics, genetically modified organism production and utilization, conservation policy, and/or additional topics that reflect the expertise of faculty teaching the course. The course will explore relevant scientific topics in relation to moral values and ethical decision making. Prerequisite: PHIL 2335. (as needed)

**ETHC 4301 Ethics Minor Capstone** This course will develop student's ability to integrate the various strands of the ethics minor in a capstone project that demonstrates the application of the practical and theoretical aspects of ethics. Prerequisite: Senior status and consent of instructor. (as needed)

#### FINANCE (FINA)

**FINA 3099, 4099 (1-4 credits) Special Topics** Designed to meet special needs of upper-level students. May be repeated as topic varies.

**FINA 3333 International Finance (3-3-0)** (See ECON 3333 for course description.) Prerequisites: ECON 2333, FINA 3341. Spring (even years)

**FINA 3341 Principles of Financial Management (3-3-0)** Fundamentals of liquidity management, capital budgeting, financial structure; internal and external sources of funds, and discounted cash flow techniques. Prerequisites: ACCT 2312 and BSAD 2302. Fall, Spring

**FINA 3342 Capital Markets (3-3-0)** Money and capital markets; the effects of the market environment on financial management. Prerequisite: ECON 2333. Spring

**FINA 3344 Money and Banking (3-3-0)** (Also ECON 3344) History and theory of banking; money and capital markets; central banking; monetary policy. Prerequisite: ECON 2333. Fall, Spring

**FINA 4341 Investments (3-3-0)** The history and future of security markets; the development of skills relating to personal portfolio management; technical/fundamental analysis and the valuation of stocks; valuation of and investments in bonds and fixed income securities. Prerequisite: FINA 3341. Fall

**FINA 4342 Case Studies in Finance (3-3-0)** Analysis of written cases and articles concerning cost of capital, capital markets, capital budgeting, asset management, mergers and acquisitions, and other related topics. This class should be taken in the finance major's final year. Prerequisites: FINA 3341 and Senior standing. Spring

**FINA 4343 Commercial Bank Management (3-3-0)** The organization and structure of banks and the banking industry; the regulatory environment; lending policies and procedures; managing deposit services and non-deposit liabilities; off balance sheet activities. Prerequisites: FINA 3341 and 3344. Fall

**FINA 4344 Workshop in Finance (3-3-0)** Real world applications of concepts of financial management and investments. Students will work with clients in areas of financial analysis, planning, budgeting, and problem solving. Topics will vary annually. Extensive out-of-classroom work by students will be involved. Prerequisites: FINA 3341, 4341, and instructor approval. As needed

**FINA 4351 Advanced Investments (3-3-0)** This course is designed to provide a unifying approach to the valuation of derivative products, also known as contingent claims. Topics of particular interest include futures contracts, options, and swaps. Trading strategies involving options, including hedging and speculative positions, will be an integral component of the course. Prerequisite: FINA 4341. Spring

**FINA 4353 Corporate Finance (3-3-0)** The purpose of this course is a comprehensive examination of the role of financial managers as decision-makers in the corporate environment. The course is designed to focus specifically on corporate financial planning, risk and return trade-off, capital budgeting, cost of capital, capital structure, and dividend policy. Prerequisite: FINA 3341. Fall

#### FITNESS AND SPORTS SCIENCES (FSSC)

**Activity courses may not be repeated for credit.**

**FSSC 1099 (1-4 credits) Special Topics** A special interest course focusing upon selected topics not otherwise treated at this level of study. May be repeated for credit when topic varies.

**FSSC 1100 Fitness Management (1-1-2) (Activity)** This course is designed to introduce students to the fundamental components of fitness. Students will be exposed to both health related and sport specific fitness components. Specific fitness profiles will be analyzed and individualized lifetime fitness prescription programs will be developed for each student.

**FSSC 1102 Jogging (1-1-2) (Activity)** Spring, Summer

**FSSC 1103 Beginning Tumbling (1-0-3) (Activity)** Fall, Spring

**FSSC 1104 Advanced Tumbling and Gymnastics (1-0-3) (Activity)** Prerequisite: 1103 or consent of instructor. Spring

**FSSC 1105 Beginning Swimming (1-0-3) (Activity)** Fall, Spring, Summer

**FSSC 1106 Advanced Swimming and Lifeguard Training (1-0-3) (Activity)** Course leads toward American Red Cross Lifeguarding Certification.

Prerequisite: FSSC 1105 or consent of instructor. Spring

**FSSC 1107 Basketball and Soccer (1-0-3) (Activity)** Spring

**FSSC 1108 Varsity Volleyball (1-0-3) (Activity)** Credit for team members only.

**FSSC 1109 Varsity Basketball (1-0-3) (Activity)** Credit for team members only.

**FSSC 1110 Varsity Baseball (1-0-3) (Activity)** Credit for team members only.

**FSSC 1111 Varsity Soccer (1-0-3) (Activity)** Credit for team members only.

**FSSC 1112 Bench Aerobics (1-0-3) (Activity)**

**FSSC 1113 Adapted Physical Activities (1-0-3) (Activity)** Offered for students who, under a physician's advice, are unable to participate in regular fitness and sport sciences classes. Permission of Department Head required. Fall, Spring, Summer

**FSSC 1114 Aerobics (1-0-3) (Activity)** Rhythmic activities combining elements of the aerobic/musical approach to fitness and well being. Fall, Spring, Summer

**FSSC 1115 White Horse Rider (1-0-3) (Activity)** A member of the Hardin-Simmons University White Horse Rider Team will participate for a full semester in all activities of the White Horse program. Activities will include the care and maintenance of the horse assigned as well as practice and

performances with the White Horse Rider Team. Riders must qualify for the team to be eligible for the activity credit. *Fall, Spring*

**FSSC 1116 Volleyball/Softball (1-0-3) (Activity)** *Fall, Spring*

**FSSC 1117 Strength and Flexibility Training (1-0-3) (Activity)** *Fall, Spring, Summer*

**FSSC 1118 Advanced Weight Training (1-0-3) (Activity)** *Spring*

**FSSC 1119 Varsity Football (1-0-3) (Activity)** Credit for team members only.

**FSSC 1120 Varsity Cheerleading (1-0-3) (Activity)** Credit for team members only.

**FSSC 1123 Aquacise (1-0-3) (Activity)**

**FSSC 1124 Drill Team (1-0-3) (Activity)** A member of the Hardin-Simmons University drill team will participate for a full semester in all activities of the drill team. Activities will include practice sessions and performances at a variety of university athletic events and other appropriate activities. Team members must qualify and participate to be eligible for activity credit.

**FSSC 1125 Beginning Self Defense (1-0-3) (Activity)** *Fall, Spring*

**FSSC 1126 Advanced Self Defense (1-0-3) (Activity)** *Spring*

**FSSC 1127 Theatrical Choreography (1-0-3) (Activity)** *Fall, Spring*

**FSSC 1128 Snow Skiing (1-0-3) (Activity)**

**FSSC 1129 Cowboy Band (1-0-3) (Activity)** (See MUEI 1111 for course description.) Credit for Cowboy Band members only.

**FSSC 1131 Handball (1-0-3) (Activity)**

**FSSC 1132 Advanced Handball (1-0-3) (Activity)**

**FSSC 1144 Scuba/Water Safety (1-0-3) [#] (Activity)** Additional lab fee is required.

**FSSC 1150 Varsity Softball (1-0-3) (Activity)** This course is designed to introduce students to the fundamental components at a competitive level of women's softball. Students will be expected to analyze the sport both physically and mentally. Credit for team members only.

**FSSC 1151 Varsity Cross Country/Track & Field (1-0-3)** Credit for varsity team members only. May be taken only once for credit; *Fall, Spring*

**FSSC 1170 Wellness for Life (1-1-1)** The course is designed to introduce students to the principles of lifetime wellness and will include lecture topics such as nutrition, stress management, fitness prescription, heart disease and other health-related disorders. The course will also have an activity component where students' fitness will be assessed and they will be introduced to general fitness activities. **This is a required course for all students.**

**FSSC 1301 Computer Applications in Fitness & Sport Sciences (3-3-0)** Application of current technology in the areas of Fitness & Sport Sciences; fundamentals of computers and their use; application of commercial software to fitness and sport sciences, exercise science, athletic training, sports fitness, leisure and coaching settings; use of computer networks for communications and research. This course fulfills the technological competency for FSSC majors. *Prerequisite: Freshman or Sophomore classification in Fitness & Sport Sciences. Fall, Spring*

**FSSC 2101 Beginning Tennis (1-0-3) (Activity)** *Fall, Spring*

**FSSC 2102 Intermediate Tennis (1-0-3) (Activity)** *Prerequisite: FSSC 2101 or consent of instructor. Fall, Spring*

**FSSC 2103 Bowling (1-0-3) (Activity)** *Fall, Spring,*

**FSSC 2104 Golf (1-0-3) (Activity)** *Fall, Spring*

**FSSC 2105 Pickleball/Badminton (1-0-3) (Activity)** *Fall, Spring*

**FSSC 2106 Folk Dance (1-0-3) [#] (Activity)** *Fall, Spring*

**FSSC 2107 Advanced Aerobics (1-0-3) (Activity)** *Spring*

**FSSC 2108 Varsity Tennis (1-0-3) (Activity)** Credit for team members only.

**FSSC 2109 Varsity Golf (1-0-3) (Activity)** Credit for team members only.

**FSSC 2110 Racquetball (1-0-3) (Activity)** *Fall, Spring*

**FSSC 2111 Wallyball (1-0-3) (Activity)** *Spring*

**FSSC 2112 Intermediate Racquetball (1-0-3) (Activity)** Course is designed to teach students necessary skills and strategies needed to improve their game beyond the beginning level.

**FSSC 2113 Advanced Folk Dance (1-0-3) (Activity)** *Spring*

**FSSC 2114 Cycling (1-0-3) (Activity)** Students will experience activities that are associated with the sport of cycling. Activities such as road riding, off-road single track, multi track, BMX and stationary training will be included. *Fall*

**FSSC 2116 Aerobic Walking (1-0-3) (Activity)** *This course will emphasize walking for health and fitness for students who are interested in the instruction and practice of aerobic walking. Aerobic walking is designed to provide individuals with a low-impact alternative to jogging as a means of improving cardiovascular fitness and overall health, as well as promoting lifetime fitness. Fall, Spring*

**FSSC 2118 Advanced Jogging (1-0-3) (Activity)** *This course is designed to expose students to the next levels of jogging. Students will learn additional training methods, proper nutrition for intense workouts as well as the mental aspects of distance performance. Spring*

**FSSC 2119 Pilates (1-0-3) (Activity)** An introduction to the principles and performance of Pilates exercise to improve core strength and flexibility. *Fall, Spring*

**FSSC 2120 Yoga Fitness (1-0-3) (Activity)** *Yoga is the ancient practice of bringing body, breath, and mind into balance. Class format is a unique fusion of traditional exercise with the ancient beauty and artistry of yoga postures. All fitness levels and ages can reap the benefits of flexibility and strength training. May include use of resistance apparatus and/or incorporate Hatha Yoga principles. Benefits include flexibility and strength training and increased mental focus. Fall, Spring*

**FSSC 2300 Outdoor Education Activities (Camp) (3-0-3) (Activity)** Course is designed to provide students with a wide variety of outdoor activity experiences. This includes archery, canoeing, kayaking, rappelling, orienteering, outdoor recreation games, riflery, and sailing. It provides additional experiences in team building, leadership training and adventure dynamics. Students enrolling for this course should be classified as a sophomore or have department head approval. A room and board fee will be assessed. Course can be counted for three credits of activity credit toward foundational curriculum fitness and sport sciences requirements. *May Term only*

**FSSC 2301 Foundations of Fitness & Sport Sciences (3-3-0) [#]** Concentrated study of philosophies, principles, objectives, and historical background of modern-day fitness and sport sciences programs. *Fall, Spring*

**FSSC 2302 Basic Athletic Injury Care (3-3-0)** Basic principles, practices, and techniques in the prevention, evaluation, treatment and rehabilitation of athletic injuries. *Fall, Spring*

**FSSC 2303 Safety, First Aid, and CPR (3-3-0) [#]** A broad base of skills in first aid, safety and CPR leading toward certification. *Fall, Spring*

**FSSC 3099 (1-4 credits) Special Topics** A special interest course focusing upon selected topics not otherwise treated at this level of study. May be repeated for credit when topic varies.

**FSSC 3300 Physical Activities for Children (3-3-X)** A course designed to develop Physical Education skills for children and to give practical experiences with the concepts of games and activities as they apply to the growth of each child. *Fall, Spring, Summer*

**FSSC 3302 Essential Elements of Nutrition (3-3-0)** Basic facts and principles of human nutrition are presented. Study includes the physiological and psychological factors of food intake and utilization with emphasis on nutrition education for dietary improvements of groups and individuals. Nutritional aspects in regard to weight control, cholesterol, triglycerides, and hypertension will also be discussed. Nutrition as it relates to performance and the use of supplements will be presented. An awareness of eating disorders will also be presented. *Fall, Spring*

**FSSC 3303 Teaching Swimming and Water Safety (3-1-2)** Instruction and practice in teaching swimming and diving leading toward Red Cross Certification in Water Safety Instruction (WSI). *Prerequisite: FSSC 1106 or consent of instructor.*

**FSSC 3305 History of Sport (3-3-0)** The study of sport and its influence on the culture of Africa, Asia, Europe, North and South America. The course will emphasize the role of sport in the United States; however, the course will be structured within a global framework from the informal games of the colonial period to the highly organized often commercial contests of the present. Students study social impact of industrialization and urbanization on the development of national traditions and explore issues of race, ethnicity, and gender in relation to social, political, cultural, and economic interests. *Spring*

**FSSC 3313 Kinesiology (3-3-0) (Also BIOL 3313)** Study of human movement involving analysis of joint and muscular mechanism, and mechanical concepts as it relates to physical education, sport, exercise science, and sports medicine. Emphasis will be given to analyzing and improving human movement for optimal health and performance. *Prerequisite BIOL 2402 or BIOL 2410 Fall, Spring*

**FSSC 3314 Physiology of Exercise (3-3-0)** Study of bodily functions as they relate to exercise. Emphasis will be given to neuromuscular, metabolic, cardiovascular/respiratory aspects relating to therapeutic activities, rehabilitation programs and training methods of obtaining optimal levels of health and performance. *Prerequisite BIOL 2402 or BIOL 2410 Fall, Spring*

**FSSC 3320 Coaching Individual Sports (3-3-0)** An in-depth study of coaching athletes in individual sports such as track/cross country, tennis, swimming, cycling, strength & conditioning and power lifting. Principles may be applied to personal training of individual clients. Guest speakers will provide insight and experiences directly from the field. Designing training programs, planning practices, scheduling competitions and mentally preparing individual athletes for competition will be addressed. Projects and discussions will introduce issues regarding athlete development and enable students to establish a coaching philosophy. *Spring*

**FSSC 3321 Coaching Team Sports (3-3-0)** An in-depth study of coaching athletes in team sports such as football, basketball, soccer, softball, and baseball. Guest speakers will provide insight and experience from the field. Practical issues such as conducting a team practice, developing team cohesion, and becoming an effective leader will be addressed. Throughout the semester, students will develop a personal coaching philosophy and be introduced to a wide array of issues involved in coaching team sports. *Fall*

**FSSC 3360 Instruction of Strength Training and Conditioning (3-3-0)** This course is a comprehensive study of the theoretical concepts and applications of strength training and conditioning activities for performance enhancement. Emphasis is given to the following areas of strength training and conditioning: (1) scientific principles, (2) testing and evaluation, (3) practical demonstration and instruction of exercise techniques and prescription, (4) program design, (5) facility organization and administration. The course content includes knowledge, skills and abilities related to the NSCA's Certified Strength and Conditioning Specialist certification. *Prerequisites: FSSC 3313, 3314 or instructor approval. Spring*

**FSSC 4007 Outdoor Education Internship (0-0-X)** This course is designed to give the undergraduate student a practicum field experience in outdoor education. This is a no tuition, no credit course. A room and board fee will be assessed. Students will receive credit for internship hours upon completion of FSSC 4307 or 4308. *May Term only.*

**FSSC 4300 Senior Seminar (3-0-X)** This weekly class utilizes a seminar style format. It is designed to foster critical thinking, managerial skills, and the enhancement of communication skills, both oral and written. Additional skills development occurs in research and professional presentations that each student is required to present in a

professional setting. Emphasis is placed on addressing current issues and involves interactive role playing. *Prerequisite: Senior standing, completion of required activity courses and consent of instructor.*

**FSSC 4301 Applied Motor Control/Learning and Adaptive Movement (3-3-X)** - This course is designed to provide theoretical and applicable knowledge of motor control and learning in both typical and atypical populations. This course will address practical issues such as instruction, movement/sport skill acquisition, assessment and program development for the education, government and private sector professional working with typical and atypical populations. Off-campus experiences outside of class times are required. *Prerequisite(s): FSSC-3313 or FSSC-3314. Fall, Spring*

**FSSC 4302 Sports, Fitness, and Recreation Management (3-3-0)** Administrative problems involved in coordination of health, physical education, intramural, and other area within the discipline. *Prerequisite: Senior classification. Fall, Spring Prerequisite: Senior classification. Fall, Spring*

**FSSC 4304 Statistical Methods (3-3-0)** Development and status of measurement in physical education; analysis of various tests in the field; elementary statistical procedures; theory and practice in test administration, and use of tests in teaching fitness and sport sciences. *Prerequisite: Junior classification. Fall, Spring*

**FSSC 4305 Techniques of Physiological Fitness Assessment (3-3-0)** Course introduces a variety of laboratory and field tests utilized in the evaluation of functional work capacity in specific areas of human performance. Emphasis is given to the application of the following: (1) Benefits and risks associated with exercise testing, (2) health screening and risk stratification, (3) pretest evaluation, (4) physical fitness testing and interpretation, (5) clinical exercise testing, (6) interpretation of clinical test data, (7) exercise testing for adults, adolescents, children, elderly, pregnant women, athletes and other populations (8) legal issues. The course content includes knowledge, skills, and abilities related to professional fitness certifications. *Prerequisites: FSSC 3313, 3314, 4304, or instructor approval. Fall*

**FSSC 4306 Adapted Fitness & Sport Sciences (3-3-X)** Course is designed to enable teachers to adapt fitness and sport sciences programs and activities for atypical populations. Instruction, movement, assessment, and program design for special conditions are emphasized.

**FSSC 4307 Internship I (3-0-X)** This course is designed to give the undergraduate Exercise Science and Sports, Fitness and Leisure Studies majors a practicum field experience in which the student is required to work in a related facility or agency for a minimum of 100 clock hours. The student will be supervised jointly by members of the cooperating agency and the Department of Fitness and Sport Sciences. Application deadline March 1 (fall/summer) and October 1 (spring.) *Prerequisite: Senior classification and consent of department head. Fall, Spring, Summer.*

**FSSC 4308 Internship II (3-0-X)** This course is designed to give the undergraduate Exercise Science and Sports, Fitness and Leisure Studies majors a practicum field experience in which the student is required to work in a related facility or agency for a minimum of 100 clock hours. The student will be supervised jointly by members of the cooperating agency and the Department of Fitness and Sport Sciences. Application deadline March 1 (fall/summer) and October 1 (spring.) *Prerequisite: Senior classification and consent of dept. head. Fall, Spring, Summer.*

**FSSC 4310 Exercise Prescription (3-3-0)** Introduction to basic theory and application relative to exercise techniques and prescription for healthy individuals and individuals with specific clinically diagnosed diseases and conditions. Emphasis is given to an application of the following: (1) Benefits and risks associated with exercise, (2) health screening and risk stratification, (3) general principles of exercise prescription, (4) exercise prescription for individuals with clinical diseases and conditions, (5) exercise prescription for adults, adolescents, children, elderly, pregnant women,

athletes and other populations, and (6) methods for changing exercise behavior. The course content includes knowledge, skills, and abilities related to professional fitness certifications.

*Prerequisite:* FSSC 4305 or instructor approval. *Spring*

**FSSC 4311 Essential Elements of Movement & Performance (3-3-0)** The course will expose students to the essential cognitive elements required to perform various physical skills and to learn the fundamentals of psychomotor performance. This course will address Grades 6-12 physical education standards. The class will include a lab application component allowing students to apply principles of skill development and movement performance. *Prerequisite:* FSSC 2301. *Fall, Spring.*

**FSSC 4320 Coaching Football/Basketball (3-3-0)** An in-depth study of coaching football and basketball. Emphasis on rules, fundamental skill development, team development, and offense/defense strategies. *Prerequisite:* Senior classification.

**FSSC 4321 Coaching Volleyball/Basketball (3-3-0)** An in-depth study of coaching volleyball and basketball. Emphasis on rules, fundamental skill development, team development, and offense/defense strategies. *Prerequisite:* Senior classification.

**FSSC 4322 Coaching Baseball/Softball (3-3-0)** An in-depth study of coaching baseball and softball. Emphasis on rules, fundamental skill development, team development, and offense/defense strategies. *Prerequisite:* Senior classification.

**FSSC 4323 Coaching Soccer/Track & Field (3-3-0)** An in-depth study of coaching soccer and track. Emphasis on rules of the two sports, fundamental skill development, strategies of game situations, track meet organization and individual athlete development. *Prerequisite:* Senior classification.

**FSSC 4333 Theory and Psychological Aspects of Coaching and Sports (3-3-0)** Course is designed to aid future coaches in understanding non-technical skills and aspects of coaching and sport. Focus is on the foundations of personal and social factors related to the performance of sports skills. Included is an investigation of theories, strategies, variables and techniques that can influence the effectiveness of technical coaching, thus enabling one to develop a sounder philosophy of coaching.

**FSSC 4607 Internship (6-0-X)** This course is designed to give the undergraduate exercise science and sports, fitness and leisure studies majors practicum field experience in which the student is required to work in an exercise related facility or agency for a minimum of 200 clock hours. The student will be supervised jointly by members of the cooperating agency and Fitness & Sport Sciences Department. *Prerequisite:* FSSC 4305, Senior classification and consent of department head. *Fall, Spring, Summer*

#### FRENCH (FREN)

**FREN 1401, 1402 Elementary French I, II (4-3-2) [#]** Pronunciation, grammar, conversation, and reading of simple prose. One hour language laboratory per week. 1401 - *Fall, Summer*; 1402 - *Spring, Summer*

**FREN 2301, 2302 Intermediate French I, II (3-3-0) [#]** Review of the fundamental principles of grammar. Intensive reading of prose and poetry of increasing difficulty, with emphasis on vocabulary building. Oral practice based on material read. 2301 - *Fall, Summer*; 2302 - *Spring, Summer (odd years)*

#### GEOGRAPHY (GEOG)

**GEOG 2301 Principles of Geography (3-3-0) [#]** (Also GEOG 2301) Provides an introduction to the breadth of Geography from human interaction with the physical environment to such topics as Population, Environmental, and Urban Geography. Maps will be used to study the earth's features and the distribution of humans, resources, cultures, oceans, weather patterns, and other related topics.

**GEOG 3301 Cultural Geography (3-3-0)** (Also HIST 3307) Study of the political, social, economic, religious, and topographic impact on the development of the major cultural

realms of the world and where they are today. A survey of the major cultural regions of the world with attention given to the geographic factors that affect current political and economic problems as well as past cultural influences. Attention will be given to individual countries.

