UNIVERSITY OF MARY HARDIN-BAYLOR

2025-2026

UNDERGRADUATE CATALOG

A Texas Baptist Institution

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2025-2026 UNDERGRADUATE CATALOG

UNIVERSITY INFORMATION

Welcome from the President

On behalf of the administration, faculty, and staff, let me welcome you to the University of Mary Hardin-Baylor! This catalog outlines the wide range of academic offerings that are taught by our talented and dedicated faculty at UMHB. You will quickly see that our curriculum offers students a solid set of foundational courses in the arts, sciences, and humanities, plus an array of specialized classes to expand your skills and understanding in your chosen field of study. Together, these courses are certain to advance your knowledge and prepare you for the challenges of living and working in a rapidly changing world.

UMHB offers you these learning experiences in an environment where personal attention to each student is valued. We believe that the size of our campus, the quality of our faculty, and our commitment to Christian values and service will make your time at UMHB an extraordinary experience. It is our hope that at the end of your time with us, you will leave not just with a diploma, but also with a clear vision of how to live a successful life, no matter where your path may lead from this point on.

We are glad you have chosen to pursue your education at the University of Mary Hardin-Baylor. We truly believe that during your time at UMHB, you will receive both an "education for life" and the "experience of a lifetime." We look forward to having you as a member of our learning community!

Sincerely,

Randy O'Rear, Ed.D.
President

Purpose of the Catalog

The purpose of this catalog is to provide information about the academic programs as well as the rules, policies, and guidelines of the University of Mary Hardin-Baylor (UMHB). It includes information concerning admissions, academic offerings, academic regulations and requirements, tuition and fees, services available to students, and university accreditation. In the entirety of this catalog, the terms "University" or "UMHB" shall mean University of Mary Hardin-Baylor. The term "campus" shall mean UMHB owned, leased, or controlled buildings, land, parking lots, and walkways. This catalog is available online and may be viewed from any computer able to access UMHB's website - https://www.umhb.edu

Changes to Academic Programs and Other University Operations

Events or circumstances outside the University's control may require the University to make changes in its housing, classes, labs, clinical rotations, or other aspects of its education programs. Examples of such events or circumstances, sometimes referred to as a "force majeure," include fires, earthquakes, floods, windstorms, or other severe weather or "acts of God;" war, riots, or civil unrest; governmental orders, directives, or recommendations related to health or safety; or any similar situation beyond the University's control.

If such events occur, the University may be required to relocate its programs, shift classes to an online format, or, in an extreme case, discontinue part of its education program. If a student is required to isolate or quarantine, the student may be required to move to online instruction (if available) even if the class continues with in-seat instruction.

The University charges the same tuition and fee rate structure for face-to-face and online classes. If a class moves to an online format, in most cases students will be required to continue the class online or make a timely withdrawal if that is possible under the University's normal withdrawal policies.

Some courses cannot be conducted in a wholly online format. For example, most labs and clinical rotations cannot be completed online. Such classes are subject to cancellation by the University if necessary; cancellation by a hospital or other clinical or laboratory affiliate; or to extended time frames if courses must be continued or Incompletes awarded until instruction can resume. The University cannot guarantee that students will complete coursework or graduate on any particular schedule.

If a class can neither continue in-seat nor be moved online, students will be allowed to withdraw from the course without any academic penalty and receive a full refund. Otherwise, all withdrawals and refunds will be handled according to the University's normal policies included in the Catalog.

Students will be notified of any changes primarily through UMHB student email and the university's website.

Students enrolling in the university agree to conduct themselves, both on and off campus, in a manner consistent with UMHB's identity as a Christian educational institution that identifies with the Baptist General Convention of Texas.

The application for admission is the student's affirmation that he/she will comply with all university policies and

procedures. The Student is responsible for knowing and following procedures and regulations contained in the university's catalog, the Student Handbook and other university publications.

Application and Revisions

The university will revise its catalog from time to time in order to provide students current and complete information. UMHB reserves the right to add, delete, or amend provisions at any time regarding requirements, deadlines, fees, curricula, courses, housing, or other information. Students are expected to remain familiar with the contents of this catalog as it is amended from time to time.

The University's general policy is to apply the academic course requirements for a University degree, as stated in the catalog in effect upon the student's initial enrollment with degree seeking status, for a period of six years from the student's enrollment. A student who fails to complete the required work for a degree in the six-year period dating from the academic catalog of the students selected degree plan will be moved to a newer academic catalog. The same catalog will be in force for the entire degree; in other words, a student must use the same catalog for both the major and minor requirements. New or different requirements may be imposed in certain certificate or licensure programs in order to comply with state, federal, or accreditation requirements.

A student wishing to move to a newer catalog must petition this request with the Registrar's Office. Moving to a newer catalog year (to add a new major/minor, etc.) may be done only once during a students time at the institution.

With respect to all other matters, including academic standards, classroom expectations and ethics, academic appeals, and other academic policies, the most recent catalog is always controlling.

Changes to Academic Programs and Other University Operations

The University

History

The University of Mary Hardin-Baylor traces its distinguished history to the days when Texas had yet to gain statehood and when Baptist missionary work was just beginning in the partially civilized new territory. As early as 1839, representatives of churches in Washington County issued an appeal to the Home Mission Board of New York to inaugurate a missionary movement in Texas. Missionaries Rev. James Huckins and Rev. William M. Tryon were sent, and soon afterwards, Judge R.E.B. Baylor came to Texas as a teacher, lawyer, soldier and preacher. These leaders inspired the desire for Christian education in the area and, at a meeting of the Union Association in 1841, recommended forming an education society. War prevented action until 1843, when the Texas Baptist Education Society was organized.

Tryon and Baylor were appointed to prepare a charter to establish a Baptist university. On February 1, 1845, a charter was granted by the 9th Congress of the Republic of Texas, approved by President Anson Jones at Washington-on-the-Brazos, and the long-awaited Baptist university became a reality. The school initially included a Preparatory Department in addition to co-educational classes for college students. In 1851, the Female Department and the Male Department were separated, ending co-education. In 1866, the Female Department obtained a separate charter and its own board of trustees, and the name was changed to Baylor Female College.

In 1886, due to changing transportation and economics in the area, it was deemed necessary to move both schools. The Male Department consolidated with Waco University in Waco, Texas, retaining the name Baylor University. The Female Department, under its new name, Baylor Female College, moved to Belton, Texas. Since the move to Belton, the school has undergone several name changes, including Baylor College for Women (1925), Mary Hardin-Baylor College (named in honor of a benefactor in 1934), and University of Mary Hardin-Baylor (1978). In 1971, the oldest college for women west of the Mississippi became co-educational.

UMHB's illustrious history includes such notable occurrences as claiming the first work-study program for women in a college west of the Mississippi (1893); serving as the campus model for the Baptist Student Union (1920); establishing the first school of journalism in a college for women in America and being the second institution in Texas to offer the degree of Bachelor of Journalism (1921); hosting and winning the first intercollegiate debate between college women in Texas (1921); and being recognized as the first Texas Baptist college accepted into full membership in the Southern Association of Colleges and Schools (1926). Since these auspicious "firsts," UMHB has continued to make history as a leader in the fields of education, nursing, business, and church leadership; in athletics through conference and national play; and in other important areas of campus life. Today, UMHB enjoys a robust student enrollment of more than 3,900 and employs more than 400 full-time faculty and staff committed to Christian higher education.

Presidents have included Dr. H. L. Graves, Dr. R. C. Burleson, Rev. G. W. Baines, Dr. William Carey Crane, Mr. B. S. Fitzgerald, Dr. Horace Clark, Col. W. W. Fontaine, Dr. William Royall, Dr. John Hill Luther, Mr. P. H. Eager, Dr. E. H. Wells, Dr. W. A. Wilson, Dr. E. G. Townsend, Dr. J. C. Hardy, Dr. Gordon S. Singleton, Dr. Albert C. Gettys, Dr. Arthur K. Tyson, Mr. Leonard L. Holloway, Dr. William G. Tanner, Dr. Bobby E. Parker,

Dr. Jerry G. Bawcom, and Dr. Randy O'Rear who became president in 2009.

Location

The University of Mary Hardin-Baylor is located in the "heart of Texas," only 55 miles from the State capital of Austin and 135 miles from the Dallas-Fort Worth metroplex on Interstate 35. The campus is nestled in the natural beauty of Central Texas' rolling plains and wooded hills and captures the spirit of scholarly pursuit within its historic buildings and spacious, well-maintained campus. The Belton-Temple-Killeen area is home to many corporations, hospitals and medical complexes, industries, and service agencies where students may find employment or internship opportunities. Two large shopping malls are only minutes from campus as is the quaint artisan village of Salado. Dining and entertainment, including the Bell County Expo Center, are just minutes from campus. Recreational opportunities are easily found at Belton Lake and Stillhouse Hollow Lake as well as several 18-hole golf courses within the area.

Mission

The University of Mary Hardin-Baylor prepares students for leadership, service, and faith-informed discernment in a global society. Academic excellence, personal attention, broad-based scholarship and a commitment to a Baptist vision for education distinguish our Christ-centered learning community.

Vision

The University of Mary Hardin-Baylor will be the university of choice for Christian higher education in the Southwest.

Values

Broad-based Education. We believe an educated person is one who not only has mastered a chosen field of study but also has gained an understanding and appreciation for the intellectual and cultural traditions of a diverse world. Through traditional liberal arts programs and professional programs at both the undergraduate and graduate levels, the university seeks to develop graduates of strong Christian character and integrity who are able to communicate effectively, think critically, and solve complex problems. In addition, we strive to inspire a lifelong love for learning so that graduates may face challenges successfully in an ever-changing world.