#### GEOLOGICAL SCIENCE (GEOL)

**GEOL 1103 Physical Geology Laboratory (1-0-2) [#]** A laboratory course providing an introduction to various techniques used by geologists to identify rock and mineral and the use of maps. *Prerequisite:* GEOL 1303 required previously or concurrently. *Fall, Spring*

**GEOL 1303 Physical Geology (3-3-0) [#]** An introduction to physical geology. A study of minerals, rocks, structures, and the processes that modify the Earth's surface and affect the people that live there. *Fall, Spring.*

**GEOL 1411 Historical Geology (4-3-3)** A study of the geologic history of the earth and the evolution of life with emphasis on the North American continent. Included are the geologic processes and principles that have shaped our planet including plate tectonics, age dating of geologic materials, fossil preservation, and ancient depositional environments. *Prerequisite:* GEOL 1103 and 1303. *Spring*

**GEOL 2099 (1-4 credits) Special Topics** A course designed to meet special student needs. One, two, or three hours lecture per week. Laboratory may be included for some topics. May be repeated for credit when topic varies. Will not count toward a major or minor in geology. *Fall, Spring*

**GEOL 2103 Natural Hazards Laboratory (1-0-2) [#]** This laboratory course provides an introduction to the methods used to study natural hazards. This course will review the parameters and measurements of several natural earth phenomena that interact negatively with human activity. This course will include the use of Global Positioning System (GPS) and Geographic Information System (GIS) technology to assess local hazard potential. *Concurrent or previous enrollment in GEOL 2303 is required. This course is not intended to satisfy any science major or minor requirements. Fall*

**GEOL 2301 Principles of Geography (3-3-0) [#]** (Also GEOG 2301) Provides an introduction to the breadth of Geography from human interaction with the physical environment to such topics as Population, Environmental, and Urban Geography. Maps will be used to study the earth's features and the distribution of humans, resources, cultures, oceans, weather patterns, and other related topics.

**GEOL 2303 Natural Hazards (3-3-0) [#]** A survey of the many natural hazards that interact with the human population. Course material includes the geological concepts that are fundamental to each natural hazard, the causes and effects of each natural hazard, methods of prevention and mediation, and case studies. *Fall, Spring*

**GEOL 2410 Mineralogy (4-3-3) [#]** An introduction to minerals; with an emphasis on their physical properties, including composition, classification, identification, occurrences, and uses. *Prerequisites:* CHEM 1310, 1110, GEOL 1103 and 1303. *Spring (even years)*

**GEOL 3099 (1-4 credits) Special Problems** Field or laboratory studies of geological material. Emphasis is to be placed in the area of research of the professor teaching the course. May be repeated for credit when topic varies. *Fall, Spring,*

**GEOL 3301 Oceanography (3-3-0)** An introduction to oceanography. This course emphasizes the application of geologic principles to the study of the marine environment. This course also covers atmospheric phenomena that occur at or near the surface of the earth, including weather and climate that are impacted by the oceans of the earth. *May not be used to fulfill major or minor requirements in Geology. Fall,*

**GEOL 3305 Volcanoes and Earthquakes (3-3-0)** A survey of the mechanisms that cause earthquakes and volcanoes, their relation to plate tectonics, and the associated hazards to humans will be studied. Volcanoes and faults of West Texas and New Mexico will be closely examined. *Spring This course*

may not be used to satisfy the degree requirement for science majors or minors.

**GEOL 3310 Geochemistry (3-3-0)** This course provides an introduction to geochemistry for the undergraduate geology student. The course introduces essential geochemical tools of thermodynamics and kinetics, aquatic chemistry, isotope geochemistry, and trace element geochemistry. In addition, the course will explore the Earth from a geochemical perspective. Topics such as formation of elements, formation of the Earth and Solar System, evolution of the lithosphere and mantle, weathering of minerals, stream chemistry, and ocean chemistry will be studied. *Prerequisite: one year of general chemistry, GEOL 1103, 1303, or consent of instructor.*

**GEOL 3311 Geospatial Analysis (3-2-X)** This is an applied field course that introduces the student to mapping techniques using Global Positioning Satellite (GPS) equipment, Geographic Information Science (GIS) software, traditional surveying methods, geologic map production, and aerial photography interpretation. *Prerequisite: Approval of the head of the department. (Field Trip and Travel Fee Required Fall (Odd))*

**GEOL 3405 Concepts in Paleontology (4-3-3)** An introduction to paleontological methods and application as related to invertebrate paleontology. While course content is driven by the basic concepts of invertebrate paleontology, the concepts of biostratigraphy, correlation, paleoenvironmental interpretation, and field methods will be a fundamental component. The course includes a weekly lab where students will investigate paleontological specimens. *Prerequisite: GEOL 1103, GEOL 1303 Fall (even)*

**GEOL 3410 Structural Geology (4-3-3)** A study of the architecture of the earth, including the causes of the deformation, resulting structure, and their interrelations. *Prerequisite: GEOL 1103, 1303 and 1411. Fall (odd years)*

**GEOL 3411 Igneous and Metamorphic Petrology (4-3-3)** An introduction to igneous and metamorphic rocks; with an emphasis on their physical properties, including composition, classification, identification, occurrences, and significance to plate tectonics. *Prerequisites: CHEM 1310, 1110, GEOL 1103, 1303, and 2410, MATH 1310 and consent of Instructor. Field trip and travel fee required. Fall (even years)*

**GEOL 4099 (1-4 credits) Special Problems** Individual or group study of specific topics in/or relating to geology. The courses may be repeated as topics vary. Laboratory studies may carry up to four credits; other studies from one to three credits. *Prerequisite: Nine hours of advanced geology or approval of department head. Field trip and travel fee required. Fall, Spring*

**GEOL 4144 Geoscience Seminar (1-1-0)** This seminar is intended to prepare Geology students entering careers in academia, the petroleum industry, and the environmental industry for their job/school hunt, and reinforce the skills necessary to be successful in the field. Professional applications and resumes, presentation skills, research methods, and geosciences ethics are included in the material covered for this course. *Prerequisites: Nine credits of advance geology and approval of the instructor. Spring*

**GEOL 4305 Geomorphology (3-3-0)** This course bridges conceptual mapping and landform geology, by exposing students to the active processes that shape the Earth and the landforms that result from those processes. Maps, aerial photos, and Geographic Information Systems (GIS) will all be applied in this course to the study of landforms. *Prerequisites: six credits of advance geology or approval of the instructor. as needed*

**GEOL 4311 Petroleum Geology (3-3-0)** Origin, geological occurrences and location of petroleum will be studied. Methods of exploitation will be investigated. In addition to more traditional petroleum related issues, alternative sources of energy commonly being developed by US energy corporations will be investigated. This course is suggested for those students planning to work in the petroleum industry. *Prerequisites: six credits of advanced Earth Science or consent of Instructor.*

**GEOL 4312 Geospatial Technology (3-2-X)** This course is designed for upper classmen, in the sciences, who have a need for training in the use of Geographic Information Systems (GIS). The class is driven by introductory lectures and hands-on computer based activities to teach the fundamental principles behind GIS, train students in the use of GIS, and have the student apply this training toward a realistic geospatial project. In addition, students will be trained in the use of Global Positioning System (GPS) receivers, and portable weather stations/altimeters. *Prerequisite: 16 credits of advanced science courses (GEOL, BIOL, CHEM, PHYS) Spring (even)*

**GEOL 4315 Hydrology (3-3-0)** Comprehensive study of hydraulic characteristics of soil, rocks, aquifers, rivers and lakes with application to environmental and water resource planning concerns. *Prerequisite: 12 credits of science. Fall (even years)*

**GEOL 4317 Applied Petroleum Geology (3-3-0)** For students entering into internships and careers in the petroleum industry, certain techniques and conceptual models are required to operate successfully. Advanced well-log analysis, seismic analysis and various sequence stratigraphic models will be used to accentuate the techniques and skills needed in locating and evaluating potential reservoir systems. *Prerequisites: nine credits of advance geology and approval of the instructor.*

**GEOL 4410 Stratigraphy and Sedimentation (4-3-3)** The sedimentary rock record is fundamental to understanding and interpreting the geologic history of the earth. This course investigates the sedimentary processes shaping the planet, methods of collecting and investigating data from sedimentary rocks, the correlation of sedimentary rocks from around the world, and the fundamental concepts of sequence stratigraphy. *Prerequisite: Six credits of advanced geology or approval of department head. Field trip and travel fee required. (odd years)*

#### GERMAN (GRMN)

**GRMN 1401, 1402 Elementary German I, II (4-3-2) [#]** Pronunciation, grammar, conversation, and the reading of simple prose. One hour language lab per week. *1401 - Fall; 1402 - Spring*

**GRMN 2099 (1-4 credits) Special Topics** A special interest course offered for one, two, or three credits. Study of special interest topics not listed elsewhere in the catalog. May be repeated when topic varies.

**GRMN 2301, 2302 Intermediate German I, II (3-3-0) [#]** Review of the fundamental principles of grammar. Intensive reading of prose and poetry of increasing difficulty, with emphasis on vocabulary building. Oral practice based on material read. *2301 - Fall; 2302 - Spring*

**GRMN 3099 (1-4 credits) Special Topics** A special interest course offered for one, two or three credits. Study of special interest topics not listed elsewhere in the catalog. May be repeated when topic varies.

**GRMN 4099 (1-4 credits) Special Topics** A special interest course offered for one, two or three credits. Study of special interest topics not listed elsewhere in the catalog. May be repeated when topic varies.

#### GREEK (GREK)

**GREK 2401, 2402 Elementary Greek I, II (4-3-2) [#]** Beginning courses in forms, syntax, vocabulary, and easy prose compositions. Two hours language laboratory per week. *Fall, Spring*

**GREK 4301, 4302 Intermediate Greek I, II (3-3-0) Review** of forms, syntax, prose compositions, and special selections from the New Testament. *Prerequisite: GREK 2401, 2402. Fall, Spring*

#### HEBREW (HEBR)

**HEBR 2411, 2412 Elementary Hebrew I, II (4-3-2)** Beginning courses in grammar, syntax, and vocabulary. Translation and reading will be taken from selected portions of the Hebrew Old



Testament. Two hours language laboratory per week. *Fall, Spring*

**HEBR 4311, 4312 Hebrew Readings I, II (3-3-0)** Reading and exegesis of selected Old Testament Hebrew texts. *Prerequisite: HEBR 2411 and 2412. Fall, Spring*

### HISTORY (HIST)

**HIST 1301 United States History to 1876 (3-3-0) [#]** The development of the United States from the discovery of the Americas to the end of reconstruction in 1876. *Fall, Spring*

**HIST 1302 U. S. History Since 1876 (3-3-0) [#]** The development of the United States from 1876 to the present. *Fall, Spring*

**HIST 2099 (1-4 credits) Special Topics** Individual or group study of a specific topic or subject not otherwise listed in the catalog. Course may be repeated when the topic of history changes. *Prerequisite: HIST 1301, 1302, 2301, 2302, and 3306 or consent of instructor.*

**HIST 2301 History of Western Civilizations to 1550 (3-3-0) [#]** A study of western civilization from ancient times to the mid-sixteenth century, showing the evolution of western society and culture to the end of the Reformation. *Fall*

**HIST 2302 History of Western Civilizations Since 1550 (3-3-0) [#]** A survey of western civilizations from the mid-sixteenth century to present. This course examines the development of the modern nation-states, the industrial revolution, and the evolution of modern social, political, and economic life in the West. *Spring*

**HIST 3099 (1-4 credits) Special Topics** Individual or group study of a specific topic or subject of history not covered by existing catalog courses. Course may be repeated when the topic varies. *Prerequisite: HIST 1301, 1302, 2301, 2302, and 3306 or consent of instructor.*

#### Possible topics:

American Intellectual History  
Greece and Rome at War  
The United States and Vietnam  
British Constitutional History  
Colonial Latin America  
England, 1066-1485  
Modern Latin America

**HIST 3100 Historiography (1-1-0)** A brief survey of Western historical thinking from ancient times to the present, with an introduction to some of the main issues and problems in historiography, philosophy of history, and historical method. *Must be taken in conjunction with HIST 3200.*

**HIST 3200 Seminar in Historical Writing (2-2-0)** Will give history majors and minors, as well as students preparing for history-related education certification, practical experience in historical methodology and historical writing. The major focus of the course will be the production by each student of a seminar paper of publishable quality based on original sources. The topics of the papers will vary from year to year to reflect the professional expertise of the instructor. *Must be taken in conjunction with HIST 3100. Prerequisite: HIST 1301, 1302, 2301, and 2302 or permission of instructor.*

**HIST 3306 Studies in World History** This course introduces students to the basic narrative of world history from prehistory to contemporary times. Although it emphasizes the histories of Africa, Asia and Latin America, this course is structured within a genuinely global framework. Particular emphases include religious traditions and cross-cultural exchanges.

**HIST 3307 World Cultural Realms (Also GEOG 3301)** Study of the political, social, economic, religious, and topographic impact on the development of the major cultural realms of the world and where they are today. A survey of the major cultural regions of the world with attention given to the geographic factors that affect current political and economic problems as well as past cultural influences. Attention will be given to individual countries.

**HIST 4099 (1-4 credits) Special Topics** Courses created to allow individual or group study of a subject not otherwise listed in the catalog. Courses bearing this designation may be repeated when the topic varies. *Consent of instructor required.*

**HIST 4301 Survey of the History of Texas (3-3-0)** A history of Texas from its discovery and exploration to the present with due emphasis on social and political subjects. Colonization and the Texas Revolution are accentuated and the last quarter century receives special attention. Students write at least one paper, selecting their own subjects with the approval of the teacher. *Prerequisite: HIST 1301 and 1302 or consent of instructor. Spring*

**HIST 4302 The American West (3-3-0)** A survey course in the regional history of the Trans-Mississippi West from pre-European contact through the twentieth century. Emphasis is placed on the conquest, colonization, and development of the region as well as the intercultural and environmental relations among the diverse peoples vying for occupancy and opportunity in the American West. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4303 Colonial & Revolutionary America, 1492-1789 (3-3-0)** A study of the political, economic and cultural foundations of the American colonies, the course of colonial development and regional differentiation, and the birth of independence. The issues leading to colonial revolution and the attempts to create a constitutional republic will receive special attention. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4304 The Roots of Democracy: United States, 1789-1840 (3-3-0)** A study of politics, economics and culture in the Early Republic. This course will focus on the implementation of a constitutional republic, the development of party politics, the growth of capitalism, the rise of popular religion, the expansion of westward migration, the creation of national identity, and the social turbulence fomented by these active forces. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4307 Civil War & Reconstruction: United States, 1840-1877 (3-3-0)** A study of politics, economics and culture in the United States during the mid-nineteenth century. This course will examine the continuing divergence of two distinct regions and trace the divisive issues that culminated in civil war. Emphasis is also placed on the role that the war and reconstruction played in creating the modern patterns of industrial, political and cultural America. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4308 Gilded Age and Progressive US, 1877 to 1917 (3-3-0)** Study of the development of the United States from a mostly rural, agrarian society to an urbanized industrialized world power. Emphasis on political, economic, social and cultural history from the end of Reconstruction to the eve of the U.S. involvement in World War I. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4309 World Wars, Roaring 20s & Depression: US, 1917-1945 (3-3-0)** Study of the development of the United States from the eve of U.S. involvement in World War I through victory in World War II. Emphasis will be on domestic and foreign policy as well as on economic, social and cultural trends, which characterized the prosperous 1920s, the Great Depression and two world wars. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4310 The US Since 1945 (3-3-0)** Intensive study of the political, economic, and social forces that shaped the U.S. from World War II to the present. Special emphasis will be placed on domestic and foreign policy. Particular emphasis will be given the concept of limited war, Korea and Vietnam. Consequences of the Civil Rights Movement, the New Frontier, the Great Society and other political and economic movements from Nixon to present. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4311 American Foreign Relations (3-3-0)** Study of the development of U.S. Foreign Policy from the early days of isolationism to today's total involvement in world affairs. *Prerequisite: HIST 1301 and 1302 or consent of instructor.*

**HIST 4312 Women in American History, 1600-Present** A thorough examination of the lives, roles, progress and influence of women and the evolution of gender as an ideology in American history. *Prerequisites: HIST 1301 and 1302 or consent of instructor.*

**HIST 4321 Mexico and the Caribbean (3-3-0)** Study of the colonial heritage of the region and its emergence in the twentieth century. A close look will be taken at the development of Mexico since 1810, relating those developments to their neighbors in the Caribbean Basin. *Prerequisite: HIST 1301, 1302, 2301, 2302, and 3306 or consent of instructor.*

**HIST 4323 Latin America in the Twentieth Century (3-3-0)** Study of twentieth century Latin American revolutions and their impact on internal and external development. Attention will be given to problems that have helped foster the revolutions and delay the progress of Latin America. *Prerequisite: HIST 1301, 1302, 2301, 2302, and 3306 or consent of instructor.*

**HIST 4345 Recent History of the Middle East (3-3-0)** Survey of Middle Eastern History from 1888 to the present. Focus will be on social institutions of native Middle Eastern cultures and the impact on those cultures of modernization and Zionism. *Prerequisite: HIST 1301, 1302, 2301, 2302, and 3306 or consent of instructor.*

**HIST 4350 Modern France (3-3-0)** Survey of French history from 1715 to today. *Prerequisite: HIST 2301, 2302, and 3306 or consent of instructor.*

**HIST 4352 Renaissance and Reformation (3-3-0)** (Also CHST 4352) Study of the impact of medieval institutions and thought on European society from 1300-1650 and subsequent flowering of culture during those years. Major focus will be on basic social, economic, and political changes in Europe during the period including: revival of classical learning and explosion of creative activity in the arts; changes in popular piety, political thought, and religious representation; and the religious crisis in Europe that culminated in Protestant revolt and Catholic Reformation. *Prerequisite: HIST 2301, 2302, and 3306 or consent of instructor.*

**HIST 4354 Ancient Greece and Rome to 133 B.C. (3-3-0)** The purpose of this course is to infuse the student with a basic knowledge of ancient Greek and Roman history from the Mycenaean Age to the emergence of the Roman Empire. Emphasis will be placed on the social, political, religious, and intellectual development in the classical world from the early Helladic period of Greek history to the beginning of the Late Roman Republic. Attention will be given to the contributions of these cultures in the areas of government, scientific development, philosophy, religious thought, and the art of war. *Prerequisite: 2301, 2302, and 3306 or consent of instructor.*

**HIST 4355 Rome: Republic to Empire, 146 B.C. – 476 A.D. (3-3-0)** The purpose of this course is to infuse the student with a basic knowledge of Roman history from the Late Republic to the collapse of the Western Roman Empire. Emphasis will be placed on the social, political, religious, and intellectual development in the Roman world from the Etruscan period of Roman history to the end of Roman political authority in Western Europe. Attention will be given to the contributions of this culture in the areas of government, scientific development, philosophy, religious thought, and the art of war. *Prerequisite: 2301, 2302, and 3306 or consent of instructor.*

**HIST 4361 Modern Britain (3-3-0)** A survey of the history of England, the empire, and commonwealth since 1688, with emphasis on twentieth century England. *Prerequisite: HIST 2301, 2302, and 3306 or consent of instructor.*

**HIST 4363 History of Modern Germany, 1871 to Present (3-3-0)** A survey of German history from Bismarck to the present. *Prerequisite: HIST 2301, 2302, and 3306 or consent of instructor.*

**HIST 4366 Modern Russia** A survey of Russian history from 1689 to the present. *Prerequisite: HIST 2301, 2302, and 3306 or consent of instructor.*

**HIST 4369 The Social and Intellectual History of Modern Europe (3-3-0)** Survey of the evolution of European social institutions, social movements and the ideas underlying them from 1789 to the present. *Prerequisite: HIST 2301, 2302, and 3306 or consent of instructor.*

**HIST 4370 European Imperialism (3-3-0)** Study of the causes and consequences of the rise of the European overseas empires and their subsequent decline in the 20th century. Special emphasis will be focused on the British Imperial experience particularly in Africa and the Indian sub-continent. Attention will be paid to changes in European society and politics and their impact on colonial affairs, warfare, and aspects of race and colonial cultural relations. *Prerequisite: HIST 2301, 2302, and 3306 or permission of instructor.*

**HIST 4374 Modern Asia (3-3-0)** A study of nineteenth and twentieth century Asian history (China, Japan, India) with emphasis on the impact the west has had on Asia and on developments in Southeast Asia. *Prerequisite: HIST 1301, 1302, 2301, 2302, and 3306 or instructor permission*

**HIST 4375 The Middle Ages (3-3-0)** Study of the creation of Europe from the fusion of the Roman world with the frontier cultures of northern Europe. Emphasis will be placed on the social and political evolution of the region from 400 - 1300, with attention to such topics as the rise of new technology, the impact of the Roman Catholic Church on society, the Crusades against Islam, and the ethos of chivalry as evidence of the emergence of a new expansionist civilization. *Prerequisite: HIST 2301, 2302, and 3306 or permission of instructor.*

#### HONORS (HONR)

**HONR 1301 Honors Colloquium (3-3-0)** A three-hour course designed to 1) acquaint students with academic opportunities and responsibilities for Honors students on campus and in Abilene, 2) promote a sense of individual and communal purpose, and 3) encourage self-examination and self-discovery through discussion, prompted responses and autobiographical writing.

**HONR 3099 (1-3 credits) Special Topics** Courses created to allow group study of a subject not otherwise listed in the catalog. Courses bearing the Special Topics designation may be repeated when topic varies. *Consent of instructor may be required.*

**HONR 3301 Discourse in Aesthetics (3-3-0)** A course designed to introduce seminal concepts and texts within the field of aesthetics.

**HONR 3302 Discourse in Cultural Theory (3-3-0)** A course designed to introduce seminal concepts and texts in the disciplines of the social sciences.

**HONR 3303 Discourse in Applied Sciences (3-3-0)** A course designed to introduce seminal concepts and texts in the fields of science and mathematics.

**HONR 3389, 4389 Independent Studies (3-3-0)** Courses created to accommodate individual arrangements between a student and a professor for specialized study of subjects not otherwise listed in the catalog. Courses bearing the Independent Studies designation may be repeated when topic varies.

**HONR 4101, 4102 Honors Capstone (1-1-0)** Two one-hour directed study courses designed to culminate a significant portion of a student's academic career by concentration on an extended field or research project. This project will be designed and begun within the first semester, and written and presented as an Honors Thesis in the second semester. *Consent of instructor required.*

**HONR 4099 (1-3 credits) Special Topics** Courses created to allow group study of a subject not otherwise listed in the catalog. Courses bearing the Special Topics designation may be repeated when topic varies. *Consent*

#### HUMANITIES (HUMA)

**HUMA 3099 (1-3 credits) Special Topics** Study of special interest topic(s) not found elsewhere in the catalog.

**HUMA 3301 Humanities I (3-3-0)** Investigation into the inter-relatedness of man's search for self and expression of the resulting discoveries in humanities from ancient Mesopotamia through the Middle Ages. *Fall*

**HUMA 3302 Humanities II (3-3-0)** Investigation into the inter-relatedness of man's search for self and expression of the



resulting discoveries in humanities from the Renaissance through the twentieth century. *Spring*

**HUMA 3330 Survey of American Film (3-3-0)** (Also COMM 3330) The study of the development of the cinema in America, emphasizing history, genres, studios, social movements, directors, television, and video. Course requirements may include outside film viewing, projects, and research. (Acceptable for Humanities credit in the University Core if taken with HUMA prefix.) *Fall, Spring, May, Summer.*

#### LEADERSHIP STUDIES (LDSP)

**LDSP 1301 Foundations of Leadership Studies (3-3-X)** Students will gain exposure to the field of leadership studies. The ideas and philosophies of ancient and modern thinkers will be studied as well as leadership-related theories from the fields of management and industrial / organizational psychology. Students will perform a service project.

**LDSP 2099 (1-4 credits) Special Topics** Study of special interest topics not listed elsewhere in the catalog.

**LDSP 3099 (1-4 credits) Special Topics** Study of special interest topics not listed elsewhere in the catalog.

**LDSP 3303 Great Leaders of History (3-3-0)** A close examination of the styles and methods of leadership employed by select men and women from a variety of historical eras who became leaders of their societies. The course content will vary from year to year. In all years special emphasis will be placed on the individual qualities that elevate some to positions of leadership. (May be counted for Humanities) *Prerequisite: LDSP 1301.*

**LDSP 3305 Christian Ethics for Leaders (3-3-0)** An examination of Christian ethical foundations for leadership with particular attention to the moral dimensions of leadership in organizations and communities and to the determination of morally responsible approaches to issues confronting leaders today. *Prerequisite: LDSP 1301.*

**LDSP 3306 Communication for Leaders (3-3-0)** Theory and practice of communication skills, both oral and written, necessary for effective leadership. Special emphasis placed on persuasion, interpersonal, and group communication. Assignments will focus on the theory and practice of effective speaking and writing. *Prerequisite: LDSP 1301.*

**LDSP 3307 Critical Thinking and Problem Solving (3-3-0)** An examination of the central features of the critical thinking process, the assumptions underlying ways of coming to know and live, and the role of leaders in prompting others to begin the process of thinking critically. *Prerequisite: LDSP 1301.*

**LDSP 3310 Leadership Workshop (3-3-X)** Students will put the theories and principles of leadership they have studied into practice through this course. The format of the course will differ across semesters. Special emphasis will be placed on reflection and analysis of leadership principles and on leadership skill development. *Prerequisites: LDSP 1301.*

**LDSP 3315 Leadership in Theatre (3-3-0)** Students in this course will learn about different leadership roles in the theatre through hands-on directing and production experience. Each student in the course will direct a scene, and together take on the different leadership positions in the theatre to produce a live performance. *Prerequisite: LDSP 1301.*

**LDSP 3320 Creating Profit and Non-Profit Ventures (3-3-0)** The principles and processes required to create and lead a viable for-profit or non-profit organization will be explored. Students will examine such concepts as: entrepreneurship, planning and preparation, start-up costs, legal and financial issues, and marketing. *Prerequisite: LDSP 1301.*

**LDSP 3325 Sport and Recreation Management Seminar (3-3-0)** The course is designed to examine administrative concepts and various leadership roles required in the fitness, sports, and recreation industries. *Prerequisite: LDSP 1301.*

**LDSP 3330 Outdoor Leadership (3-3-0)** Students will develop and practice leadership skills through adventure-based, outdoor education experiences. Skills such as leadership, teamwork, communication, problem solving, conflict and stress management, motivation, power and delegation, and change will be studied through class and outdoor activities. Students will also gain practical experience

in planning and organizing weekend camping trips. *Prerequisite: LDSP 1301.*

**LDSP 3335 Leading Teams (3-3-0)** Students learn about the complexities of guiding, leading, evaluating, motivating, and rewarding teams. Leadership and teamwork skills are developed through applied learning activities. *Prerequisite LDSP 1301.*

**LDSP 3340 Business Concepts for Leaders (3-3-0)** Students learn about key business concepts needed by people in charge of organizations and gain experience by completing a business project. *Prerequisite: LDSP 1301*

**LDSP 3345 Leadership in Film (3-3-0)** Students identify, examine, and critically evaluate how leadership theories, skills, and processes are portrayed in a series of classic and popular films. *Prerequisite: LDSP 1301*

**LDSP 3350 Organizational Behavior (3-3-0)** Students examine the historical development of the organizational behavior field, contemporary theories and models of organization, and the implications of organization topics on management practice and leadership. *Prerequisite: LDSP 1301*

**LDSP 3355 Decision Making and Quantitative Methods (3-3-0)** Students learn about the complexities of decision making in organizations. Decision theory, game theory, probability, hypothesis testing, analysis of variance, regression analysis, linear programming, and other decision tools are studied. Special emphasis is also placed on creative problem solving, risk assessment, and strategy. Leadership and decision-making skills are developed through applied learning activities. *Prerequisite LDSP 1301.*

**LDSP 3360 Organization Builders (3-3-X)** In this May Term travel course, students gain an understanding and appreciation of what it takes to start and/or build healthy and vibrant organizations. Students travel to meet with professionals from a variety of profit and not-for-profit organizations. Students also learn about the history and development of the city that they visit in this course. A different city is selected each year. *Prerequisite: LDSP 1301*

**LDSP 3365 Leading Virtual Teams (3-3-0)** Students identify, examine, and critically evaluate how leadership theories, skills, and processes apply in today's e-business and telecommuting work environment. Leadership and teamwork skills are developed through applied learning projects. *Prerequisite: LDSP 1301*

**LDSP 3370 Model United Nations (3-3-0)** (Also POLS 3370) An overview of the United Nations, including its origins, development, structure, charter, role in international relations, and the functions of the six principle organs. Emphasis is given to participation and competition in Model UN conferences. *Consent of the instructor required. Spring*

**LDSP 4099 (1-4 credits) Special Topics** Study of special interest topics not listed elsewhere in the catalog.

**LDSP 4306 Leadership Seminar (3-3-X)** The organizational factors related to leadership will be studied. Topics such as organizational structure, technology, strategy, change, culture, and globalization will be examined. Through in-depth study of societal and organizational change, students will recognize emerging needs and trends in society and formulate ways to use their lives to meet those needs. Students will complete a substantive service project. *Prerequisite: LDSP 1301, 3305, final semester in program*

#### LEGAL STUDIES (LGLS)

**LGLS 1301 Introduction to Law (3-3-0)** A course in which students are presented a panoramic view of the content of the field of law, with major areas being highlighted. The interaction of law with other disciplines is discussed, and controversial current issues in American constitutional theory and law are addressed. *Fall*

**LGLS 2099 (1-4 credits) Special Topics**—Topics offered on demand reflecting subject areas, trends, and developments within the field not covered by existing catalog courses. May be repeated for credit up to three times with a required change of topic.

**LGLS 2306 Evidence and Procedure (3-3-0) (Also CRIJ 2306)** Analysis of the rules of evidence on the operational level and a study of the Code of Criminal Procedure as it affects practitioners within the criminal justice system. Review of the criminal court system from the trial court through the appellate courts with an emphasis upon the ethical application of rules and laws within the system. *Prerequisite: CRIJ 1301 or consent of instructor. Spring*

**LGLS 3099 (1-4 credits) Special Topics**-Topics offered on demand reflecting subject areas, trends, and developments within the field not covered by existing catalog courses. May be repeated for credit up to three times with a required change of topic.

**LGLS 3307 Criminal Law (3-3-0) (Also CRIJ 3307)** An in-depth study of the major felonies and some misdemeanors by use of the common law and modern statutes and the effect of court decisions on specific statutes. *Prerequisite: CRIJ 1301 or consent of instructor. Fall*

**LGLS 3309 Family Law (3-3-0)** A study of legal issues related to marriage, annulment, divorce, parental responsibility and custody, alimony and child support, adoption, and injuries to family relations. *Spring*

**LGLS 4099 (1-4 credits) Special Topics**-Topics offered on demand reflecting subject areas, trends, and developments within the field not covered by existing catalog courses. May be repeated for credit up to three times with a required change of topic.

**LGLS 4300, 4600, Legal Internship (3-3-0, 3-6-0)** Students will be placed with a suitable government agency, private law-related firm, or non-profit organization. Internship students will be under the supervision of a designated mentor at their assigned agency, firm or organization, as well as an HSU professor.

**LGLS 4306 Constitutional Law: Liberties and Rights (3-3-0) (Also POLS 4306)** A study of United States constitutional law with basic cases concerning civil liberties and rights. Topic areas may include freedom of religion and speech; privacy, equal protection and due process issues; criminal procedures, and cruel and unusual punishment. This is a continuation of LGLS 4316; however it may be taken independently of that offering. *Spring, even years*

**LGLS 4308 The Death Penalty (3-3-0) (Also CRIJ 4308)** An examination of the problems and issues related to the death penalty in the United States, including the history of capital punishment, important Supreme Court decisions, how the various jurisdictions (state, federal and military) deal with capital cases, the comparative costs of incarceration and execution, miscarriages of justice in capital cases and how the criminal justice system responds to these issues. *Prerequisite: CRIJ 1301 and 1304 or consent of instructor. Fall, odd years*

**LGLS 4313 Forensic Evidence and Expert Witness Testimony (3-3-0) (Also CRIJ 4313)** An introduction into how the United States legal system deals with the multitude of issues concerning scientific evidence. Specifically, this course concentrates on the legal issues regarding scientific interpretations and analyses of physical evidence. Students will study such issues as the development of expert testimony, forensic science, admissibility standards, and common ethical issues related to forensic evidence. *Fall*

**LGLS 4316 Constitutional Law: Powers (3-3-0) (Also POLS 4316 and CRIJ 4316.)** A study of United States constitutional law with basic cases concerning presidential power, congressional power, federalism, taxing and spending powers, and interstate and foreign commerce powers. *Spring, odd years*

#### MANAGEMENT (MGMT)

**MGMT 3099, 4099 (1-4 credits) Special Topics Designed** to meet the special needs of upper-level students. May be repeated when topic varies.

**MGMT 3351 Introduction to Management (3-3-0)** Introduction and analysis of successful management principles and techniques for all fields of business. Topics include objectives, policies, leadership, organization,

structure, morale, operative procedures, and control procedures. *Fall, Spring*

**MGMT 3354 Organizational Behavior (3-3-0)** This course explores how individuals and groups respond to and act in organizations and how organizations manage their environments. Levels of analysis include the micro view of individual behavior, group-level behavior, and the macro view of collective organizational behaviors. Topics include leadership, perception, values, team dynamics, group and organizational processes, motivation, cross-cultural communication, and comparative management techniques based on patterns of organizational behavior in different cultures. *Spring*

**MGMT 3371 Nonprofit Management** Addresses key issues that distinguish management of nonprofit organizations from management of for profit and government organizations. Topics include working with volunteers, fundraising, measuring success, budgeting processes, marketing organizational services, rewarding employees, and board governance. Management in churches and other Christian-based organizations is emphasized. Practitioners from the community regularly appear as guest speakers. Course includes a service-learning project within a nonprofit organization. *Prerequisite: MGMT 3351. As needed*

**MGMT 3375 Management Research (3-3-0)** This course explores measurement theory and research methods useful to practicing managers and to students wishing to pursue graduate work in the field of management. Students examine how research techniques are used by professionals and the role of research design in the development in management theory. Specific topics include: measurement theory (psychometrics) and research design, qualitative research methods, attitudinal survey construction and analysis, analysis of variance techniques, correlation, regression analysis, factor analysis, and an introduction to multivariate statistical techniques. *Prerequisites: BSAD 2302, and MGMT 3351. As needed*

**MGMT 4350 Management Theory and Practice (3-3-0)** Concepts and principles underlying the practice and process of management, including the impact of ethical and social issues on managerial decisions. Introduces students to critical organizational and managerial processes through an analysis of the strategic and tactical functions performed by a manager. Course emphasizes strategies for dealing with the internal and external environment, competition, and business operations. *Prerequisite: MGMT 3351. As needed.*

**MGMT 4351 Entrepreneurial Management (3-3-0)** Course develops attitudes, concepts and skills that enable entrepreneurs and managers to pursue opportunities in spite of uncertainty. Course examines how entrepreneurs and business innovators acquire and manage resources for new ventures and change within organizations. Course explores current problems and issues in entrepreneurial ventures and change management. *Prerequisite: MGMT 3351 or approval of instructor. Spring (even years).*

**MGMT 4352 Human Resource Management (3-3-0)** Human Resource Management examines the principles, theories and systems for attaining maximum contribution from each member of an organization toward the achievement of organizational objectives. Course explores how individual goals can be successfully merged with organizational goals through human resource planning, recruitment/selection, training/development, employee relations, and compensation and reward systems. *Prerequisite: MGMT 3351. Fall*

**MGMT 4353 Law of Human Resource Management (3-3-0)** The exploration and analysis of the broad range of laws affecting employment decisions from recruitment and selection to termination. The course looks at the impact on HRM decision making of the common law as well as all the major statutes: the Civil Rights Acts of 1964 and 1991, the Family Leave Act, the Americans with Disabilities Acts, and more. *Prerequisites: MGMT 3351. Spring*

**MGMT 4354 Business Leadership (3-3-0)** Course involves the examination of leadership and the role of business leaders and entrepreneurs in the historical development of the U.S.

economy. Students will critically examine the historical development of leadership thought, contemporary and Christian views of leadership, and the future of leadership study. Students will critically analyze the success of well-known business and societal leaders. Students will conduct a creative leadership project to reinforce class learning. *Prerequisites: MGMT 3351 and MGMT 3354 or approval of instructor. Summer*

**MGMT 4357 Operations Management (3-3-0)** An introduction to the science and art of ensuring that goods and services are created and delivered successfully to consumers. Topics include understanding operations, designing operating systems, and managing operations. This course is math intensive. *Prerequisite: BSAD 2304. Fall (odd years)*

**MGMT 4367 Advanced Organizational Theory (3-3-0)** This course studies organizations as working systems of human beings attempting to achieve certain goals and objectives. Various theoretical approaches to viewing organizations are used. Topics include the open systems model, community planning, constituency development, organizational design models, organizational change processes, and the concept of self-renewing organizations. *Prerequisite: MGMT 3351. Fall*

**MGMT 4375 International Management (3-3-0)** An analysis of domestic, international and multinational business management practices. Exploration of the primary ways international management practices differ from management practices in the United States. Emphasis on interdependence issues, managerial ethics, and the impact of culture on management behavior. Because doing business in another country requires managers to understand something about the culture and nature of the country, this course draws upon concepts from the sub disciplines in the field of business, and the areas of anthropology, sociology, geography, political science and history. *Prerequisites: MGMT 3351. Recommended: MGMT 3354. Spring (odd years).*

#### MARKETING (MKTG)

**MKTG 3099, 4099 (1-4 credits) Special Topics** Designed to meet the special needs of upper-level students. May be repeated when topic varies.

**MKTG 3361 Principles of Marketing (3-3-0)** Essentials of consumer buying behavior, product planning; channels of distribution; promotion; evaluation of markets. *Fall, Spring*

**MKTG 3362 Retailing (3-3-0)** Retail operations planning; analysis of store layout and location; consumer behavior; personnel management; merchandise planning and control. *Prerequisite: MKTG 3361 or concurrent enrollment. Spring (even years)*

**MKTG 3363 Consumer Behavior (3-3-0)** Buying behavior and the communication process; motivational aspects of consumer behavior; attitudinal, social and cognitive aspects of consumer behavior. *Prerequisite: MKTG 3361 or concurrent enrollment. Fall*

**MKTG 3364 Personal Selling (3-3-0)** Examination of personal selling as a major function within the marketing and promotional mix of the firm. Emphasis on learning about personal selling rather than focusing on "how to." *Prerequisite: MKTG 3361. Spring (odd years)*

**MKTG 3366 Distribution (3-3-0)** A study of inter-firm relationships which will encompass the elaborate behavioral systems that usually involve many decision makers and often extend over a wide geographical area. Distribution systems are in constant interaction; they lead; they follow; they control; they conflict; they cooperate. This course will take an interactive approach to the required sophisticated understanding of these processes, rather than separate analyses of retailing, wholesaling, and physical distribution. *Prerequisite: MKTG 3361. As needed*

**MKTG 3367 E-Commerce (3-3-0)** Focuses on developing and implementing strategies for successfully marketing goods and services on the Internet. *Prerequisite: MKTG 3361. Fall*

**MKTG 3371 Nonprofit Marketing (3-3-0)** Applies marketing concepts to objectives of nonprofit organizations. Special attention is paid to fund raising, promotion, and strategic

planning in the arts, education, religion, and social issues. *Prerequisite: MKTG 3361. As needed.*

**MKTG 3372 Real Estate Marketing(3-3-0)** (3-3-0) An introduction to the basic principles of real estate, focusing on the marketing of real estate assets. Topics include developing marketing strategies, prospecting for new business, and the showing and selling processes for various types of real estate, including residential, farm and ranch, commercial, industrial, and retail. *Prerequisite: MKTG 3361. Fall (odd years)*

**MKTG 3374 Sports Marketing** (3-3-0) An intensive evaluation of marketing techniques and promotional strategy with an emphasis on the marketing mix, promotion, and event marketing. Assignments include case analyses and development of a sports marketing strategy. *Prerequisite: MKTG 3361. Fall (even years)*

**MKTG 3380 Integrated Marketing Communication (3-3-0)** This is the first of a two course series that simulates what an advertising agency, or any other business creating an advertising campaign, would go through in order to reach the market with its final product. *Fall*

**MKTG 4361 Promotion (3-3-0)** Essentials of advertising, pricing and sales orientations in marketing; promotional strategy for the business. *Prerequisite: MKTG 3361. Spring (odd years)*

**MKTG 4362 Marketing Research (3-3-0)** Survey making and questionnaire design; sampling; management decision-making; research design. *Prerequisites: BSAD 2302 and MKTG 3361. Spring*

**MKTG 4365 International Marketing (3-3-0)** A study of all phases of marketing as applied in an international operation. International trade concepts, cultural dynamics, political considerations, the international legal environment, and business customs and practices as well as many other aspects of business critical to marketing in foreign countries. *Prerequisite: MKTG 3361. Spring (even years)*

**MKTG 4366 Marketing Management (3-3-0)** A detailed study of marketing strategy and policy for various types of organizations. Special attention given to the strategy of pricing, distribution, promotion, and product decisions in relation to select target markets. Market segmentation and product differentiation decisions are integrated into the course. *Prerequisite: MKTG 3361. Fall*

#### MATHEMATICS (MATH)

**MATH 0300 Introductory Algebra (3-3-0)** Review of such topics in elementary algebra as operations with signed numbers, fractions, factoring, special products, exponents and radicals, linear and quadratic equations. This course is designed for students who have a weak background in mathematics and for students planning to take MATH 1310, College Algebra, but who do not have the required ACT mathematics score of 17 or above; or SAT mathematics score of 450 or above. MATH 0300 does not fulfill the Foundation Curriculum requirement in mathematics nor count toward a degree. *Fall, Spring*

**MATH 1301 Aspects of Modern Mathematics (3-3-0) [#]** Course stressing the connections between contemporary mathematics and modern society. Skills in reasoning and problem solving will be developed in the context of mathematical applications in such areas as management science, data analysis, decision-making, and the study of size and shape. Students must have a TI-30 (or equivalent) calculator. This course may fulfill the foundational curriculum mathematics requirement. *Fall, Spring.*

**MATH 1310 College Algebra (3-3-0) [#]** Equations and inequalities; polynomial, rational, exponential, and logarithmic functions; and systems of equations. Some use of graphing or scientific calculators is permitted. This course may fulfill the foundational curriculum mathematics requirement. *Prerequisite: ACT mathematics score of 17 or above; SAT mathematics score of 450 or above; or MATH 0300 with a grade of C or better. Fall, Spring*

**MATH 1311 Trigonometry (3-3-0) [#]** Trigonometric functions, complex numbers, and selected topics in algebra. MATH 1310-1311 is the course sequence recommended for

pre-calculus students planning to major or minor in a natural science or mathematics. Students must have a scientific calculator. This course may fulfill the foundational curriculum mathematics requirement. *Prerequisite: MATH 1310. Fall, Spring.*

**MATH 1312 Precalculus for Science Majors (3-3-0) [#]** Equations and inequalities, beginning with polynomials of degree 3 or higher, rational and transcendental functions and introductory trigonometry, vectors and systems of equations. Applications of the mathematical material will be chosen for science majors. Students must have a scientific calculator. Use of graphing calculators may be permitted. This course may fulfill the foundational curriculum mathematics requirement. Credit will not be given for this course and MATH 1310 or for this course and MATH 1311. *Prerequisite: ACT mathematics score of 20 or above; SAT mathematics score of 500 or above, or consent of the instructor. Fall*

**MATH 1315 Discrete Mathematical Structures (3-3-0) [#]** Set theory, logic, combinatorics, graphs, partial ordering, lattices, and Boolean algebra. Students must have a TI-30 (or equivalent) calculator. This course may fulfill the foundational curriculum mathematics requirement. *Prerequisite: ACT mathematics score of 17 or above; SAT mathematics score of 450 or above; or MATH 0300 with a grade of C or better..*

**MATH 1420 Calculus I (4-3-2) [#]** An introduction to continuity, the derivative, and integral. Applications are included. Enrollment in one of the lab sections is required. This course may fulfill the foundational curriculum mathematics requirement. *Prerequisite: ACT Math score of 25 or SAT Math score of 550 and competency in trigonometry, or grade of "C" or better in MATH 1311, MATH 1312, or consent of the instructor. Fall, Spring.*

**MATH 1421 Calculus II (4-3-2) [#]** Techniques of integration, indeterminate forms, numerical integration, and infinite sequences and series will be treated. Enrollment in one of the lab sections is required. *Prerequisite: MATH 1420. Spring, Fall*

**MATH 2305 Mathematics Education I (3-3-0)** Elementary concepts of numeration systems, number theory, and properties of the natural numbers, integers, rational and real number systems and applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. To be taken only by students pursuing 4-8 Mathematics or EC-6 certification. *Students must have a scientific or graphing calculator. Prerequisite: MATH 1310 or 1420 and at least sophomore standing. Fall*

**MATH 2306 Mathematics Education II (3-3-0)** Elementary concepts of sets, functions, geometry, measurement, probability and statistics with an emphasis on problem solving and critical thinking. To be taken only by students pursuing 4-8 mathematics or EC-6 certification. *Students must have a scientific or graphing calculator. Prerequisite: MATH 2305. Spring*

**MATH 2320 Calculus III (3-3-0) [#]** Vector geometry, infinite sequences and series, and an introduction to partial derivatives and multiple integrals. *Fall*

**MATH 2321 Differential Equations (3-3-0) [#]** A study of methods of solving ordinary differential equations with applications. *Prerequisite: MATH 2320. Spring*

**MATH 3302 Topics For The Mathematics Teacher (3-3-0)** Review of specific mathematics subjects which are taught in the secondary school; emphasis will be placed on subject matter content, relationships among topics from various content areas, and goals and aims of the mathematics curriculum at the secondary level. Students must have a TI-83+ (or equivalent) graphing calculator. *Prerequisite: MATH 1421 Fall (odd years)*

**MATH 3305 Linear Algebra (3-3-0)** The algebra and geometry of vector spaces, linear equations and matrices, linear mappings, inner products and norms. *Prerequisite: MATH 1421. Fall*

**MATH 3310 Computer Applications in Mathematics (3-3-X)** Computer applications in such topics in applied

mathematics as numerical calculus, approximation, optimization and linear programming, and combinatorial probability. Work in Computer Lab required. *Prerequisite: MATH 1421 and CSCI 1320. Fall*

**MATH 3312 Statistical Methods (3-3-0)** (Also BIOL 3312, PSYC 3312, and SOCI 3312.) Descriptive and inferential statistics for students in education, social science, and natural science as well as in mathematics. Topics to be discussed will include measures of central tendencies, probability, estimations and predictions, variance and correlation. May be counted toward a mathematics major or minor only by students seeking teacher certification in mathematics or by students who are minoring in mathematics on the BBS degree. This course does not fulfill the foundational curriculum mathematics requirement. *Students must have a TI-30 (or equivalent) calculator. Prerequisite: MATH 1420 for MATH 3312; MATH 1301 or 1310 for biology, psychology, or sociology credit. Spring, Summer*

**MATH 3315 Mathematical Structures (3-3-0)** Topics may include such areas as formal rules of logic, elementary set theory, number theory, and combinations and permutations. *Prerequisite: MATH 1421. Spring*

**MATH 3320 Abstract Algebra (3-3-0)** A study of sets, groups, rings, integral domains, and fields. *Prerequisite: MATH 3315. Spring (even years)*

**MATH 3350 Special Topics in Mathematics (3-3-0)** Topics offered such as multi-variable calculus and advanced topics in differential equations. *Prerequisite: Consent of instructor. May be repeated for credit as topics vary.*

**MATH 4301 College Geometry (3-3-0)** A course of special interest to prospective teachers of mathematics which will include the development and foundations of geometry. *Prerequisite: Advanced standing in mathematics and consent of instructor. Spring*

**MATH 4310 Numerical Analysis (3-3-X)** Study of error propagation, interpolation, numerical integration and differentiation, and solutions of polynomial equations, systems of equations, and differential equations using available computer systems and appropriate programming languages. Work in Computer Lab required. *Prerequisite: MATH 2320 and CSCI 1320.*

**MATH 4320 Introduction to Analysis (3-3-0)** Real Numbers, sequences, continuity, and other topics of real analysis are treated. *Prerequisite: MATH 3315 or consent of the instructor. Fall*

**MATH 4340 Senior Project (3-3-0)** This is the department's capstone course. A project will be assigned for student completion in order to demonstrate the usage of mathematics in a meaningful way outside of a structured, textbook-type setting. *Prerequisite: Senior standing in mathematics and consent of instructor.*

**MATH 4350 Seminar in Mathematics (3-3-0)** Seminar includes students and faculty exploring areas of special interest in mathematics. *Prerequisite: Advanced standing in mathematics and consent of instructor. May be repeated for credit as topics vary.*

#### MINISTRY (MNST)

**MNST 1321 Christianity in Cultural Context (3-3-0)** Foundational course designed to broaden the student's theological perspective through engaging biblical narrative, personal incorporation of spiritual disciplines, and application in social context.

**MNST 2099 (1-4 credits) Special Topics** This course may be repeated for credit if the content of the course is changed.

**MNST 3099 (1-4 credits) Special Topics** Study of selected topic in church ministry. This course may be repeated for credit if the content changes.

**MNST 3300 Principles of Preaching (3-3-0)** Study of the principles of sermon preparation and delivery. *Prerequisites: BIBL 2331, THEO 2101, and the HSU core oral communication course.*

**MNST 3301 Spiritual Formation and Discipleship (3-3-0)** Study of factors impacting the formation of a minister's

spiritual life and the development of a ministry of discipleship in the church.

**MNST 3341 Work of the Minister (3-3-0)** Introduction to some of the practical problems and duties of the minister, emphasizing relationship and responsibility to pastoral work, preaching, denomination work, and society. *Required of those receiving ministerial grant.*

**MNST 3343 Introduction to Evangelism (3-3-0)** Intensive study of evangelism and its message including methods particularly related to the educational organizations.

**MNST 3344 Pastoral Ministry Field Education (3-1-2)** Supervised field education in pastoral ministry.

**MNST 3361 Foundations of Christian Education (3-3-0)** Introduces historical background, theory, and scope; including institutions and movements in Jewish and Christian education. Primary attention will be given to planning and implementation of learning experiences with the various age groups within the total ministry of the local church.

**MNST 3362 Education Ministry Field Education (3-1-2)** Supervised field work for church ministry students.

**MNST 3380 Foundations of Youth Ministry (3-3-0)** Study of the various contextual issues related to youth, program development, and contextual presence. Particular emphasis will be given to understanding life-cycle development and spiritual formation. (As needed)

**MNST 3382 Youth Ministry Field Education (3-1-2)** Supervised field education in youth ministry.

**MNST 3390 Introduction to Hospital Ministry (3-3-0)** Study of the foundational concepts and basic skills in hospital ministry by engaging patients and families, reflecting with peers, and interacting with healthcare professionals.

**MNST 3391 Ministry to Mentally Challenged (3-1-2)** Supervised field education at Abilene State Supported Living Center.

**MNST 4099 (1-4 credits) Special Topics** Study of a selected topic in church ministry. This course may be repeated for credit if the content is changed.

**MNST 4342 Advanced Preaching (3-3-0)** Advanced course in sermon preparation and delivery. *Prerequisite: MNST 3300 or consent of instructor.*

**MNST 4364 Church Administration (3-3-0)** Studies of the duties of church officers and committees, constitution and by-laws and general administration. Special attention will be given to principles of stewardship and finance.

**MNST 4370 Christian Worship (3-3-0)** Study of the public worship experience within the church. Attention will be given to the theological foundation of worship, its historical antecedents and practical expression.

#### MISSIONS (MISS)

**MISS 3301 Biblical Basis for Missions (3-3-0)** Study of the missionary purpose revealed in the Bible, the theological foundation of missions and the missionary implications of the doctrines of Christianity.

**MISS 3305 Missions Anthropology (3-3-0)** Study of the principles of cultural anthropology applicable to the cross-cultural tasks inherent in the mission of the church. Emphasis will be given to contemporary missions settings and problems. *Spring (even years)*

**MISS 3344 Field Education in Missions (3-1-2)** Supervised field work in missions. *Prerequisite: Consent of instructor.*

**MISS 4099 (1-4 credits) Special Topics (3-3-0)** Study of a selected topic in missions.

**MISS 4120 Missionary Lifestyle (1-1-2)** Addresses the way that missionaries and their families live so as to enhance their ministry. Topics include the missionary and money, the use of the missionary home, MK education, family health, interpersonal relationships, conflicts and resolution, culture shock, stress management, aging or ill parents, singleness on the mission field, emotional nurture, spiritual life, leisure time, and belongings and other "baggage."

**MISS 4311 History of Missions (3-3-0)** Study of the rise and development of missions from the time of Christ through the modern missionary movement until the present. Emphasis will be given to outstanding missionaries and movements. Recent

Protestant and Catholic American missionary history will be highlighted. Additionally, the role of women in missions history will be examined.

#### MUSIC - CHURCH MUSIC (MUCM)

**MUCM 3101 Survey of Christian Contemporary Music (1-1-0)** A study of the history and development of the genre Contemporary Christian Music from the early days of the Jesus Movement to current trends and developments.

**MUCM 3102 Praise and Worship Music: Methods of Use(1-1-0)** Study of the development of Praise and Worship Music and ways it has been used and can be used to worship in the Christian Church. The class will also survey other contemporary worship styles.

**MUCM 4099 (1-4 credits) Special Studies** Specialized topics related to church music and careers in church ministry. May be repeated when topic varies.

**MUCM 4222 Choral Music of the Church (2-2-0)** A survey course exploring the major forms of choral music of the Christian church. The course will be limited to choral music of the Renaissance and following. The semester study will emphasize a complete understanding of the development of choral music and its uses in worship throughout history. The course will also emphasize evaluation and selection of appropriate repertoire for Christian worship and its application to the modern worshiping congregation. (Will not satisfy the core requirements.) *Fall (odd years). Prerequisite: MUHL 3241*

**MUCM 4246 History of Church Music in America (2-2-0)** A survey course covering the development of church music in the United States from the sixteenth century to the present. The course will survey the worship music traditions of the major Christian denominations in the U.S. over the last 300 years with special emphasis on Protestant traditions and on developments during the last half-century. *Prerequisites: Church music major, MUHL 3241 and 3242 or consent of instructor.*

**MUCM 4326 Practice of Church Music (3-3-1)** This course explores the organization and administration of a comprehensive church music program. Students will learn administrative principles applying to the organization of a graded choral program, instrumental program, handbell program and music school. In addition, the class will discuss budget procedures and calendar planning and will gain hands-on experience in worship planning and leadership. The objective of the class is to give students strong, practical, hands-on experience and education in the day-to-day operation of a church music ministry. (Will not satisfy the core requirements.) *Fall (even years).*

**MUCM 4327 Survey of Congregational Song (3-3-0)** Designed to equip students with an understanding not only of the literary and theological aspect of Christian song, but also its development through history. Class instruction will include the study of Jewish and Christian psalmody, Chorales, Hymns, Songs, and Worship Choruses. The literary, musical and theological aspect of congregational song will begin the study. This will be followed by an historical survey. Special emphasis will be placed on singing and learning Christian songs from all perspectives and historical development. *Analysis of the planning and use of song in corporate worship will be explored. Spring (odd years).*

**MUCM 4328 Philosophy of Church Music (3-3-0)** Philosophy of Church Music is designed to help students develop a working philosophy of the role of music in the worship and general life of the church. Students will study Biblical precepts and historical thought to gain a scriptural perspective to music and worship and come to a better understanding of the philosophical issues that face church musicians. The precepts will be applied to current issues facing the church and students will be asked to develop a knowledgeable philosophy to apply to these situations. *Spring (even years)*

**MUSIC BUSINESS (MUSB)****MUSB 3301 Introduction to Fine Arts Management (3-3-0)**

Introduction and analysis of successful management principles and techniques for the business of Fine Arts. Topics include objectives, policies, leadership, organization, structure, morale, operative procedures, fundraising and control procedures for profit and non-profit entities.

**MUSB 3302 Introduction to the Recording Studio (3-3-0)**

An overview of the technology and techniques involved in modern multi-track recording and mixing through hands-on studio instruction. Students will be given a basic course in the use of Pro-Tools and learn how to set up microphones in the modern studio.

**MUSB 3345 History of Commercial Music (3-3-0)** (Also MUHL 3345)

The development of commercial music (popular song) in the United States is traced from the eighteenth century to the present along with the consequent growth of the commercial music industry and its organizations. *Prerequisites: MUHL 2241, 2242 or permission of the instructor. Fall (odd years)*

**MUSB 3351, 3352 Survey of Music Business I, II (3-3-0)** An exploration of the world of work in music-related careers. This course gives synthesis to the music career fields & the competencies basic to the music business specialties. Emphasis is also given to particular vocational requirements & trends affecting the realms of music business & industry. *3351 - Fall (even years), 3352 - Spring (odd years)*

**MUSB 4099 (1-4 credits) Special Studies** Specialized topics related to music business and careers in business. May be repeated when topic varies.

**MUSB 4350 Copyright and Intellectual Property Law (3-3-0)** (also BSAD 4350)

Provides an introduction to the fundamentals of copyright law, its application to the protection of sound recordings, musical compositions, motion pictures and other creative works, and its impact on the distribution of intellectual property, including record piracy and the delivery of the music via the internet. The course will also deal with the application of the principals of trademark, trade secret and patent law to the business of music and entertainment. This course will stress the ethical use of intellectual property.

**MUSB 4351 Music Business Internship (3-0-X)** The student will serve at least one month full-time as an intern in a music-related business or businesses. The student will have opportunity with the approval of faculty to choose his place of internship. Students must be prepared to provide for their personal expenses during time of study related to this internship program which may take them away from the HSU campus in Abilene, Texas. *Prerequisites: MUSB 3351, 3352; MUHL 3345.*

**MUSIC EDUCATION (MUSI)**

**MUSI 2099 (1-4 credits) Special Studies** Special topics in music. May be repeated when topics vary.

**MUSI 2121 Essentials of Woodwind Instruments (1-2-0) [#]** This course is designed to develop a working knowledge of the instruments, their ranges, difficulties, and transpositions through performance on the instruments. *May be repeated for credit. Fall (odd years)*

**MUSI 2122 Essentials of Brass Instruments (1-2-0) [#]** A study of the brass instruments with emphasis on problems of embouchure, range, technical difficulties, transpositions and materials. Students must pass a proficiency examination on a minimum of two instruments. *May be repeated for credit. Spring (even years)*

**MUSI 2123 Essentials of Percussion Instruments (1-2-0) [#]** A study of the percussion instruments with emphasis on performance techniques and materials. Actual performance is required on the percussion instruments. *May be repeated for credit. Fall (even years)*

**MUSI 2124 Essentials of String Instruments (1-2-0) [#]** A study of string instruments: violin, viola, violoncello, and contrabass. Emphasis on performance techniques and materials. *May be repeated for credit. Spring (odd years)*

**MUSI 2125 Instrumental Perspectives (1-2-0)** A study of teaching, playing and pedagogical aspects of orchestral

instruments. Some emphasis given to technical maintenance. Instrument groups included in the study will be woodwind, strings, brass, and percussion. *Fall (odd years)*

**MUSI 2126 Vocal Perspectives (1-2-0)** A team-taught one credit hour, one semester vocal course for instrumental music education majors designed specifically to suit the needs of instrumental majors who need a foundation in vocal music education. The course will be divided into two parts: Principles of Solo Singing and Principles of Choral Singing. *Fall (even years)*

**MUSI 3122 Introduction to Conducting Skills (1-1-1)** A study of the principles of baton techniques in conjunction with the development of a fluent beat style. Students will study basic rhythmic, aural, and skill dexterity necessary to the successful direction of vocal and instrumental ensembles. *Fall (Will not satisfy the core requirement.)*

**MUSI 3201 Marching Band Techniques (2-2-0)** A course planned to meet the need of the high school or junior high music educator who will have marching band as part of the teaching load. Presentation of marching band fundamentals, hands on work with a computer drill design program, and philosophies of the public school marching band. *Fall (even years) Prerequisites: Consent of instructor required.*

**MUSI 3223 Choral Conducting Techniques and Materials (2-2-1)** A study of the choral conductor's role regarding interpretations, rehearsal techniques, and the performance ensemble. Attention is given to conducting choral works suitable for school, church, and community organizations. Laboratory experience and videotapes are used for evaluation. *Prerequisite: MUSI 3122. Spring*

**MUSI 3224 Instrumental Conducting Techniques and Materials (2-2-1)** A study of the instrumental conductor's role regarding interpretations, rehearsal techniques, and instrumental ensembles. Attention is given to conducting instrumental works suitable for school, church, and community organizations. Laboratory experience and videotapes are used for evaluation. *Prerequisite: MUSI 3122. Spring*

**MUSI 3321 Music, Learning, and Children (3-3-0)** A study of musical activities and the role of music in childhood. Application of learning theories to a survey of materials used in the intellectual, emotional, aesthetic, and social growth of children. *Fall (Not acceptable for core.)*

**MUSI 3322 Older Children and Music Learning (3-3-0)** This course is designed to study the relationship of basic concepts and activities involved in the presentation of music under any circumstances. Separate sections for band, orchestra, and choral/general music. Peer teaching will be emphasized. *Prerequisite: MUSI 3321. Be aware of rotation.*

**MUSI 3325 Essential Elements of Music (3-3-0)** A course designed to develop musical skills for the non-music major, and to give practical experience with the concepts of essential elements of music as they apply to the growth of children. (Will not satisfy the core requirement.) *Fall, Spring.*

**MUSI 4099 (1-4 credits) Special Studies** Specialized topics in music education. May be repeated when topic varies.

**MUSI 4129, 4229, or 4329 Workshop in Music** A workshop designed to acquaint the musician with the most recent materials and methods in music education. Credit depends on length of workshop. May be repeated for credit.

**MUSI 4321 Music for the Adolescent (3-3-0)** A survey of the content, organization, and administration of large and small instrumental or choral ensembles, general music, music appreciation, and applied music. *Prerequisite: MUSI 3321, 3322. The instrumental course will be taught in the Spring. The choral course is taught in Fall.*

**MUSI 4622 Student Teaching in Elementary and Secondary School (See EDUC 4622)** *Prerequisite: Senior recital and piano proficiency must be completed before beginning student teaching.*

*See other requirements in School of Education section.*

**MUSIC HISTORY AND LITERATURE (MUHL)**

**MUHL 1041, 1042, 1043, 1044 Laboratory in Concert Music (0-0-1)** A remedial listening laboratory assigned to music majors and minors who are deficient in recital and concert experiences. *Fall, Spring, Summer*

**MUHL 2099 (1-4 credits) Special Studies** Specialized topics in music history and literature. May be repeated when topic varies.

**MUHL 2241, 2242 Survey of Music Literature I, II (2-2-1) [#]** For music majors. A study of listening procedures, the materials of music, and a survey of the basic literature of music. Two class hours and one laboratory each week. *Fall (2241) Spring (2242)*

**MUHL 3241, 3242 History of Music I, II (2-2-1)** The study of the History of Music from the ancient world to the modern era, including the influence literature, Christian liturgy, visual art, and ethnic backgrounds have had on musical styles. *Prerequisite: MUHL 2241, 2242. 3241 Fall, 3242 Spring*

**MUHL 3343 Understanding Music: Classical, Popular, World (3-3-0)** This course is designed to introduce the liberal arts student to music as a communicative art. It endeavors to develop in the student an understanding of the place of music of all kinds in the life of man, as well as the value of music to the individual. (Music Majors may NOT register for this course). *Fall*

**MUHL 3344 The History of Jazz (3-3-0)** This is a survey course designed to help familiarize the student with the many styles of jazz by examining the logical musical development and the important elements which comprise the individual styles of jazz. The important musicians and literature of each era will be the focus of the class. Social aspects of the times as they directly relate to the development of jazz will be discussed. *Spring*

**MUHL 3345 History of Commercial Music (3-3-0)** (See MUSB 3345 for course description.) *Prerequisite: MUHL 2241, 2242 or permission. Fall (odd years)*

The sequence is posted and published in the School of Music for the following courses:

**MUHL 4099 (1-4 credits) Special Studies** Specialized topics in music history and literature. May be repeated when topic varies.

**MUHL 4241 Music of the Renaissance and Early Baroque Eras (2-2-0)** A survey of music from Dunstable to Schuetz, with particular consideration of the influence of the Reformation upon church music. *Prerequisite: MUHL 3241 and 3242.*

**MUHL 4242 Music of the Late Baroque and Classic Eras (2-2-0)** A survey of music from the pre-Bach period through the time of Haydn and Mozart, with emphasis upon the transition from baroque idioms to the sonata idea. *Prerequisite: MUHL 3241 and 3242.*

**MUHL 4243 Music of the Romantic Era (2-2-0)** A survey of music from 1800-1900, the music of Beethoven to the impressionists. Consideration will be given to the importance of literary associations with music in the work of the Romantics and to the trend in the art leading to the character piece, programmatic music, the music drama, and the symphonic poem. *Prerequisite: MUHL 3241 and 3242.*

**MUHL 4244 Music in the Twentieth Century (2-2-0)** A survey of the various trends in music of the twentieth century from Debussy and the Impressionists to the present. *Prerequisite: MUHL 3241 and 3242.*

**MUHL 4247 Music in America (2-2-0)** A survey of the history of music in the United States, both cultivated and vernacular. Topics will range from the music of Native Americans to the most recent techniques of the American avant-garde. *Prerequisite: MUHL 3241 and 3242.*

**MUHL 43X5 Performance Literature (Instrumental)** A survey and study of the music literature appropriate to the student's performance concentration. (Will not satisfy the core requirement.) *Prerequisites: MUHL 3241, 3242 or consent of instructor. Offered as needed.*

**MUHL 4325 Performance Literature (Vocal)** A survey and study of the song literature from 1600 to present. (Will not satisfy the core requirement.) *Prerequisites: MUHL 3241, 3242 or consent of instructor. Fall. (Odd years).*

## MUSIC THEORY AND COMPOSITION (MUTC)

**MUTC 1131, 1132 Ear-Training I, II (1-2-0) [#]** Includes the development of musical hearing through exercises and organized drill in melodic and harmonic singing (using solfege), and melodic, harmonic, and rhythmic dictation. *Must be taken concurrently with MUTC 1133, 1134, 1235 and 1236. Fall (1131) - Spring (1132)*

**MUTC 1133, 1134 Keyboard I, II (1-1-0) [#]** The practical application of harmonic materials studied in MUTC 1131, 1132, 1235 and 1236 on the keyboard. *Must be taken concurrently with MUTC 1131, 1132, 1235 and 1236. Fall (1133) - Spring (1134)*

**MUTC 1235, 1236 Harmony I, II (2-2-0) [#]** A study of the basic materials of music. Also includes principles of voice leading and composition in four-part chorale style. *Must be taken concurrently with MUTC 1131, 1132, 1133 and 1134. Fall (1235), Spring (1236)*

**MUTC 1331 Fundamentals of Music (3-3-0) [#]** A practical approach to the fundamentals of music designed to familiarize students with the meaning of music notation and with the harmonic, melodic, and rhythmic structure of music through writing, singing, and playing piano. Students must maintain a regular practice schedule. Some emphasis is placed on "pop" and folk music. This course may be counted as a core course in the humanities block or as an elective. *Fall, Spring.*

**MUTC 2099 (1-4 credits) Special Studies** Specialized topics in music theory and composition. May be repeated when topic varies. *Fall, Spring*

**MUTC 2131, 2132 Ear-Training III, IV (1-2-0) [#]** A continuation of 1131 and 1132. Correlated with the materials studied in 2235 and 2236. Includes the study of chromaticism and an introduction to contemporary art music. *Must be taken concurrently with MUTC 2133, 2134, 2235, and 2236. Fall (2131) - Spring (2132)*

**MUTC 2133, 2134 Keyboard III, IV (1-1-0) [#]** Practical application of harmonic materials studied in MUTC 2131, 2132, 2235, and 2236. Includes some transposition. *Must be taken concurrently with MUTC 2131, 2132, 2235, and 2236. Fall (2133) - Spring (2134)*

**MUTC 2235, 2236 Harmony III, IV (2-2-0) [#]** A continuation of 1235 and 1236. The study of chromatic harmony from secondary chords to 12-tone music. Also includes basic composition, and an introduction to post-tonal analysis. *Must be taken concurrently with MUTC 2131, 2132, 2133, and 2134. Fall (2235) - Spring (2236)*

**MUTC 2237, 2238 Composition (2-2-0) [#]** Composition exercises that focus on the acquisition of technique. Also includes composition using small-scale forms and composing for piano, strings, brass, woodwinds, percussion, and voice. Notational issues will be discussed in detail. *Must be taken concurrently with MUTC 2131, 2132, 2133, 2134, 2235, and 2236. Prerequisite: 1131, 1132, 1133, 1134, 1137, 1235 and 1236. Fall*

**MUTC 2338 Computers in Music (3-3-0)** This course is an introduction to the use of computers for declared music majors who are preparing for professional music careers. This course satisfies the University General Education Technological Competency requirement.

**MUTC 3231 Form and Analysis (2-3-0)** A study of form in music from motives and phrases to large-scale musical organization. Also includes writing a musical analysis paper. *Fall. Prerequisite: First and second year music theory sequence and successful completion of Sophomore Comprehensive Exam*

**MUTC 3233 Eighteenth Century Counterpoint (2-2-0)** Writing two- and three-voice counterpoint primarily in the style of J.S. Bach, including canon and fugue. Also includes the analysis of contrapuntal procedures and forms including imitation, invertible counterpoint, stretto, canon, invention and fugue.

**MUTC 3234 Sixteenth Century Counterpoint (2-2-0)** A course in the study of contrapuntal techniques used by Palestrina, including the use of species counterpoint to develop student skill. *Prerequisite: Sophomore Comprehensive and MUTC 2236. Spring*



**MUTC 3237, 3238 Composition (2-2-0)** Continuation of Composition 2237. Study of contemporary notational devices. Class, studio, and/or recital performances of original works.

**MUTC 4099 (1-4 credits) Special Studies in Composition and Theory** Specialized topics in music theory and/or composition. Students will be required to write a substantial research project or composition. May be repeated when topic varies. *Fall, Spring*

**MUTC 4231 Orchestration I (2-2-0)** An exploration of the characteristics of band and orchestral instruments through score study. Emphasis is placed on idiomatic writing and knowledge of the timber of each instrument and combinations of instruments, and how these sounds are applied in symphonic scoring. Also includes scoring for various orchestral and band groups, with some emphasis on instruments with voices. There will be some performance in class or studio. *Prerequisite: Sophomore Comprehensive and/or consent of instructor. Fall*

**MUTC 4232 Orchestration II (2-2-0)** This course is a continuation of MUTC 4231 with an emphasis on detailed analysis of symphonic scores and practical experimentation through orchestral arranging and scoring. Some original compositions to be scored for small combinations. Also includes class, studio, or recital performance of compositional materials. *Prerequisite: MUTC 4231. Spring*

**MUTC 4233 History of Music Theory (2-2-0)** Survey of the history of music theory. Students will explore theoretical issues from antiquity to the modern period. *Prerequisite: Successful Completion of Sophomore Comprehensive Exam.*

**MUTC 4234 Schenkerian Analysis (2-2-0)** Introduction to Schenkerian analysis of tonal music. Includes large-scale tonal relationships, the connection between harmony and counterpoint, and how these topics relate to musical form. *Prerequisite: Successful Completion of Sophomore Comprehensive Exam.*

**MUTC 4235 Post-tonal Theory (2-2-0)** Advanced study of set and 12-tone theory. Students will apply these concepts in the analysis of post-tonal music. *Prerequisite: Successful completion of Sophomore Comprehensive Exam.*

**MUTC 4236 Music Theory Review (2-2-0)** Overview of tonal theory and form and analysis. Introduction to acoustics, jazz, non-tonal music, and non-western music. *Prerequisite: Successful completion of Sophomore Comprehensive Exam.*

**MUTC 4237, 4238 Composition (2-2-0)** Continuation of Composition 3237, 3238. Study of contemporary rotational devices. Class, studio and/or recital performances of original works.

**MUTC 4333 Pedagogy of Theory (3-3-0)** The study and organization of methods and materials for teaching music theory. Includes the evaluation of textbooks and computer software, the creation of syllabi and tests, and practical teaching experience. *Prerequisite: Sophomore Comprehensive and MUTC 3231 and 3233.*

#### MUSIC PERFORMANCE STUDIES

(including University Ensembles)

##### Piano Performance Major Private Instruction (MUPS)

**MUPS First Year - 1111(1-4 credits)** *To be taken for at least two semesters.* Literature of the level of difficulty of Etudes from Cramer; Czerny, Op 740; Clementi; Bach, Two and Three-part Inventions. Sonatas and pieces from the Romantic and Contemporary periods. Technical routine as appropriate (major and harmonic minor scales; arpeggios on major and minor triads, dominant and diminished sevenths; broken chords on major and minor triads, both hands played four octaves). *Fall, Spring*

**MUPS Second Year - 2111 (1-4 credits)** *To be taken for at least two semesters.* Literature of the difficulty of Etudes by Chopin; Bach, Well-tempered Clavier & French Suites; Beethoven, Op 2, No. 3, and Op 7. Romantic and contemporary pieces. Technical routine as needed (in tenths and sixths). *Fall, Spring*

**MUPS Third Year - 3111 (1-4 credits)** *To be taken for at least two semesters.* Literature of the difficulty of Bach, Well-

tempered Clavier, English Suites or Partitas; Beethoven, Op 31, No. 3; Technical routine as needed (in octaves, tenths, sixths, and thirds). Presentation of half-junior recital. *Fall, Spring*

**MUPS Fourth Year - 4111 (1-4 credits)** *To be taken for at least two semesters.* Study of advanced literature from all style periods. Continuation of technical routine (contrary motion). Presentation of a senior recital consisting of representative works of the standard concert repertory. *Fall, Spring*

#### CLASS INSTRUCTION (MUPC)

**MUPC 1111, 1112, 1113, 1114, 1125, 1126 Class Piano I, II, III, IV (1-2-0) [#]** Functional piano for students with little or no previous keyboard experience will be taught in class, meeting two hours per week. *Fall, Spring*

##### MUPC 1121 Class Voice

**MUPC 1125 Diction I (1-2-0) [#]** A study of the correct sounds belonging to the English, Italian, and Latin languages respectively with emphasis placed on their application to singing. Students will be required to prepare simple songs in each language. *Fall*

**MUPC 1126 Diction II (1-2-0) [#]** A study of the correct sounds belonging to the French and German languages respectively with emphasis placed on their application to singing. Students will be required to prepare simple songs in each language. *Spring. Prerequisite: MUPC 1125.*

**MUPC 2141 Jazz Improvisation I** This elective course teaches instrumentalists the rudiments of improvisation in different styles of the jazz idiom. Students will learn jazz nomenclature, chord/scale relationships, and how to improve idiomatic melodies over songs harmonic progression. Students will perform in an ensemble setting. Students must audition for the instructor.

**MUPC 4311 Piano Pedagogy (3-3-0)** Course includes detailed analysis of private and class lesson teaching procedures, lesson planning, study of teaching materials from intermediate to early advanced level, and observation of teaching at these levels. Each student will be assigned a private student to teach under supervision of the instructor. *Spring*

#### VOICE PERFORMANCE MAJOR PRIVATE INSTRUCTION (MUPS)

**First Year - MUPS 1121 (1-4 credits)** *To be taken for at least two semesters.* Developing breath control, tone production, diction. Repertoire to include English and early seventeenth and eighteenth century Italian classics. *Fall, Spring*

**Second Year - MUPS 2121 (1-4 credits)** *To be taken for at least two semesters.* Continued emphasis on techniques: breath control, tone production, phrasing, through the study of songs in English, Italian, German, French, and the easier operatic and oratorio arias. *Fall, Spring*

**Third Year - MUPS 3121 (1-4 credits)** *To be taken for at least two semesters.* Continued emphasis in all phases of vocal techniques; songs of increased technical and interpretive difficulty, representing various schools and styles of vocal literature, and introducing the student to contemporary vocal literature in English, French, German, and Italian. Presentation of half-junior recital. *Fall, Spring*

**Fourth Year - MUPS 4121 (1-4 credits)** *To be taken for at least two semesters.* Particular emphasis placed on artistic interpretation through intensive study of various schools and styles, including opera and oratorio arias. Presentation of senior recital. *Fall, Spring*

**MUPS 4321 Voice Pedagogy (3-3-0)** A technical study of the vocal mechanism related to practical use in correct vocal procedure. Diagnosis of common vocal faults; exercises for correction and development; analysis of literature suitable for study. *Fall (even years)*

##### Organ Performance Major Private Instruction (MUPS)

**First Year - MUPS 1131 (1-4 credits)** *To be taken for at least 2 semesters.* Development of manual and pedal technique, coordination; easier pieces from pre-Baroque and Baroque;



Eight Little Preludes and Fugues; Rheinberger Trios. *Fall, Spring*

**Second Year - MUPS 2131** (1-4 credits) *To be taken for at least two semesters.* Bach Trio Sonatas; Frescobaldi toccatas; easier chorale preludes; easier compositions from Romantic and Contemporary literature; hymn playing. *Fall, Spring*

**Third Year - MUPS 3131** (1-4 credits) *To be taken for at least two semesters.* Bach prelude and fugue of the difficulty of the A Minor (S.543) or G major (S.541); free compositions by other Baroque composers; Franck Cantabile, Pastorale or Fantasy in C; pieces from French Classic period; pieces of moderate difficulty from contemporary literature. Presentation of half junior recital. *Fall, Spring*

**Fourth Year - MUPS 4131** (1-4 credits) *To be taken for at least two semesters.* Advanced literature from all style periods. Presentation of senior recital. *Fall, Spring*

**MUPS 4331 Organ Pedagogy (3-3-0)** Current organ pedagogical methods covering pedal and manual technique, registration, and the development of flexible service playing. Students will also visit and perform on a variety of organs in order to know the fundamentals of organ construction and installation and how these affect teaching and performance. *Prerequisite: MUHL 3241, 3242. Fall (even years).*

### SECONDARY ORGAN EMPHASIS

At the completion of Organ 2131 a student is expected to have achieved as a minimum the facility required for completion of an organ performance Major 1131.

### CONDUCTING PRIVATE INSTRUCTION (MUPS)

**MUPS 4181** (1-4 credits) *Prerequisite: MUSI 3122, and 3223 or 3224. Fall, Spring*

### ORCHESTRA AND BAND INSTRUMENT AREA INSTRUMENTAL PERFORMANCE MAJOR PRIVATE INSTRUCTION (MUPS)

#### First Year

**MUPS 1141** Strings

**MUPS 1151** Brass

**MUPS 1161** Woodwinds

**MUPS 1171** Percussion

**MUPS 1191** Guitar

(Principal emphasis only) (1-4 credits) *To be taken for at least two semesters.* Instruction on all standard instruments. Concentration on scales, arpeggios, technical difficulties, and studies. Standard instructional material used. Study and performance of solo literature. *Fall, Spring*

#### Second Year

**MUPS 2141** Strings

**MUPS 2151** Brass

**MUPS 2161** Woodwinds

**MUPS 2171** Percussion

**MUPS 2191** Guitar

(Principal emphasis only) (1-4 credits) *To be taken for at least two semesters.* Continuation of technical studies and study of performance of literature for the instrument. *Fall, Spring*

#### Third Year

**MUPS 3141** Strings

**MUPS 3151** Brass

**MUPS 3161** Woodwinds

**MUPS 3171** Percussion

**MUPS 3191** Guitar

(Principal emphasis only) (1-4 credits) *To be taken for at least two semesters.* Continuation of study on technical problems of the instrument. Concentration on repertoire and artistic performance. Presentation of half junior recital. *Fall, Spring*

#### Fourth Year

**MUPS 4141** Strings

**MUPS 4151** Brass

**MUPS 4161** Woodwinds

**MUPS 4171** Percussion

**MUPS 4191** Guitar (Principal emphasis only) (1-4 credits) *To be taken for at least two semesters.* Continuation of technical study with emphasis on artistic performance. Intensive study of literature for the instrument. Presentation of senior recital. *Fall, Spring*

### CLASS INSTRUCTION (MUPC)

**MUPC 2099 (1-4 credits) Special Studies** Private studies in workshops, clinics, and special vocal or instrumental projects. May be repeated when topic varies.

**MUPC 2141 Jazz Improvisation 1 (3-3-0)** This course teaches instrumentalists the rudiments of improvisation in different styles of the jazz idiom. Students will learn Jazz nomenclature, chord/scale relationships, and how to improvise idiomatic melodies over a song's harmonic progression. Students will perform in an ensemble setting. *Students must audition for the instructor. Fall, Spring*

**MUPC 4341 String Pedagogy (3-3-0)**

**MUPC 4351 Brass Pedagogy (3-3-0)**

**MUPC 4361 Woodwind Pedagogy (3-3-0)**

**MUPC 4371 Percussion Pedagogy (3-3-0)** A study of teaching techniques and materials as applied to the instrument group selected. *Prerequisite: MUHL 3241, 3242. Offered periodically as needed.*

**This statement applies to all Pedagogy classes: A study of teaching techniques and materials as applied to the instrument group selected. Prerequisite: MUHL 3241, 3242. Offered periodically as needed.**

### INSTRUMENTAL ENSEMBLES (MUEI)

**MUEI 1101, 2101, 3101, 4101 University Concert Band (1-0-5)** *To be taken for at least 2 semesters at each level.* A large ensemble designed for the study and performance of a wide variety of wind band literature. Occasionally features a special guest artist. Often tours in the spring. Open to all university students by audition. Five one-hour rehearsals each week. *Fall, Spring*

**MUEI 1111, 2111, 3111, 4111 Cowboy Band (1-0-3)** (Also FSSC 1129) *To be taken for at least two semesters at each level.* A medium-sized ensemble designed for the performance of entertainment music for a variety of events including concerts, parades, football games, rodeos, basketball games, etc. A high-spirited, highly visible ensemble rich in history and tradition. *Membership in University Concert Band a prerequisite. Three one-hour rehearsals each week. One semester can be taken for core credit if taken as FSSC 1129. Fall, Spring*

**MUEI 1131, 2131, 3131, 4131 Collegiate Orchestra (1-0-4)** *To be taken for at least two semesters at each level.* A large ensemble open to all university students by audition. The Hardin-Simmons University Orchestra exists through the cooperative efforts of Abilene Christian University and HSU. It performs four to six concerts per year at various locations, including the Paramount Theatre and the Abilene Civic Center. Study and performance of standard orchestra literature. Two 2-hour rehearsals each week. *Fall, Spring*

**MUEI 1141, 2141, 3141, 4141 String Ensemble (1-0-2)** *To be taken for at least two semesters at each level.* String Ensemble is a flexible organization designed to study and perform standard chamber music repertoire. Open to all students by audition. Two rehearsals each week. *Fall, Spring.*

**MUEI 1151, 2151, 3151, 4151 Brass Ensemble (1-0-2)** *To be taken for at least two semesters at each level.* Study and performance of ensemble music for various brass instrumental combinations. Open to all students by audition. Two rehearsals each week. *Fall, Spring.*

**MUEI 1161, 2161, 3161, 4161 Woodwind Ensemble (1-0-2)** *To be taken for at least two semesters at each level.* Study and performance of chamber works for various woodwind instrumental combinations. Open to all students by audition. Two rehearsals each week. *Fall, Spring.*

**MUEI 1171, 2171, 3171, 4171 Percussion Ensemble (1-0-2)** *To be taken for at least two semesters at each level.* Study and performance of contemporary literature for percussion.

Open to all students by audition. Two rehearsals each week.  
*Fall, Spring.*

**MUEI 1191, 2191, 3191, 4191 Piano Ensemble (1-0-2)** Piano Ensemble is designed to develop sight reading skills at the piano and to give instruction in chamber music performance and/or accompanying. *Fall, Spring*

#### **VOCAL ENSEMBLES (MUEV)**

**MUEV 1101, 2101, 3101, 4101 HSU Chorale (1-0-5)** *To be taken for at least two semesters at each level.* A large ensemble designed for study and performance of major choral works. Open to all university students. *Fall, Spring*

**MUEV 1111, 2111, 3111, 4111 Concert Choir (1-0-5)** *To be taken for at least two semesters at each level.* Large ensemble designed for study and performance of representative works from choral schools since the sixteenth century. Tours are scheduled for this group each year. Open to all university students by audition. *Fall, Spring*

**MUEV 1121, 2121, 3121, 4121 Simmons Classic (1-0-3)** *To be taken for two semesters at each level.* Study and performance of vocal chamber music from sixteenth century to present, contemporary Christian music, and vocal jazz. School concerts, civic appearances, television. Open only to Concert Choir members above Freshman level by audition. Three rehearsals each week. *Fall, Spring*

**MUEV 1131, 2131, 3131, 4131 Opera Workshop (1-0-4) [#]** Practical application of technical and performing aspects of the production of opera and opera excerpts. Basic principles of rehearsal, stagecraft, and performance. *Fall, Spring*

#### **NURSING (NURS)**

**NURS 2301 Introduction to Nursing Skills (3-2-1)** This course introduces areas of learning vital to nursing practice. These are fundamental nursing concepts and practices related to the holistic delivery of nursing care. Included are effective communication, client teaching, basic assessment skills, nutritional support, safety principles, and beginning proficiency in selected nursing skills. Skills include, but are not limited to, vital sign measurement, hygienic care, standard precaution application and medical terminology usage. *Spring, Summer*

**NURS 3334 Dimensions of Nursing (3-3-0)** This course will explore the nurse's professional roles and values, and the interaction of the nurse with the health care delivery system. The historical development of the nursing profession will be analyzed. Important concepts integrated throughout the course are critical thinking, problem solving, legal/ethical principles, decision-making models and the contribution of nursing theory to practice. Medical terminology and medication calculation principles/formulas will be introduced. *Fall, Spring, Summer*

**NURS 3335 Mental Health Nursing (3-2-1)** Physiological and psychological aspects of mental health related to acute and chronic health problems across the lifespan will be examined. The role of the professional nurse in health promotion and illness prevention are key components. Emphasis is placed on the mental health milieu that exists within a community setting. *Spring*

**NURS 3410 Pathophysiology (4-4-0)** Scientific concepts related to pathophysiological process: genetic, cellular, biochemical, and disease processes in specific body systems will be discussed. *Spring, Summer*

**NURS 3421 Health Assessment (4-3-1)** Assessment of the holistic person as an individual and a member of groups, families, aggregates, communities, and society (IFACS) is emphasized. The role of the nurse in health promotion throughout the life cycle is demonstrated by identifying normal findings. Emphasis will be placed on acquiring skills to record client histories, to perform physical assessment, and to communicate specific findings. *Fall, Spring*

**NURS 3323 Pharmacology (3-3-0)** Discussion of the fundamental principles of pharmacology and investigation of the major classifications of drugs with emphasis on pharmaco-therapeutic actions and nursing implications will be presented. Previously learned skills and concepts as well as

prerequisite science courses are integrated into the discussions. Principles of safe medication administration will be integrated throughout the course. *Fall, Summer*

**NURS 3622 Nursing Process I - Fundamentals of Nursing (6-3-3)** Students are provided with basic knowledge of concepts inherent to the practice of professional nursing and in the care of all clients. The course lays the foundation for nursing practice based on current nursing theories, theoretical knowledge, concepts, and clinical skills. Theory is applied to practice in a variety of settings. *Fall*

**NURS 3836 Nursing Process II - Nursing Care of the Childbearing and Childrearing Family (8-5-3)** Students are introduced to obstetrical and pediatric nursing concepts and care. The course focuses on normal and abnormal adaptations in the childbearing process and on growth and development of the child and conditions and illness that affect child health. *Spring*

**NURS 4335 Community and Public Health Nursing (3-2-1)** The focus of this introductory course is the presentation of key concepts, theories, and issues relevant to practice as a public health/community health nurse. The courses will explore the major concepts and conceptual issues underlying the specialty of community oriented nursing, including the dimensions of public health and community health nursing. The course is intended to assist students in clarifying conceptual issues in the specialty and beginning to develop position on critical health care issues including access to care, disparities, vulnerable populations, health promotion across the lifespan, and the implementation and progress of *Healthy People 2020 National Health Objectives*. *This course is offered in an online delivery format to RN-BSN students only. Spring*

**NURS 4343 Nursing Theories and Research (3-3-0)** Nursing Theories and Research provides a forum for the study of professional nursing related needs, through broadening the student's ability to read, interpret and integrate research information and theoretical models into practice. It is intended to introduce students, as beginning practitioners, to research and theory in nursing. *Fall*

**NURS 4352 Leadership and Management (3-3-0)** This course involves principles of professional nursing that provide the student opportunities to synthesize and grate learning experiences with contemporary practice. Health care as it is delivered in the United States today will be examined by considering the organizational socio-political, economic, legal, and cultural context on which health care delivery is based for the practicing profession. *Spring*

**NURS 4360 Professional Nursing Transitions (3-3-0)** This course is designed for the RN student who is seeking a baccalaureate degree. The course is designed to promote transition to roles that enhance professional practice and growth built on prior nursing education and experience.

The primary audience is RNs returning to school to obtain a bachelor's degree. The purpose is to intellectually engage RNs in an ongoing professional dialog with peers, colleagues, and faculty, to broaden RNs professional development and build on RNs pre-existing knowledge and experience. *This course is offered in an online delivery format to RN-BSN students only. Fall*

**NURS 4362 Joining Forces: Understanding the Visible and Invisible Wounds of War (3-3-0)** Interdisciplinary online course exploring therapeutic treatment methods in the acute care and community settings for service-members, veterans, and family members in order to reduce the visible and invisible wounds of war. *This course is offered in an online delivery format to RN-BSN students only. Fall*

**NURS 4364 Health Behaviors: Promotion and Prevention (3-3-0)** This course will review theory, research & methods for health promotion, protection, and prevention of disease and injury. This course will outline behaviors that will equip the professional nurse to increase and ingrain healthy lifestyles into her/his practice in order to better educate individuals, health care providers, and populations. In addition, this course will help the professional nurse develop policies that utilize *Healthy People 2020 National Health Objectives* for their

communities and its constituents. This course is offered in an online delivery format to RN-BSN students only. Fall

**NURS 4366 Introduction to Faith Community Nursing (3-3-0)**

The course introduces students to the role of the Faith Community Nurse within pastoral, social service, and community health venues. Focus is placed on the core concepts of spiritual formation; professionalism; shalom as health and wholeness; community; and incorporating culture and diversity. Emphasis is placed on providing a better understanding of the theoretical relationship between religious practices and the health of the community as a basis for developing and leading practical initiatives. Exploration into the characteristics of healthy congregations that are critical to the formation of coherent, healthy, and whole neighborhoods and communities is provided. The nurse's leadership qualities and practices that assist faith communities to build their capacities for collaboration with their public sector partners are also explored. This course is offered in an online delivery format to RN-BSN students only. Spring

**NURS 4368 Care of Vulnerable Populations (3-3-0)** This course will teach nurses how to conceptualize the care of high-risk individuals and groups into their professional practice. Nurses will encounter a tremendous shift in their roles and responsibilities through the application of concepts, theories, ethics, policy, program planning and development, advocacy, and nursing practice. This course is offered in an online delivery format to RN-BSN students only. Spring

**NURS 4370 Lab and Diagnostics (3-3-0)** Lab and diagnostics studies; rationale for studies, expected and abnormal findings, clinical implications, procedures involved in pretest/posttest care of the client undergoing studies. Spring

**NURS 4371 Health Care Missions (3-2-1)** This course will provide the student a foundation for health care strategies that will be used to serve and evangelize in cross cultural environments. The student will be introduced to strategies for learning culture and language as well as communicating and educating cross culturally. Spring

**NURS 4372 Perioperative Nursing (3-2-1)** The focus of the course is care of the client during the perioperative period and the nursing responsibilities inherent in caring for this unique client. Clinical experience includes activities in the preoperative, intraoperative, and postoperative stages. Legal and ethical concerns during the perioperative period will also be explored. Spring

**NURS 4373 Care of the Terminally Ill (3-3-0)** This course examines the components of providing holistic care for the dying client. Emphasis is placed on providing a comfortable environment for the client, including pain management and management of other symptoms. Facilitating communication among client, family, and members of the interdisciplinary health care team is an essential part of providing quality care at the end of life. Psychosocial and spiritual needs of the dying client are discussed. Spring

**NURS 4374 Clinical Nutrition (3-3-0)** Reviews normal nutrition; focuses on an in-depth presentation on clinical nutrition and diet strategies to manage disease. Fall, Spring, Summer

**NURS 4380 Introduction to Public Health (3-3-0)** The interdisciplinary course will provide a history and broad overview of the public health system including definition, origins, evolution, and contemporary structure and administration at the federal, state, and local levels in the United States. In addition, it will provide a broad framework for understanding the mission, key concepts, principles, and practices of population-based public health practice through an introduction to five core disciplines: epidemiology, biostatistics, environmental health, and health policy and management. Through the use of case studies and interactive modalities, students will have an opportunity to see how basic concepts may be applied in real-world settings. This course is offered in an online delivery format to RN-BSN students only. Summer

**NURS 4382 Health Care Issues and Policy (3-3-0)** This interdisciplinary course focuses on health policy and issues that affect consumers of health care and nursing practice. The organization of the health care system and the policy making process are explored and the legal, political, economic, social and environmental influences are analyzed. Selected topics are examined to help students analyze issues, compare and contrast multiple views on issues, and formulate appropriate responses to health care policy. This course is offered in an online delivery format to RN-BSN students only. Summer

**NURS 4453 Professional Nursing Practicum (4-0-4)** Comprehensive clinical experience for the student to assist in the transition from student to professional nurse will be provided. Students will have opportunities to synthesize and integrate previous learning and apply it to clinical practice. The student will work directly with a professional nurse during the clinical experience in a self-directed independent position. Credit/No Credit

**NURS 4483 Fundamentals of Epidemiology (4-4-0)**

The course will examine principles of epidemiology and basic biostatistics in the context of real world public health issues. The major focus is on the use of sound epidemiological judgment with an emphasis on understanding, rather than the mechanics of calculation. A series of case studies are used to teach the principles and practice of epidemiology, ranging from surveillance and descriptive epidemiology to outbreak investigations and analytic methods. A variety of interactive modules are used to facilitate learning and provide opportunities to explore specific topics in greater detail. This course will be offered in an online delivery format. Prerequisite: NURS 4380. This course is offered in an online delivery format to RN-BSN students only. Fall

**NURS 4484 Health Care Disparities (4-4-0)** This course will explore the health disparities at the national and global level, and the impact of health disparities on public health. The course focuses on theoretical and methodological strategies for studying health disparities as well as empirical evidence supporting the existence of different health disparities and explanations for understanding and ameliorating them. Significant attention will be given to the idea that health and access to health care is a basic human right in a just society. This course is offered in an online delivery format to RN-BSN students only. May Term

**NURS 4485 Critical Issues in Global Health-Capstone (4-4-0)** The course introduces students to global public health issues of two kinds including, fundamental cross-cutting issues such as the relationship between global health and economic development, and selected thematic areas such as child survival, HIV/AIDS, and global tobacco control. The course will contextualize current efforts in global health from historical and likely future trends. Readings will be drawn from a range of disciplinary perspectives, including nursing, history, political science, economics, sociology, and anthropology. A major goal of this course is to equip students with selected critical perspectives and the resources needed as public health professionals and global citizens within an increasingly smaller, complex, and interdependent world. This course is offered in an online delivery format to RN-BSN students only. Summer

**NURS 4651 Nursing Process IV - Critical Care Nursing (6-4-2)** Examination of physiological and psychological adaptation to responses dealing with stressors/stimuli related to acute and critical health problems. Emphasis is on clients experiencing critical physiological deviations.

**NURS 4846 Nursing Process III – Medical - Surgical Nursing (6-4-2)** Examination of physiological and psychological adaptation to responses dealing with stressors/stimuli related to acute and serious health problems. Emphasis is on clients who experience physiological deviation. Fall

**PHILOSOPHY (PHIL)**

**PHIL 1310 Critical Thinking (3-3-0)** An introduction to critical thinking concentrating on development of skills and clarity in

analysis and expression. Considers common forms of valid and fallacious reasoning and of persuasive and rhetorical techniques. Includes exercises and drills in practical reasoning drawn from a variety of disciplines and media. Develops methods of reasoning applicable across disciplines. **PHIL 2099 (1-4 credits) Special Topics** An introduction to selected topics in philosophy. Variable credit may be given. May be repeated when topic changes.

**PHIL 2335 Introduction to Ethics (3-3-0) #** An introduction to selected moral issues. The relevance of practical logic and ethical theories is considered. Possible moral issues include euthanasia; abortion; sexual morality; pornography; equality and discrimination; economic justice; legal punishment; environmental ethics; animal rights; cloning and genetic engineering; violence, terrorism, and war; global issues and globalization. *Spring*

**PHIL 2350 Introduction to Philosophy (3-3-0) #** A study of the major problems of philosophical thought in both Eastern and Western traditions. Although it can serve as preparation for further study of philosophy, this course is intended to provide students with a very "hands-on" experience in the nature and method of philosophical and critical thinking by carefully raising basic questions such as: how can I wisely decide what is right or wrong, how best to live my life? *As needed (most semesters)*

**PHIL 3099 (1-4 credits) Special Topics** Advanced study of selected topics in philosophy. Variable credit may be given. May be repeated when topic changes.

**PHIL 3300 History of Ancient and Medieval Philosophy: The Search for the One (3-3-0)** (Also THEO 3300) An inquiry into the development of the basic philosophical problems and perspectives from the ancient pre-Socratic Greeks to the responses to 12th Century philosophy that led to the Renaissance and Reformation. Major thinkers include Socrates, Plato, Aristotle, Augustine, Aquinas, and Duns Scotus. *Fall, even years.*

**PHIL 3310 History of Modern Philosophy: From Renaissance and Reformation to Romanticism and Naturalism (3-3-0)** An inquiry into the main developments in modern western philosophy, beginning with the medieval view of nature, Renaissance and Reformation, culminating in the revolutionary thinking of Kant that led to the dominance of scientific naturalism and romanticism in the 19th century. Major thinkers include Bacon, Descartes, Hobbes, Spinoza, Leibniz, Pascal, Locke, Berkeley, Hume, Kant, Fichte. *Fall*

**PHIL 3315 Nineteenth Century and Contemporary Philosophy: From Romanticism and Naturalism to Post-modernism (3-3-0)** An inquiry into the main philosophical movements and key thinkers in nineteenth-century philosophy and contemporary western philosophy. Major thinkers include Schelling, Schiller, Coleridge, Hegel, Schopenhauer, Mill, Kierkegaard, Marx, Nietzsche, James, Wittgenstein, Russell, Derrida, Foucault, Rorty. *Spring (odd years)*

**PHIL 3320 Logic (3-3-0)** An analysis of the principles of sound reasoning with regard to the development of clear thought and accurate expression. The course provides a basic introduction to informal and formal logic; traditional and symbolic deductive logic; the logic of the sciences and the philosophy of language. *Spring*

**PHIL 3326 Existentialism (3-3-0)** An exploration of basic themes in existentialism and the conditions in modernity to which existentialism responds: includes a comparison with contemporary movements such as post-modernism. The course focuses on the thinking of Sartre, Camus, Nietzsche, and Kierkegaard, but also covers many other fascinating thinkers. Existentialism will be treated not merely as a philosophical phenomenon but as literary, aesthetic, religious, historical and cultural movement. *Spring (even years)*

**PHIL 3330 Ethical Theory (3-3-0)** An attempt to develop the ability to reason carefully about virtue, value, and obligation, what is good and bad, and what is right and wrong. Classical and modern positions are considered.

**PHIL 3390 Directed Studies** Advanced study in a special topic or problem of philosophy. Outside readings, written

and/or oral reports, research paper. May be repeated when topic changes. *Prerequisite: Consent of instructor.*

**PHIL 4099 (1-4 credits) Special Topics** Advanced study of selected topics. Designed to meet the special needs of upper-level students in philosophy. Variable credit may be given. May be repeated when topic changes.

**PHIL 4315 Contemporary Continental Philosophy, Critical Theory, and Postmodernism (3-3-0) (Also THEO 4315)** A survey of important intellectual movements and key individuals in contemporary European thought. Possible movements include phenomenology, existentialism, philosophical hermeneutics, Marxism and the critical theory of the Frankfurt School, psychoanalytic structuralism, French feminism, deconstruction, post-structuralism, postmodernism, as well as key individual thinkers associated with each of these movements.

**PHIL 4320 Philosophy of Religion (3-3-0)** (Also THEO 4320) Inquiries into the conceptual basis and logic of religious commitment. Emphasis on the varieties of theism together with appraisals of competing views, rational grounds for belief in God, the problem of evil, and human destiny. Issues will be related to contemporary theology.

**PHIL 4350 Problems and Topics (3-3-0)** Intensive investigation of particular periods, fields, problems, movements or individual thinkers. Course content determined in consultation with enrollees. May be repeated when topic changes.

**PHIL 4360 Evil and Suffering** (Also THEO 4360) Study of the problem of evil and its philosophical challenge to religious thought with a focus on classical theodicies and on contemporary debates concerning the implications of evil for the question of the existence of God and of the logical coherence of theism.

**PHIL 4361 Faith and Reason** (Also THEO 4361) Historical study of Christian epistemology and a contemporary reconstruction directed toward establishing a foundation for faith and an apologetic posture in the postmodern world with special attention to the theory of knowledge, the historic approaches to faith and reason, natural and revealed theology, and the problem of religious authority.

#### PHYSICAL SCIENCE (PHSC)

**PHSC 2099 (1-4 credits) Special Topics** Topics will be chosen to meet special student needs. One, two, or three hours lecture weekly. Laboratory may be included for some topics. The course may be repeated for credit with different subject matter.

**PHSC 3099 (1-4 credits) Special Problems** Individual or group study of specific topics in physical science, which may include meteorology, or other topics required in teacher certification programs. The course may be repeated for credit with different subject matter and may include laboratory work.

**PHSC 3101 Astronomy Lab (3-0-3)** An introductory astronomy laboratory covering varied projects in general, stellar, and galactic astronomy as well as planetary science. Projects will include basic astronomical principles with some calculations, data analysis and use of the HSU Observatory. Computers will be used for computations and data collection. Day and overnight field trips may be included. *Prerequisites: PHSC 3301 or concurrent enrollment. Math 1310 is recommended.*

**PHSC 3301 Astronomy (3-3-0)** A general course in descriptive astronomy, including the nature of astronomical observations, the solar system, the stars, the galaxies, and cosmology. *Fall, Spring*

**PHSC 3320 The Age of Dinosaurs (3-3-0)** This course is a survey of the anatomy, physiology, life-styles, population, and adaptation of dinosaurs. Mesozoic climates and basic Earth history of this time will be studied. The latest research about dinosaur extinction and dinosaur fossil taphonomy will be covered. **This course may not be used to satisfy the degree requirement for science majors or minors.**

#### PHYSICS (PHYS)

**PHYS 1099, 2099, 3099, 4099 Selected Topics (1-4 credits)** Topics will be chosen to meet student needs. One, two or three lecture hours each week. May be repeated when different subject material is taught.

**PHYS 1110 General Physics I Lab (1-0-2) [#]** Laboratory course providing an introduction to fundamental concepts of mechanics, heat, and sound. *Prerequisite: Concurrent enrollment in PHYS 1310 is required unless waived by the student's advisor.*

**PHYS 1111 General Physics II Lab (1-0-2) [#]** Laboratory course providing an introduction to fundamental concepts of magnetism, electricity, light and atomic physics. *Prerequisite: Concurrent enrollment in PHYS 1311 is required unless waived by the student's advisor.*

**PHYS 1120 Physics for Scientists and Engineers I Lab (1-0-2)** A calculus-level laboratory course providing an introduction to mechanics and heat. *Prerequisite: Concurrent enrollment in PHYS 1320 is required unless waived by the student's advisor. Fall (odd years).*

**PHYS 1121 Physics for Scientists and Engineers II Lab (1-0-2)** A calculus-level laboratory course providing an introduction to electricity, magnetism, and optics. *Prerequisite: Concurrent enrollment in PHYS 1321 is required unless waived by the student's advisor. Spring (even years.)*

**PHYS 1310 General Physics I (3-3-0) [#]** A general course in physics: mechanics, heat, and sound. *Prerequisite: MATH 1311.*

**PHYS 1311 General Physics II (3-3-0) [#]** A general course in physics: fundamental concepts of magnetism, electricity, light and atomic physics. *Prerequisite: PHYS 1310.*

**PHYS 1320 Physics for Scientists and Engineers I (3-3-0)** A calculus-level introduction of the principles of mechanics and heat. *Prerequisite: MATH 1420 or permission of the instructor. Fall (odd years).*

**PHYS 1321 Physics for Scientists and Engineers II (3-3-0)** A calculus-level introduction of the principles of electricity, magnetism, and optics. *Prerequisite: PHYS 1320 and MATH 1421 or permission of the instructor. Spring even years.*

**PHYS 2405 Introduction to Speech Acoustics (4-3-2)** A laboratory course that introduces the nature of sound produced by the spoken human voice and the aural perceptions of sound and speech. This course covers vibrations, wave phenomena, sound generation and propagation, the nature of hearing, room acoustics, and the analysis of sound. The analysis and sound production of the spoken voice will be of particular emphasis. *This course may not be used to satisfy the degree requirement for science majors or minors. Prerequisite: MATH 1301 or 1310. Spring (odd years).*

**PHYS 2406 Introduction to Musical Acoustics (4-3-2)** A laboratory course that introduces the nature of sound produced by the human voice and musical instruments. The course will cover vibrations, wave phenomena, sound generation and propagation, the nature of hearing, room acoustics and the analysis of sound. The analysis of the sound production of musical instruments will be of particular emphasis. This course may not be used to satisfy the degree requirement for science majors or minors. *Prerequisite: MATH 1301 or 1310. Fall (even years).*

**PHYS 2410 Modern Physics (4-3-3)** Introduction to aspects of modern physics; relativity, quantum mechanics, atomic structure, nuclear physics and modern physics. *Prerequisite: PHYS 1321 and 1121. Fall (even years).*

**PHYS 3320 Classical Dynamics (3-3-0)** Introduction to advanced classical dynamics: particle motion in one and three dimensions including oscillatory motion and motion under a central force, dynamics of many particle systems, and Lagrange's and Hamilton's equations. *Prerequisite: PHYS 2410 and MATH 2321 or concurrent enrollment. Spring (odd years).*

**PHYS 3330 Electromagnetism (3-3-0)** This is an intermediate class in electricity and magnetism, presenting the foundations of electromagnetic theory. *Prerequisite:*

PHYS 2410 and MATH 2320 (or concurrent enrollment) (as needed)

**PHYS 3340 Statistical Physics and Thermodynamics (3-3-0)** Introduction to thermodynamics and the statistical description of thermal processes. *Prerequisite: PHYS 2410. Fall (odd years).*

**PHYS 4090 Special Problems (1-4 credits)** Advanced work in physics, the nature of which is determined by the previous preparation and interest of the student. Credit hours will depend on the nature of the problem and the amount of completed coursework. May be repeated when different subject material is taught. *Prerequisite: PHYS 2410 or consent of the instructor.*

**PHYS 4305 Mathematical Methods (3-3-0)** This course provides an overview of complex variables, matrix theory, perturbation theory, integral transformations, ordinary and partial differential equations with applications to various physics problems. *Prerequisite: PHYS 2410 and MATH 2321 (or concurrent enrollment). It is recommended that the student as also completed MATH 3305 (as needed).*

**PHYS 4310 Quantum Mechanics (3-3-0)** This course offers an introduction to quantum mechanics, including such topics as wave mechanics, Schrödinger's equation and its applications, barrier problems, harmonic oscillators, angular momentum, and applications to atomic and molecular processes. *Prerequisite: PHYS 3320 and MATH 2321 and 3305. Spring (even years)*

#### POLITICAL SCIENCE (POLS)

**POLS 1302 American Government (3-3-0)** A course in American national government with emphasis on its constitutional development, historical background, organization, and functions. *Fall, Spring*

**POLS 2099 (1-4 credits) Special Topics** Topics offered on demand reflecting general interest areas within the field not covered by existing catalog courses.

**POLS 2301 Texas State and Local Government (3-3-0) [#]** A course in American state and local government. Emphasis is given to the government and constitution of Texas. *Fall, Spring*

**POLS 2302 Major World Governments (3-3-0)** The leading governments of the western world in contrast with each other and with the government of the United States. A fundamental course. *Fall*

**POLS 3099 (1-4 credits) Special Topics**-Topics offered on demand reflecting subject areas, trends, and developments within the field not covered by existing catalog courses. May be repeated for credit with change of topic.

**POLS 3302 International Relations (3-3-0)** A fundamental international relations course. Takes into consideration historic institutions and current practices in international relations. *Spring*

**POLS 3303 Principles of Public Administration (3-3-0)** Principles of administrative organization and procedure, and the investigation of special problems in administration. *Spring*

**POLS 3320 Introduction to Christian Political Theology (3-3-0)** (Also THEO 3320) A survey of Christian political thought. The course will trace key developments in the history of Christian political theology in order to understand better the dynamics of contemporary Christian political thought and activity. *Prerequisites: THEO 1331 or consent of the instructor.*

**POLS 3322 US Foreign Policy (3-3-0)** Course explores how US foreign policy is made and surveys current US foreign policies by topic and area of the world. Note: Does not satisfy Social Science requirement in Foundational Curriculum. *Fall*

**POLS 3324 Political Theory (3-3-0)** The political philosophies and writings of the Greeks and other classical thinkers from Plato to the writers of the eighteenth century provide the content of this course. A basic history course in western legal and political thought. Note: Does not count for Foundational Curriculum Credit, *Fall*

**POLS 3370 Model UN (3-3-0)** (Also LDSP 3370) An overview of the United Nations, including its origins, development, structure, charter, role in international relations, and the

functions of the six principle organs. Emphasis is given to participation and competition in Model UN conferences. *Participation of the instructor required. Note: Does not satisfy Social Science requirement in Foundational Curriculum. Fall, even years*

**POLS 4099 (1-4 credits) Special Topics** Subject to the approval by the Head of the Department, advanced students in political science may enroll for one to three hours of directed study according to need and nature of work. May be repeated for credit with change of topic.

**POLS 4300, 4600, 4900 Political/ Internship** (Also LGLS 14300, 4600, 4900) Internships in local, state, and national affairs and policies under supervision of an instructor. The student will be placed with an appropriate public or private agency. *Prerequisite: POLS 1302, 2301, an approved 3399 and junior standing.*

**POLS 4306 Constitutional Law: Liberties and Rights (3-3-0)** (Also LGLS 4306) A study of United States constitutional law with basic cases concerning civil liberties and rights. Topic areas may include freedom of religion and speech; privacy, equal protection and due process issues; criminal procedures, and cruel and unusual punishment. This is a continuation of POLS 4316; however it may be taken independently of that offering. *Spring, even years*

**POLS 4309 Terrorism and Homeland Security (3-3-0)** (Also CRIJ 4309) This course examines terrorism, counter-terrorism and individual rights in the United States since September 11<sup>th</sup>. In addition, this course will encompass a detailed study of terrorism, counter-terrorism, terrorist personalities, and terrorist groups, including types, tactics, and trends on a world-wide scale as well as domestically. This course also examines the issues of prevention, civil liberties, nation building and Homeland Security. *Elective. Prerequisite: CRIJ 1301. Spring, even years.*

**POLS 4312 Politics of Muslim Countries (3-3-0)** Course surveys the governments and politics of Muslim majority countries with special attention to the role of Islam in public life. Note: Does not satisfy Social Science requirement in Foundational Curriculum. *Spring*

**POLS 4316 Constitutional Law: Powers (3-3-0)** (also LGLS 4316) A study of United States constitutional law with basic cases concerning presidential power, congressional power, federalism, taxing and spending powers, and interstate and foreign commerce powers. *Spring, odd years*

**POLS 4380 Capstone (3-3-0)** Research seminar requiring students to apply the approaches and methods from the discipline to a significant issue in government, law, or politics. Students also complete a comprehensive exam needed to assess the major. Note: Does not satisfy Social Science requirement in Foundational Curriculum. *Spring*

## PSYCHOLOGY (PSYC)

**PSYC 1301 Introduction to Psychology (3-3-0) [#]** An overview of the scientific aspects of psychology with emphasis on learning, perception, motivation, physiology, human development and the philosophy of science. Fall, Spring.

**PSYC 2099 (1-4 credits) Special Topics**-Topics offered on demand reflecting general interest areas within the field not covered by existing catalog courses.

**PSYC 2300 Life Span Development (3-3-0) [#]** An introduction to developmental psychology. The course will present a view of the entire life span, with special emphasis on child and adolescent foundations of the entire life sequence. *Prerequisite: PSYC 1301 or Instructor consent. Spring, Fall*

**PSYC 3099 (1-4 credits) Special Topics** Topics offered on demand reflecting subject areas, trends, and developments within the field not covered by existing catalog courses. *Prerequisite: PSYC 1301.*

**PSYC 3301, 4301 Directed Study** An opportunity for a major or minor in psychology to investigate an area of special interest. May include field observation, field training, papers, readings, etc. *Prerequisite: 12 hours in psychology and permission of the Department Head. Field studies or*

*placement must include a supervisor in the agency. May be repeated for credit with change of topic.*

**PSYC 3302 Psychology of Learning (3-3-X)** A broad view of the field including classical, operant, and verbal learning. Applications of principles to applied areas in clinical and research psychology are covered. This course is for psychology majors and minors and other students interested in the topic. This course will not count toward teacher certification; for certification see PSYC 3333. *Prerequisite: PSYC 1301. Spring*

**PSYC 3303 Abnormal Psychology (3-3-0)** An examination of the field of abnormal psychology including disorders utilizing the DSM IV nomenclature. Historical background, philosophical and ethical issues, psychological and social viewpoints, causes and treatments of abnormal behavior are examined. *Prerequisite: PSYC 1301. Fall, Spring*

**PSYC 3306 Child and Adolescent Psychology (3-3-0)** An in-depth coverage of the basic developmental processes and principles of psychological functioning in physiological, cognitive, social, and personality spheres occurring from conception through adolescence. *Prerequisite: PSYC 1301. Fall*

**PSYC 3307 Human Sexuality (3-3-0)** An introduction and overview of the many aspects of human sexuality including the psychology, philosophy and physiology of sexuality. *Summer, Spring*

**PSYC 3308 Introduction to Research Methods in Psychology (3-3-0)** An examination of the foundations of research methodology. This course will provide students with a concise knowledge base for experimental and non-experimental techniques as well as training in appropriate statistical analysis for various research designs. SPSS data analysis training will include descriptive, inferential, and correlational statistics. *Prerequisite: PSYC 1301. Fall*

**PSYC 3309 Advanced Research in Psychology (3-3-0)** This course will provide students with an advanced research experience. Students will conduct, analyze, and interpret the results of a research project. *Prerequisite: PSYC 3308 or consent of instructor. Spring.*

**PSYC 3310 Substance Abuse (3-3-0)** An overview of biological, psychological and social factors that influence an individual's drug use and/or abuse behavior. Current major drug categories are covered in this survey course, including prescription and over-the-counter medications. Treatment options are also discussed, as well as the impact drug abuse has on the individual and their family. *Spring.*

**PSYC 3312 Psychological Statistics (3-3-0)** (Also MATH 3312) Descriptive and inferential statistics for students in education, social science, and natural science as well as in mathematics. Topics to be discussed will include measures of central tendencies, probability, estimations and predictions, variance and correlation. May be counted toward a mathematics major or minor only by students seeking teacher certification in mathematics or by students who are minoring in mathematics on the BBS degree. This course does not fulfill the foundational curriculum mathematics requirement. *Students must have a TI-30 (or equivalent) calculator. Prerequisite: MATH 1420 for MATH 3312; MATH 1301 or 1310 for biology, psychology, or sociology credit. Spring, Summer*

**PSYC 3333 Educational Psychology (3-3-X)** (Also COHD 3333) For teacher education majors only. This course will give students the opportunity to critically examine theory and research related to the process of learning. Students will utilize various strategies of exploration, observation, discussion, and problem solving to enhance their understanding of learners, the learning process, and the learning environment. Students will complete a fifteen hour field experience activity as part of the course requirements. *Fall, Spring.*

**PSYC 3335 Psychology of Crime (3-3-0)** An examination of diverse theories of criminal behavior with an emphasis on biological, psychological, and sociocultural perspectives. Various approaches to intervening with offenders based upon these perspectives are also emphasized. The effects of



criminal behavior on the individual, the family, and the larger society are also examined. Prerequisite: PSYC 1301 every other fall.

**PSYC 3337 Adult Development and Gerontology (3-3-0)** A study in adult personality development through the completion of the life cycle, this course includes the psychological, physiological, and emotional phenomena associated with aging. Prerequisite: PSYC 1301. Spring

**PSYC 3340 Social Psychology (3-3-0)** (See SOCI 3340 for course description.) Fall

**PSYC 4099 (1-4 credits) Special Topics** Topics offered on demand reflecting subject areas, trends, and developments within the field not covered by existing catalog courses. Prerequisite: PSYC 1301.

**PSYC 4101, 4102, 4103 Directed Research I, II, III** These courses offer qualified students an opportunity to develop, conduct, and write an individual or small group research project and paper in psychology. Students will have the opportunity to submit papers for publication and presentation. Qualified students will be admitted based on academic record, career and graduate school goals and potential for completion of research. In PSYC 4101, students will identify a research question and make significant progress toward completion of the necessary literature review for the project. 4102 will involve research design, methodology and collection of data. 4103 will require completion of the project including statistical analysis, final paper production and presentation of findings. Prerequisite: Instructor approval.

**PSYC 4310 Personality: Theories and Disorders (3-3-0)** A survey of the major contemporary theories of personality and personality disorders, examining both theories and individual, group, and systematic treatment strategies. Prerequisite: PSYC 1301. Spring

**PSYC 4315 Psychological Testing (3-3-0)** An intensive course providing the student with exposure to psychological tests of intelligence, aptitude, interest, personality, forensics and religious values. Validity, reliability and ethical use of tests will be addressed. Provides students with background in testing necessary for advanced degrees in psychology and other fields. Prerequisite: PSYC 1301. Spring

**PSYC 4321 Psychological Counseling (3-3-0)** A survey of major approaches to counseling. Attention is given to theory, application, and basic research findings. Recommended for persons working in areas involving human relations and helping skills. Prerequisite: PSYC 1301. Fall

**PSYC 4335 History, Systems, and Philosophy of Psychology (3-3-0)** The capstone course required for all majors. It is to be taken the last spring semester before graduation and includes a comprehensive exam, research paper with oral presentation, and senior exit survey. Content focuses on: emergence of modern psychology from the other sciences and philosophy; development of contemporary systems of psychology in American and Europe, with emphasis on historical and systematic development and the conceptual and methodological bases for the major systems of psychology. This course is accepted by the Department for meeting the technological competency requirement. Prerequisite: PSYC 1301, Senior Psychology majors and minors only. Spring

**PSYC 4340 Psychology of the Family (3-3-0)** An overview of the field of marital and family relations: includes basic systems concepts, family life cycle, aspects of healthy marriages and family life, and major theoretical approaches and interventions in marital and family therapy. Prerequisite: PSYC 1301. Fall

**PSYC 4350 Integration of Psychology and Christian Theology (3-3-0)** An examination of the process, content and models for integrating psychology and theology by re-appraising such issues as human nature, personal development, social relationships, psychopathology and therapy in the light of both psychological theory and Christian doctrine. Prerequisite: PSYC 1301 and either PSYC 2300 or 3306. May term

**READ 1301 Reading Improvement (3-3-0)** This is a course designed to enable adult readers to maximize their ability to read college-level materials. Primary focuses are comprehension, integration and transfer of information, learning strategies, and techniques to increase reading speed. Fall.

**READ 2099 (1-4 credits) Special Topics** A special interest course focusing upon selected topics not otherwise treated at this level of study. May be repeated for credit when topic varies. These courses will not apply for professional education credit.

**READ 3360 Beginning Literacy Development (3-3-0)** An introductory reading course informing students of research based approaches focusing on emergent literacy with a strong emphasis on phonological and oral language development. Authentic experiences include collaborative and individual assignments, along with developing literacy-based lessons, which reflect elements of word analysis, decoding, and the alphabetic principle. Fall, Spring, May

**READ 3362 Reading Instruction for Adolescent Students (3-3-0)** A survey-reading course intended to introduce students to the reading process with an emphasis on comprehension. Reading strategies designed to increase adolescent comprehension of text within the context of a typical classroom will be covered. Young adult literature with applications to multiple content areas will also be included. Fall, Spring.

**READ 3364 Developing Comprehension and Inquiry Skills (3-3-0)** This course focuses on the continuum of reading comprehension skills and instructional practices that enhance the development of reading fluency for grades EC-8. Instructional strategies designed to promote students' acquisition and use of study and inquiry skills across the curriculum will be included. Prerequisite: READ 3360. Fall, Spring.

**READ 3388 Child and Adolescent Literature (3-3-0)** In this introductory children's literature course, current and traditional representations of various genre appropriate for grades EC-8 will be read and studied with a focus on evaluation of literature with opportunities to become familiar with a wide variety of books. Rationale, methods and activities to teach curriculum with children's literature will be included. Authentic experiences will include analyzing, evaluating, and producing visual images, messages, and meaning. Fall, Spring

**READ 4099 (1-4 credits) Special Topics** A course designed to meet the needs of school personnel in any given area who wish further preparation in their field. The seminar may be set up for one, two or three semester credits. The area of subject covered in the seminar shall be included parenthetically following the title. The course may be repeated for credit if areas of study are different.

**READ 4392 Organization and Materials for Reading (3-3-X)** Students will use knowledge of current research based reading strategies to design reading curriculum to teach the English Language Arts and Reading Texas Essential Knowledge and Skills (TEKS). Curriculum plans will be implemented in a local school setting. Study of compensatory programs for struggling reader. Prerequisite: EDUC 3338; READ 3360, 3364, 4393. Fall, Spring

**READ 4393 Reading Assessment and Intervention (3-3-0)** This course develops a comprehensive understanding of a variety of formal and informal assessments for the pre-service teacher. Intervention strategies that focus on comprehension, fluency, vocabulary, writing and spelling will be taught. Theory and well-researched effective teaching practices are interwoven throughout the semester to provide the student with a strong theoretical basis for assessing, designing, and implementing instruction to meet instructional literacy needs of students grades 2 – 8. Prerequisites: READ 3360. Fall, Spring

**READ 4394 Reading Practicum (3-3-0)** Directed learning experiences that allow students to apply, plan, and implement literacy strategies will be taught. Student will develop reading plans for a child based on the child's individual strengths and needs. Use of media, formal/informal assessments,

language/literature activities, and effective communication with the child and the parents will provide the students opportunities for creating a rich literary context for a child.

*Prerequisite: READ 4393, 3364. Fall, Spring, Summer*

**READ 4395 Reading for Diverse Cultures (3-3-0)**

Knowledge of the major cultures in Texas and cultural diversity in the United States is used to strengthen multiculturalism and global perspectives. Emphasis will be placed on understanding cultural and socioeconomic differences for instructional planning *Prerequisite: READ 3360. Fall, Spring*

**READ 4397 Introduction to the Advanced or Gifted Learner (3-3-0)**

A comprehensive study of the purposes, objectives and practices of gifted education. Both theoretical and practical issues will be considered with particular emphases on the nature and needs of advanced or gifted learners, the identification and assessment of gifted learners, and procedures designed to meet reading needs across the curriculum for advanced or gifted students. *Prerequisite: EDUC 3334, READ 3360, 3364. Fall, Summer*

**READ 4398 Capstone Course: The Reading Professional (3-3-0)**

Students will review & apply the State Board for Educator Certification (SBEC) approved standards in reading & writing. The course will include implementing the writing workshop in a public school classroom & ESL standards in the context of students' cumulative knowledge of literacy theory. *Prereq.: 3360, 3364, 4393. Fall, Spring*

**SCIENCE - INTEGRATED (SCIE)**

**SCIE 2410 Integrated Science I (4-3-2)** This course presents the application of the scientific method in the biological and geological sciences at the introductory level. Includes a survey of the animal and plant kingdoms, as well as a basic introduction to stratigraphy and earth sciences, and meteorology. Designed for early childhood - grade six education majors. Emphasis is placed on learning the basic science necessary to teach children. This course will not satisfy university core science credit except for elementary education majors. *Prerequisites: Degree plan for early childhood-grade six education majors and sophomore classification. Fall*

**SCIE 2411 Integrated Science II (4-3-2)** This course presents the application of the scientific method in chemistry, physics and astronomy at the introductory level. Includes a survey of basic chemical reactions and their application to everyday living; basic laws of physics and application to simple machines and tools, and an introduction to our solar system. Designed for early childhood - grade six education majors. Emphasis is placed on learning the basic science necessary to teach children. This course will not satisfy university core science credit. *Prerequisites: Degree plan for early childhood - grade six education majors and sophomore classification. Spring*

**SOCIAL WORK (SCWK)**

**SCWK 1350 Introduction to Social Work (3-3-X) [#]** An introduction to the profession of social work and its relationship to the institution of social welfare. Emphasis is placed on common human needs and problems as the nature and range of current social work practice is examined. The historical development and professionalization of social work is studied as well as an overview of current social welfare programs. Students are required to do 30 hours of Community Volunteer Work during the semester. *Does not satisfy foundational curriculum requirements. Spring and Fall.*

**SCWK 2099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the department listing. May be repeated for additional credit when the topic varies. *Prerequisite: SOCI 1301 and SCWK 2303 or consent of instructor.*

**SCWK 2303 Social Work Practice I (3-3-0)** Clarification of the interview process and development of specific skills, competencies, and concepts for interviewing. Focus is on developing basic skills of the interview, including listening, influencing and structuring an effective session. A lab

experience is provided for skill building in conducting an interview. Content includes integration of ethical and multicultural issues in practice. Students are required to do 30 hours of Community Volunteer Work during the semester. *Prerequisite: SCWK 1350, COMM 1301.*

**SCWK 2360 Human Behavior and Social Environment I (3-3-0)**

An examination of the social systems approach to understanding human behavior within families, groups, organizations, and communities. Particular focus will be on the relationship among biological, social, psychological, and cultural systems as they affect and are affected by human behavior. *Prerequisite: SOCI 1301, SCWK 1350. Spring*

**SCWK 2365 Human Behavior and Social Environment II (3-3-0)**

An examination of the development of the individual throughout the life span. Focus will be on the biological, psychological, and cognitive development of the individual interacting with societal and cultural groups. *Prerequisite: PSYC 1301, Fall*

**SCWK 3099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the department listing. May be repeated for additional credit when the topic varies. *Prerequisite: SOCI 1301 and SCWK 2303 or consent of instructor.*

**SCWK 3310 Applied Ethics and Social Justice Issues (3-3-0)**

A study of applied ethics guiding professional practice through the exploration of social justice issues facing the criminal justice and social work professions. An examination of the standards, codes of conduct and professional responsibilities for both fields is conducted. The focus of this course is on the resolution of ethical conflicts and making ethical decisions through application of ethical principles, standards and strategies of ethical reasoning. *Prerequisites: PHIL 2335 for ETHC 3310, CRIJ for CRIJ 3310, SCWK 1350 for SCWK 3310. As needed*

**SCWK 3320 Child Welfare Services (3-3-0)** A general study of social work services designed to enhance the welfare of children. Emphasis is on societal problems which cause problems for children and on the activities and programs which provide services to deal with those problems. *Prerequisite: SCWK 2360, 2365 or consent of instructor.*

**SCWK 3360 Social Welfare System Policy and Services I (3-3-0)**

An examination of the institution of social welfare and of how it meets social goals. The principle focus is on the history and development of social welfare services, as well as the central figures that have played a crucial part in its development. A thorough analysis of current programs will be included as well as the economic and political influences upon them. *Prerequisite: SCWK 1350. Fall*

**SCWK 3365 Social Welfare Policy II (3-3-0)** Examination of how the institution of social welfare meets social goals. Analysis of economic and political processes that impact on the social welfare system. Conceptual schemes are developed for analyzing the structure of social welfare systems with attention given to overcoming patterns and consequences of discrimination and oppression. *Prerequisite: SCWK 1350. Spring*

**SCWK 3370 Social Work Practice II (3-3-0)** An examination of the knowledge, values, and skills basic to the generalist practice of social work. Students utilize an understanding of the social work process to develop skills in problem solving with individuals, families, and groups. A lab experience is provided for skill building and evaluation opportunities. *Prerequisite: COMM 1301, SCWK 1350, 2303, 2360, 2365; restricted to majors with formal admission to the program. Fall*

**SCWK 3375 Social Work Practice III (3-3-0)** A continuation of SCWK 3370, including further application of the generalist method of problem solving with micro and macro systems. Students utilize an understanding of policy, human behavior and the social environment, and research to develop a framework for practice. A lab is provided to refine practice and evaluation skills. *Prerequisite: SCWK 3370; restricted to majors with formal admission to the program. Spring*

**SCWK 3380 Social Research Methods (3-3-0)** (Also SOCI 3380) Introduction to the methods of scientific inquiry and their relevance to the social sciences. Topics include research



design, problem formulation, measurement, data analysis, and ethics in research. Fundamentals of analyzing research reports will be emphasized. *Prerequisite: SOCI 1301. Spring.*  
**SCWK 4099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the department listing. May be repeated for additional credit when the topic varies. *Prerequisite: SOCI 1301, 2302 and 6 advanced hours or consent of instructor.*

**SCWK 4190 Senior Research Seminar I (1-1-0)** A course for seniors to demonstrate mastery of the professional social work foundation and prepare them to evaluate their own practice through a major integrative assignment. This course requires the student to select a suitable research topic and complete a literature review. *Taken concurrently with SCWK 4450. Prerequisite: SCWK 3380, 3375 and consent of instructor. Restricted to majors with formal admission to the program. Fall*

**SCWK 4290 Senior Research Seminar II (2-2-0)** A course for seniors to demonstrate mastery of the professional social work foundation and prepare them to evaluate their own practice through a major integrative assignment. This course requires the student to follow up on the literature review from SCWK 4190 by designing and executing the research project. *Taken concurrently with SCWK 4552. Prerequisite: SCWK 4190 and consent of instructor. Restricted to majors with formal admission to the program. Spring.*

**SCWK 4360 Health Care Issues in Society (3-3-0)** (Also SOCI 4360) General study of issues related to health care. Attention is given to analyzing major health policy issues, adaptation of social work theory to health care settings, with emphasis on principles and skills used in the helping process. Particular focus will be on understanding psychosocial and cultural dimensions of the patient role emphasizing the impact of illness on individual/family system. *Prerequisite: SOCI 1301 or consent of instructor.*

**SCWK 4370 Aging in Society (3-3-0)** (Also SOCI 4370) A survey of the various social issues facing aging people. Special attention will be given to how social work and social welfare provide services to this population group. Specific issues covered will include health, abuse, income security, and day care, as well as current sociological research on aging. *Prerequisite: SOCI 1301 or consent of instructor.*

**SCWK 4450 Field Instruction I (4-1-X)** Fourteen hours per week for fifteen weeks of field instruction supervised by a professional social worker in a local agency, providing the student an opportunity to implement knowledge learned in previous courses. Emphasis is on developing skills in human service, as well as learning structure, function, and policies of social work agencies. Students will also spend 1 1/2 hours each week in an on-campus seminar to further integrate class and field learning. *Prerequisite: SCWK 3375; restricted to majors with formal admission to the program. Fall*

**SCWK 4552 Field Instruction II (5-1-X)** Second field instruction course consisting of sixteen hours per week for fifteen weeks under the supervision of a professional social worker in a local agency. Course helps to strengthen the development of specific practice skill areas, and the use of self. A deeper consideration of values and social issues is emphasized. A 1 1/2 hour weekly on-campus seminar designed to further integrate class and field learning is provided. *Prerequisite: SCWK 4450; restricted to majors with formal admission to the program. Spring*

## **SOCIOLOGY (SOCI)**

**SOCI 1300 Introduction to Marriage and Family (3-3-0)[#]**  
 A practical course designed to provide guidance for marriage and family life. Consideration is given to the cultural, biological, psychological, religious, and economic foundations for marriage and family. Some of the topics that will be explored include mate selection, sexuality, marriage, child-rearing, family finances, family conflict, and divorce.

**SOCI 1301 Introduction to Sociology (3-3-0) [#]** An introduction to the field; a survey of society, in which social institutions, social processes, and patterns of social

interaction are studied and related to contemporary life. *Fall, Spring*

**SOCI 2099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the department listing. May be repeated for additional credit when the topic varies. *Prerequisite: SOCI 1301 or consent of instructor.*

**SOCI 2302 Social Problems (3-3-0) [#]** Survey of selected social problems in modern society from the point of view of their causes and constructive methods of treatment and prevention. *Prerequisite: SOCI 1301 Fall*

**SOCI 3099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the department listing. May be repeated for additional credit when the topic varies. *Prerequisite: SOCI 1301 or consent of instructor.*

**SOCI 3301, 4301 Directed Studies** An opportunity for a student to investigate an area of special interest on a basis outside the normal setting of a classroom. *Prerequisite: SOCI 1301.*

**SOCI 3303 Cultural Diversity (3-3-0)** A practical course designed primarily for non-majors and minors who are interested in learning more about various social groups in American society; examples are: racial, ethnic, gender, religious, physically challenged, and other groups that are represented on campus and in the workplace. *Fall (odd years.)*

**SOCI 3312 Statistical Methods (3-3-0)** (See also MATH 3312.) Descriptive and inferential statistics for students in education, social science, and natural science as well as in mathematics. Topics to be discussed will include measures of central tendencies, probability, estimations and predictions, variance and correlation. May be counted toward a mathematics major or minor only by students seeking teacher certification in mathematics or by students who are minoring in mathematics on the BBS degree. This course does not fulfill the foundational curriculum mathematics requirement. *Students must have a TI-30 (or equivalent) calculator. Prerequisite: MATH 1420 for MATH 3312; MATH 1301 or 1310 for biology, psychology, or sociology credit. Spring, Summer*

**SOCI 3320 Sociology of Sport (3-3-0)** Study of the structural and cultural relationship of sport to society. Consideration will be given to the historical development of sports in the U.S., with a special emphasis on the importance of gender, race/ethnicity, and social class as they relate to sports. Current issues and problems will be addressed. *Prerequisite: SOCI 1301 or consent of instructor. Spring (even years)*

**SOCI 3331 Urban Sociology (3-3-0)** This course is an introduction to the sociological study of the urban landscape, with a particular focus on the United States. The focus will be on conceptual and theoretical issues associated with the sociological study of the city, an historical understanding of the processes of urbanization and suburbanization, and issues relevant to the challenge of building livable and sustainable cities. *Prerequisite: SOCI 1301 or consent of instructor. Spring.*

**SOCI 3340 Social Psychology (3-3-0)** Study of objective factors, which integrate personality and response in a social environment. *Prerequisite: SOCI 1301 or PSYC 1301. Fall.*

**SOCI 3360 Sociology of Religion (3-3-0)** This course examines religion from the sociological perspective. Religious institutions, dimensions of religious behavior, the measurement of religious behavior, and the relationship of religion to other institutions in society are examined. *Prerequisite: SOCI 1301 or consent of instructor. Fall*

**SOCI 3380 Social Research Methods (3-3-0)** (See SCWK 3380 for course description) *Prerequisite: SOCI 1301. Spring.*

**SOCI 4099 (1-4 credits) Special Topics** Study of special interest topics not found elsewhere in the department listing. May be repeated for additional credit when the topic varies. *Prerequisite: SOCI 1301 and three advanced hours or consent of instructor.*

**SOCI 4312 Violence and Victimology (3-3-0)** (Also CRIJ 4312) A study of violent behavior and the role of victimology in the criminal justice system. Sociological and psychological perspectives help to create a coherent approach relating to

violent crime (domestic abuse, sexual assault, child maltreatment, elder abuse, robbery and homicide), patterns of violent offending, and the demographics of victimization as well as victim-offender relationships. This course also focuses on the ways in which violence is defined and techniques used to confront offenders of violent behavior within the criminal justice system. *Prerequisite: CRIJ 1301 or SOCI 1301 Fall (even years)*

**SOCI 4320 The Family and Postmodern Film (3-3-0)** This class examines how the American family has been portrayed in American films during the transition from a modern to a postmodern society. Family theories will be the basis of analysis as we observe family structure, gender roles, sexual behavior, issues of race/ethnicity, social class, family values, family crisis, and family violence as portrayed in these films. *Prerequisite: SOCI 1301, May term.*

**SOCI 4340 Sociology of Marriage and Family (3-3-0)** The family as a social institution and a cultural universal is studied in depth in the light of changing family patterns. Special consideration will be given to the structural and cultural underpinnings of both contemporary American families and families around the world. *Prerequisite: SOCI 1301 or consent of instructor. Spring (odd years)*

**SOCI 4351 Crime and Delinquency (3-3-0)** Study of the nature of crime and crime causation. Effects of crime on social order and institutions. Focus is on criminal behavior: its causes, treatment, and prevention. *Prerequisite: 6 credits of sociology or criminal justice or consent of instructor. Prerequisite: 6 credits of sociology or criminal justice or consent of instructor. Spring and Summer.*

**SOCI 4353 Race, Class, and Gender (3-3-0)** The primary purpose of this course is to study how the intersections of race, class, and gender shape American society. The course begins with an examination of race, class, and gender as sociological concepts, with the purpose of using this framework to analyze and interpret contemporary issues and social problems. At the same time, the course introduces students to the experiences of diverse groups in the United States and shows how race, class, and gender together shape these experiences. *Prerequisite: SOCI 1301 or consent of instructor. Fall (even years).*

**SOCI 4360 Health Care Issues in Society (3-3-0)** (Also SCWK 4360) General study of issues related to health care. Attention is given to analyzing major health policy issues, adaptation of social work theory to health care settings, with emphasis on principles and skills used in the helping process. Particular focus will be on understanding psychosocial and cultural dimensions of the patient role emphasizing the impact of illness on individual/family system. *Prerequisite: SOCI 1301 or consent of instructor. Spring (even years).*

**SOCI 4370 Aging in Society (3-3-0)** (Also SCWK 4370) A survey of the various social issues facing aging people. Special attention will be given to how social work and social welfare provide services to this population group. Specific issues covered will include health, abuse, income security, and day care, as well as current sociological research on aging. *Prerequisite: SOCI 1301 or consent of instructor. Spring (odd years)*

**SOCI 4380 Sociological Theory (3-3-0)** This course is a survey of classical and contemporary sociological theories, with special emphasis on important intellectual movements and key individuals in both European and American sociology. This course is designed to enhance students' theoretical and critical thinking skills as well as to expose them to some of the main structural, philosophical, and thematic issues important to the field of sociology. *Prerequisite: SOCI 1301 or consent of instructor. Spring (odd years).*

**SOCI 4381 Internship (3-0-X)** Internships are open to sociology majors with junior standing and a GPA of 2.5 or above. They are intended to give students practical and sociologically relevant work experience, allowing them to try out a field in which they might wish to work upon graduation. Internships require a minimum of 100 hours of work, with an organization or business approved by the student's advisor.

**SOCI 4390 Senior Seminar in Sociology (3-3-0)** This capstone course ties together the various components in the Sociology Major and prepares graduates for work or graduate school. Students will develop a project that demonstrates their grasp of sociological concepts, theories, and methods. This seminar should be taken after students have completed 24 hours of sociology. *Prerequisite: SOCI 1301, SOCI 2302, SOCI 3312, SOCI 3380, and SOCI 4380. Spring.*

#### SPANISH (SPAN)

**SPAN 1401, 1402 Elementary Spanish I, II (4-3-2) [#]** Pronunciation, grammar, conversation, and the reading of simple prose. One hour language laboratory per week. *Prerequisite for 1402: 1401 or equivalent. Fall, Spring, Summer*

**SPAN 2301, 2302 Intermediate Spanish I, II (3-3-0) [#]** Grammar review, composition, oral practice, and selected readings. 2301 - Fall, Summer; 2302 - Spring, Summer. Must be taken in order. *Prerequisite: SPAN 1402 or equivalent.*

**SPAN 2303 Introduction to Professional Spanish (3-3-0) [#]** A second-year language course with varying professional interests emphasized such as Missions, Business, Medical Personnel, etc. It may be substituted for SPAN 2302. *Prerequisite: SPAN 1401, 1402, 2301 or consent of instructor. Spring only.*

**SPAN 3099 (1-4 credits) Special Topics** A special interest course offered at the junior level for one, two, or three credits. Study of special interest not listed elsewhere in the catalog. May be repeated if topics vary. Offered as needed.

**SPAN 3311 Spanish Communication (3-3-0)** The development and practice of oral and aural communication in Spanish. Emphasis is placed on current usage and pronunciation in spoken Spanish. This course is not open to native Spanish-speaking students without permission of the Head of the Foreign Language Department. 12 hours lab required for semester. *Prerequisite: SPAN 1401, 1402, 2301, 2302 or equivalent. Fall.*

**SPAN 3320 Introduction to Hispanic Literature (3-3-0)** A study of less difficult selections in the fields of Spanish and Spanish American literature. Included will be examples from various genres. *Prerequisite: 4 semesters of Spanish or permission of instructor. Fall (odd years)*

**SPAN 4099 (1-4 credits) Special Topics** A special interest course offered for one, two, or three credits. Study at the advanced level of special-interest topics not listed elsewhere in the catalog. Topics may include Advanced Conversational Spanish, Professional Specialized Spanish, Literary Criticism, Chicano Literature, Cervantes, Hispanic Civilization, or a selected major epoch or selected genre from the Hispanic World. May be repeated if topics vary. *Offered as needed.*

**SPAN 4140 Advanced Skills (1-0-X)** A lab based class in which students practice and advance at their own pace to strengthen oral/aural, reading and written Spanish skills. May be repeated twice for credit. Required for all EC-12 Spanish Education majors; other Spanish majors may also take the class. *Prerequisite: 1401, 1402, 2301, 2302, 3311 or permission of instructor.*

**SPAN 4240 Seminar in Pedagogy and Contextualized Readings (2-2-X)** Addresses issues unique to teaching LOTE (Language other than English- Spanish) and/or analysis of Contextualized Readings in Spanish. Required for all EC-12 Spanish Education majors; other Spanish majors may also take the class. *Prerequisite: 8 courses in Spanish or permission of instructor.*

**SPAN 4302 Advanced Spanish Communication (3-3-0)** Advanced practice in oral communication. The development of advanced-level oral/aural skills. *Prerequisite: SPAN 3311 or permission of the instructor. Spring (even years)*

**SPAN 4311 Advanced Spanish Grammar (3-3-0)** The writing of themes, practice in grammar and idioms, and everyday conversations. *Prerequisite 1401, 1402, 2301, 2302 or equivalent. Spring (even years)*

**SPAN 4312 Spanish Linguistics (3-3-0)** A study of phonology, phonetics, and morphology of Spanish contrasted

with English. *Prerequisite:* 1401, 1402, 2301, 2302 or equivalent. *Fall (even years)*

**SPAN 4320 Hispanic Literature** A survey of instructor's choice of Spanish or Latin American literature with emphasis on literary periods and examples from various genres. May be repeated as topics change. *Prerequisite:* SPAN 2302 or consent of the instructor. *Spring (odd years). May be taken for credit more than once depending on emphasis.*

**SPAN 4330 Hispanic Civilization (3-3-0)** Development of Iberian, Ibero-American, and Mexican-American civilization, as seen through language changes, literatures, arts, and more.. *May be taken for credit more than once depending on emphasis. Prerequisite:* 1401, 1402, 2301, 2302 or equivalent or permission of instructor.

**SPAN 4337 Capstone Course** Encapsulation of major components of the Spanish major, including but not limited to literature, language, culture, oral proficiency, writing proficiency, and/or methodology. Emphasis of the course may vary. *Prerequisite:* 6 courses in Spanish or consent of the instructor. *Every semester*

### THEATRE (THEA)

**THEA 1131, 1132, 1133, 1134 Theatre Workshop (1-0-X) [#]** A production laboratory. A minimum of 30 laboratory hours is required. Workshop hours may be taken in conjunction with Theatre Lighting, Costume Design, Scene Design, and Theatre Management courses. It is recommended that the Workshop relating to each course be taken the semester following that course offering. Workshops may be repeated in different areas for elective credit. *Fall, Spring*

**THEA 1301 Theatre Appreciation (3-3-0)** A beginning course in theatre for the general student population. The objective of the course is to create an appreciation for the art of live theatre. Lectures will include demonstrations and performances by local professionals. Students will also attend local performances of plays, musicals, operas, and ballets. Students will write critiques, keep a journal of these performances & participate in class discussions. An elective for theatre majors & minors. *Fall, Spring*

**THEA 1333 Introduction to Theatre (3-3-0) [#]** Survey of the arts of theatre including history, production, design, literature, aesthetics, criticism, and theatre practice. The course does include actual performance experiences and is designed for theatre majors and minors. *Fall*

**THEA 2099 (1-4 credits) Special Topics** A special interest course focusing on selected topics not otherwise offered at this level. Example topics include Shakespearean Acting and stage movement. May be repeated for credit as topic varies.

**THEA 2111,3111,4111 Voice, Diction & Dialects (1-1-X)** A course designed to develop and strengthen the actors natural voice into a creative, expressive vocal instrument. Each course may be repeated for credit. *Not to be taken for Foundational Curriculum in Fine Arts. Fall / Spring*

**THEA 2112,3112,4112 Theatrical Choreography/Dance (1-1-X)** Preparation and execution of basic movement exercises, ballet, jazz, tap and modern dance and their application to movement and choreography for musical theatre and other theatre productions. Each course may be taken twice. *Not to be taken for Foundational Curriculum in Fine Arts. Fall / Spring*

**THEA 2312 Movement for the Actor (3-3-0)** A course enabling the student actor, through exercises, improvisation, merging text with movement, and other techniques, to develop the awareness of the body as an expressive medium by which he/she will be able to effectively communicate truthfully to an audience. Students will train using the Alexander Technique, the Laban method, and Yoga. *Odd Spring Semesters*

**THEA 2334 Acting I (3-3-X) [#]** Basic theory and technique of acting, including improvisation, movement, approach to character development, and scene preparation in a performance-oriented class. *Fall*

**THEA 2335 Stagecraft (3-2-X) [#]** An analysis of the organizational and technical aspects of producing the play. Design and construction techniques of scenery, costumes,

make-up, and props are examined, relating to style in play production. Students are required to participate in production crews throughout the semester, which are separate from the lecture class time. *Spring*

**THEA 2337 Stage Management** Examination of the artistic principles and techniques of the theatrical stage management. Lab Is required outside of the regular class period. *Spring.*

**THEA 3099 (1-4 credits) Special Topics** A study of significant topics in theatre. Course content may vary. May be repeated as topic varies. *Prerequisite:* consent of instructor.

**THEA 3336 Theatre Mask and Make-Up (3-3-X)** Examination of the artistic principles and techniques of theatrical make-up and mask making, incorporating research into the historical uses of masks and make-up in global cultures. Lab hours required outside of the regular class period. Not to be taken for Foundational Curriculum in Fine Arts. *Spring.*

**THEA 3337 Theatre Lighting (3-3-X)** Examination of the artistic and practical considerations in the design and execution of stage lighting. Minimum of 42 laboratory hours required. *Prerequisite:* THEA 1333 or 2335. *Fall*

**THEA 3338 Costume Design (3-3-X)** Examination of the history, design, and execution of costumes for the stage. Minimum of 42 laboratory hours required. *Prerequisite:* THEA 1333 or 2335. *Spring (odd years)*

**THEA 3339 Scene Design (3-3-X)** Examination of the principles and techniques of scene design as well as drafting and rendering for the theatre. Minimum of 42 lab hours required. *Prerequisite:* THEA 3337. *Spring (even years)*

**THEA 3340 Acting II (3-3-X)** A continuing study of acting techniques and introduction to historical styles in acting. A minimum of 30 laboratory hours is required. *Prerequisite:* THEA 2334. *Spring (even)*

**THEA 3341 Acting: Shakespeare (3-3-X)** An advanced course providing students with an approach to playing Shakespeare. Particular emphasis is placed on the explication and scoring of text through the investigation of poetic speech and use of heightened language. A minimum of 30 laboratory hours required. *Prerequisite:* THEA 3340 or consent of instructor. *Fall (even years)*

**THEA 3342 Acting: Period Styles (3-3-0)** An application of acting styles to various historic works. Greek, Medieval, Elizabethan, Restoration, and Romantic plays will be examined. *Prerequisites:* THEA 2334, 3340 *Fall (odd years)*

**THEA 3343 Acting: Realism (3-3-X)** The study of advanced acting techniques and performance requirements used in presenting important realistic playwrights. Students will analyze, discuss, rehearse and perform scenes from playwrights of the early independent theatre movement and contemporary playwrights. *Prerequisites:* THEA 2334, 3340 *Fall (odd years)*

**THEA 3344 Acting: Auditioning (3-3-0)** An introduction to the business of theatre and the various types of theatre auditions, including cold readings, prepared monologues, improvisation, music and dance auditions. *Prerequisites:* 2334, 3340, 2111, 2112 *Fall (even years)*

**THEA 3345 Acting: TV and Camera (3-3-X)** A course designed to prepare the actor for performance in television and film. *Prerequisites* THEA 2334,3340 *Spring (odd years)*

**THEA 3360 History of American Musical Theatre (3-3-0)** A cultural study of the American Musical as an art form beginning with its origins in vaudeville, burlesque, English music halls, European operetta and minstrel shows through its development and ultimately its effect on popular culture today. This class will include in-depth analysis of varied musicals to further the understanding of how plot, musical structure and interpretation combine to define the genre.

**THEA 4099 (1-4 credits) Special Topics** A study of significant topics in theatre. Course content may vary. Examples of topics include theatre sound, touring, stage combat, and children's theatre. May be repeated as topic varies. *Prerequisite:* Consent of instructor.

**THEA 4301 Independent Study (3-0-X)** Independent, practical, creative work pursued. May be repeated as content

and topics vary. A minimum of 30 laboratory hours is required.

*Prerequisite: Consent of instructor.*

**THEA 4303 Modern Drama (3-3-0)** (British or American Lit.) (Also ENGL 4303) Study of the development of modern drama from 1850 to the present. Emphasis on play analysis, criticism, background, styles, and themes. *Prerequisite* **THEA 4337 Directing (3-3-X)** Study of all aspects of play production including script preparation, production elements, and performance. A capstone course for all theatre majors and minors. Direction of a one-act play required. *Prerequisites: THEA 1333, 2334, 2335, and 3337. Spring*

**THEA 4338 Directing II (3-3-X)** A continuation of THEA 4337. Study of all aspects of play production, including script preparation, production elements, and performance. A capstone course for all BFA Performance majors. Direction of a play is required. *Prerequisite: THEA 4337 Fall*

**THEA 4341 Theatre Management (3-2-X)** Management of the theatre from producer to audience in educational, community, regional, and New York theatre. Lab time will involve organizing and implementing front-of-house activities for the University theatre. There is a minimum of 42 lab hours. *Prerequisite: THEA 1333 or 2335. Advanced standing. Fall (even years)*

**THEA 4345 Theatre History: Greeks to the 18th Century (3-3-0)** Survey from the Greeks to the 18th century with an emphasis on the major periods and influences and contemporary theatre philosophy and literature. *Prerequisite: THEA 1333. Fall (even years)*

**THEA 4346 Theatre History: 18th Century to the Present (3-3-0)** Survey from the beginning of the 18th century to the present with an emphasis on the major influences and movements, the literature and ensuing philosophies and styles. *Prerequisite: THEA 1333, 4345. Spring (odd years)*

**THEA 4347 Advanced Design: CAD for Lighting Design (3-3-X)** Computer aided drafting for stage lighting. A course to compliment THEA 3337 – introductory lighting/mechanical drawing. *Prerequisite: THEA 3337 Spring*

**THEA 4348 Advanced Design: CAD for Costume Design (3-3-X)** Computer aided drafting for costume design. A course to compliment THEA 3338 – introductory costuming/drawing/rendering. *Prerequisite: THEA 3338 Odd Fall, Even Spring*

**THEA 4349 Advanced Design: CAD for Set Design (3-3-X)** Computer aided drafting for set design. A course to compliment THEA 3339 – introductory set design/mechanical drawing. *Prerequisite: THEA 3339 Fall*

**THEA 4365 Stage Management Practicum (3-2-1)** Advanced study in the practice of professional stage management. Requires the student to stage manage at least one production during the university theatre season. BFA Stage Management Majors will be repeat the course once for credit. *Prerequisite: THEA 1333, 2337*

**THEA 4372 Educational Theatre (3-3-0)** An all-inclusive exploration of the basic essentials for teaching theatre in the education setting: activities, exercises, lesson plans, and programs for theatre practitioners on all age levels and in all areas of production, but investigating in particular those elements essential to successful theatre performance at the 6-12 school level. *Junior standing and 9 hours of Theatre coursework required.*

**THEA 4375 Senior Showcase (3-X-X)** An advanced independent study for all BFA candidates. Students will present a public performance or display of an acting, design, or musical theatre project exhibiting the skills and knowledge acquired through their course of study. *Prerequisite: senior standing in the BFA program. All semesters*

## **THEOLOGY (THEO)**

**THEO 1331 Introduction to Christian Thought (3-3-0)** A topical and historical survey of key teachings of the Christian tradition such as Trinity, the nature of Christ, and salvation.

**THEO 1332 Introduction to Christian Ethics (3-3-0)** An introduction to key aspects of Christian moral theology including virtues, the role of scripture and the church, and

exploration of key topics in areas such as politics, sexuality, medicine, and economics.

**THEO 2099 (1-4 credits) Special Topics** Variable credit may be given. This course may be repeated for credit if the content of the course is changed.

**THEO 2101 Theological Research and Writing (1-1-0)** Introduction to basic theological research and writing skills. Course content includes choosing and narrowing a topic, utilizing theological library resources, implementation of research, note taking, organizing a paper, and writing improvement. Students will be introduced to the current edition of Turabian, *A Manual for Writers of Term Papers, Theses, and Dissertations*. *Prerequisites: Co-enrollment in BIBL 2331.*

**THEO 3300 History of Ancient Philosophy (3-3-0)** (Also PHIL 3300) An inquiry into the development of the basic philosophical problems and perspectives from the ancient pre-Socratic Greeks to the responses to 12th Century philosophy that led to the Renaissance and Reformation. Major thinkers include Socrates, Plato, Aristotle, Augustine, Aquinas, and Duns Scotus. *Fall, even years.*

**THEO 3320 Introduction to Christian Political Theology (3-3-0)** (Also POLS 3320) A survey of Christian political thought. The course will trace key developments in the history of Christian political theology in order to understand better the dynamics of contemporary Christian political thought and activity. *Prerequisites: THEO 1331 or consent of the instructor.*

**THEO 4099 (1-4 credits) Special Topics** Variable credit may be given. This course may be repeated for credit if course content is changed.

**THEO 4315 Contemporary Continental Philosophy, Critical Theory, and Postmodernism (3-3-0)** (Also PHIL 4315) A survey of important intellectual movements and key individuals in contemporary European thought. Possible movements include phenomenology, existentialism, philosophical hermeneutics, Marxism and the critical theory of the Frankfurt School, psychoanalytic structuralism, French feminism, deconstruction, post-structuralism, postmodernism, as well as key individual thinkers associated with each of these movements.

**THEO 4320 Philosophy of Religion (3-3-0)** (Also PHIL 4320) Inquiries into the conceptual basis and logic of religious commitment. Emphasis on the varieties of theism together with appraisals of competing views, rational grounds for belief in God, the problem of evil, and human destiny. Issues will be related to contemporary theology

**THEO 4351 New Religious Movements and the Christian Mainstream (3-3-0)** Study of the origins, development, and present status of the major Christian denominations and of new religious movements in North America with special attention to the essential nature of these groups and traditions as reflected in their distinctive beliefs and practices.

**THEO 4355 World Religions (3-3-0)** Study of the concept of religion, and of origins, development and present status of the major living religions of the world with special attention to principle ideas, values and practices characteristic of these religions.

**THEO 4357 Christians and War (3-3-0)** Study of the moral dimensions of Christian involvement in war, peace, and the exercise of military power from the perspective of the Christian faith.

**THEO 4360 Evil and Suffering (3-3-0)** (Also PHIL 4360) Study of the problem of evil and its philosophical challenge to religious thought with a focus on classical theodicies and on contemporary debates concerning the implications of evil for the question of the existence of God and of the logical coherence of theism.

**THEO 4361 Faith and Reason (3-3-0)** (Also PHIL 4361) Historical study of Christian epistemology and a contemporary reconstruction directed toward establishing a foundation for faith and an apologetic posture in the postmodern world with special attention to the theory of knowledge, the historic approaches to faith and reason, natural and revealed theology, and the problem of religious authority.

### Texas Common Course Numbering System.

<u>Common Number</u>	<u>HSU Course Number</u>	<u>Common Number</u>	<u>HSU Course Number</u>	<u>Common Number</u>	<u>HSU Course Number</u>
ACCT 2301.....	ACCT 2311	DRAM 1141.....	THEA 1131	MUSI 1165 .....	MUPC 1126
ACCT 2302.....	ACCT 2312	DRAM 1310.....	THEA 1333	MUSI 1181 .....	MUPC 1111
ARTS 1301.....	ART 1300	DRAM 1330.....	THEA 2335	MUSI 1182 .....	MUPC 1112
ARTS 1303.....	ART 2306	DRAM 1351.....	THEA 2334	MUSI 1308 .....	MUHL 2241
ARTS 1304.....	ART 2307	ECON 1301....	ECON 2330	MUSI 1309 .....	MUHL 2242
ARTS 1311.....	ART 1302	ECON 2301....	ECON 2333	MUSI 1211 .....	MUTC 1235
ARTS 1312.....	ART 2302	ECON 2302....	ECON 2332	MUSI 1212 .....	MUTC 1236
ARTS 1316.....	ART 1301	ENGL 1301 .....	ENGL 1301	MUSI 2114 .....	MUTC 2133
ARTS 1317.....	ART 1311	ENGL 1302 .....	ENGL 1302	MUSI 2115 .....	MUTC 2134
ARTS 2316.....	ART 2313	ENGL 2321 .....	ENGL 2302	MUSI 2116 .....	MUTC 2131
ARTS 2323.....	ART 2301	ENGL 2326 .....	ENGL 2303	MUSI 2117 .....	MUTC 2132
ARTS 2326.....	ART 2315	ENGL 2331 .....	ENGL 2301	MUSI 2166 .....	MUSI 2121
ARTS 2333.....	ART 2314	FREN 1411 .....	FREN 1401	MUSI 2157 .....	MUEV 2131
ARTS 2346.....	ART 2317	FREN 1412 .....	FREN 1402	MUSI 2158 .....	MUEV 2131
BIOL 1111 .....	BIOL 1121	FREN 2311 .....	FREN 2301	MUSI 2168 .....	MUSI 2122
BIOL 1113 .....	BIOL 1120	FREN 2312 .....	FREN 2302	MUSI 2181 .....	MUPC 1113
BIOL 1311 .....	BIOL 1321	GEOG 1300 ...	GEOG 2301	MUSI 2182 .....	MUPC 1114
BIOL 1313 .....	BIOL 1320	GEOL 1103 .....	GEOL 1103	MUSI 2183 .....	MUPS 2121
BIOL 1408 .....	BIOL 1401	GEOL 1303 .....	GEOL 1303	MUSI 2184 .....	MUPS 2121
BIOL 2401 .....	BIOL 2402	GEOL 1305 .....	GEOL 2303	MUSI 1286 .....	MUTC 2237
BIOL 2402 .....	BIOL 2403	GEOL 1105 .....	GEOL 2103	MUSI 1287 .....	MUTC 2238
BIOL 2420 .....	BIOL 2405	GRMN 1411 .....	GRMN 1401	MUSI 2211 .....	MUTC 2235
BUSI 1301 .....	BSAD 1300	GRMN 1412 ...	GRMN 1402	MUSI 2212 .....	MUTC 2236
CHEM 1305.....	CHEM 1301	GRMN 2311 ...	GRMN 2301	PHED 1301 .....	FSSC 2301
CHEM 1105.....	CHEM 1101	GRMN 2312 ...	GRMN 2302	PHED 1306 .....	FSSC 2303
CHEM 1307.....	CHEM 1302	GOVT 2306 .....	POLS 2301	PHIL 1301.....	PHIL 2350
CHEM 1107.....	CHEM 1102	GREE 1411 .....	GREK 2401	PHIL 2306.....	PHIL 2335
CHEM 1311.....	CHEM 1310	GREE 1412 .....	GREK 2402	PHYS 2125 .....	PHYS 1110
CHEM 1111.....	CHEM 1110	HIST 1301.....	HIST 1301	PHYS2126 .....	PHYS 1111
CHEM 1312.....	CHEM 1311	HIST 1302.....	HIST 1302	PHYS 2325 .....	PHYS 1310
CHEM 1112.....	CHEM 1111	HIST 2311.....	HIST 2301	PHYS 2326 .....	PHYS 1311
COMM 1129..	COMM 2182	HIST 2312.....	HIST 2302	PSYC 2301 .....	PSYC 1301
COMM 1130..	COMM 2182	MATH 1314 .....	MATH 1310	PSYC 2314 .....	PSYC 2300
COMM 1307..	COMM 1380	MATH 1316 .....	MATH 1311	SOCI 1301 .....	SOCI 1301
COMM 1318.....	ART 2382	MATH 1325 .....	BSAD 2304	SOCI 1306 .....	SOCI 2302
COMM 2129...	COMM 2182	MATH 1332 .....	MATH 1301	SOCI 2301 .....	SOCI 1300
COMM 2130...	COMM 2182	MATH 2305 .....	MATH 1315	SOCW 2361 ...	SCWK 1350
COSC 1301 .....	CSCI 1303	MATH 2313 .....	MATH 1320	SPAN 1411 .....	SPAN 1401
CRIJ 1301 .....	CRIJ 1301	MATH 2314 .....	MATH 1321	SPAN 1412 .....	SPAN 1402
CRIJ 1313 .....	CRIJ 2305	MATH 2315 .....	MATH 2320	SPAN 2311 .....	SPAN 2301
CRIJ 2328 .....	CRIJ 1302	MATH 2320 .....	MATH 2321	SPAN 2312 .....	SPAN 2302
CRIJ 2313 .....	CRIJ 1304	MUSI 1114 .....	MUTC 1133	SPCH 1311 ...	COMM 1302
CRIJ 2314 .....	CRIJ 2301	MUSI 1115 .....	MUTC 1134	SPCH 1315 ...	COMM 2301
DANC 1122 .....	FSSC 2106	MUSI 1157 .....	MUEV 1131	SPCH 2341 ...	COMM 2373
		MUSI 1162 .....	MUPC 1125		

## PERSONNEL

### 2013 BOARD OF TRUSTEES

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- WALTER GOODMAN, Ph.D., Assistant Professor of New Testament and Director of Logsdon Seminary Programs in San Antonio;** B.S., 1973, Louisiana Tech University, M.A., 1976, M.Div., 1983, Southwestern Baptist Theological Seminary; Ph.D., 1994, Baylor University. (2012.)
- ROSARIO HALL, Ph.D., Assistant Professor of Foreign Languages; Head of the Department of Foreign Languages,** B.A., 1988, Universidad Veracruzana; M.A., 2005, Portland State University; Ph.D., 2012, University of Arizona. (Since 2013.)
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- OMER J. HANCOCK, JR., Th.D., Professor of Church Ministry; Director of In-Service Training;** B.A., 1964, Oklahoma Baptist University; B.D., 1967, Th.D., 1974, Southwestern Baptist Theological Seminary; Advanced study: Summer 1986, Princeton Theological Seminary and Southern Baptist Theological Seminary. (Since 1981.)
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**DELORES WASHBURN**, Professor of English

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