Christian Faith and the Intellectual Life. We recognize that all truth, whether revealed in Scripture or creation, has its origin in God. Since all truth is grounded in God, we believe that the pursuit of truth and the Christian faith are mutually reinforcing. We strive to develop graduates who integrate Christian perspectives and attitudes into every dimension of life: character, relationships, vocation, and service. To empower students to integrate a passionate Christian faith with human knowledge, we dedicate ourselves not only to grounding them in the basics of Scripture and in the historical beliefs of the Christian faith, but also to broadening their horizons, deepening their insight, sharpening their intellect, and cultivating their ability to appreciate the good, the true, and the beautiful. We seek committed Christians for our faculty and staff who will support the university's mission and who will be active participants in their local church. In short, our goal is to produce graduates who love God with their whole mind.

Teaching Excellence. We value well-qualified educators who are committed to effective, innovative teaching that prepares students to excel in their particular fields, to think creatively and critically, and to integrate facts across disciplines. Our faculty members exhibit an intellectual curiosity and passion for their fields of study which, in turn, stimulate our students to excel academically. To that end, the university is committed to maintaining an atmosphere of academic freedom and providing faculty members with resources and opportunities to enhance teaching effectiveness and to be engaged in a wide range of scholarly activities. The university seeks to identify, recognize, and reward those faculty members who exhibit exceptional teaching ability.

Service. We value our role as a Christ-centered university which addresses educational, cultural, civic, and economic needs by providing service opportunities for students, faculty, and staff. We strive to instill within students an awareness of people in need and a commitment to seeking solutions, both locally and globally.

Students as Individuals. We respect each student as a unique individual who has a distinct perspective on the world. Therefore, we welcome students from diverse backgrounds and understand that exposure to different cultures and experiences within a Christian environment enriches the educational process. The university strives to create an atmosphere where every student is an integral part of our learning community. We place student achievement first and emphasize this through personal attention, small class sizes, teaching excellence, campus activities, athletic programs, and leadership opportunities. The university is committed to encouraging each student to reach his or her potential spiritually, academically, socially, and physically.

Accreditation

The University of Mary Hardin-Baylor is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, master's, and doctorate degrees. The University of Mary Hardin-Baylor also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of the University of Mary Hardin-Baylor may be directed in writing to the Southern Association of Colleges and

Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Selected academic programs are accredited by the following agencies:

McLane College of Business

Accreditation Council for Business Schools and Programs (ACBSP)

College of Education

The Texas Education Agency State Board for Educator Certification

Memberships/Associations
Texas Association of Colleges of Teacher Education (TACTE)
Texas Association of School Administrators (TASA)
Texas Association of Secondary School Principals (TASSP)
Texas Association of Teacher Educators (TxATE)
Texas Elementary Principals and Supervisors Association (TEPSA)
Education Deans of Independent Colleges and Universities (EDICUT)
Kappa Delta Pi (KDP)
Association of Texas Professional Educators (ATPE)

Mayborn College of Health Sciences

School of Exercise and Sport Science

The BSHS in Exercise Science with a Concentration in Strength and Conditioning is accredited by the Council on Accreditation of Strength and Conditioning Education (CASCE)

School of Health Professions

Doctor of Physical Therapy Program

The Doctor of Physical Therapy Program at the University of Mary Hardin-Baylor is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 3030 Potomac Ave. Suite 100, Alexandria, VA, 22305-3085; telephone: (703) 706-3245; email: accreditation@apta.org; website: http://www.capteonline.org. If needing to contact the program/institution directly, please call (254) 295-4940 or email bgresham@umhb.edu

Memberships/Associations
American Council of Academic Physical Therapy

Master of Science in Occupational Therapy Program

The entry-level occupational therapy master's degree program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 7501 Wisconsin Avenue, Suite 510E, Bethesda, MD 20814. ACOTE's telephone number c/o AOTA is (301) 652-AOTA and its web address is www.acoteonline.org. Graduates of the program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Master of Arts in Counseling Program

Accredited by the Council for Accreditation of Counseling and Related Educational Programs, for the Clinical Mental Health Counseling and Marriage, Family, and Child Counseling tracks of study.

Master of Science in Physician Assistant Program

The ARC-PA has granted Accreditation-Provisional status to the Master of Science in Physician Assistant Program sponsored by the University of Mary-Hardin Baylor. Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA Standards or when a program holding Accreditation-Provisional status appears to demonstrate continued progress in complying with the Standards as it prepares for the graduation of the first class (cohort) of students. Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class. The program's accreditation history can be viewed on the ARC-PA website at http://www.arc-pa.org/accreditation-history-university-of-mary-hardin-baylor.

Scott & White School of Nursing

The baccalaureate degree in nursing and the master's degree in nursing are accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001, telephone 202-463-6930.

Memberships/Associations
Texas Board of Nursing
American Association of Colleges of Nursing

College of Humanities and Sciences

Bachelor's in Social Work is accredited by the Council on Social Work Education
B.S. in Engineering is accredited by the Accreditation Board for Engineering and Technology (ABET)

College of Visual and Performing Arts

UMHB is accredited by the National Association of Schools of Art and Design (NASAD)

UMHB is an accredited institutional member of the National Association of Schools of Music (NASM)

All questions about university or program-level accreditation should be directed to the Associate Provost, Dr. Colin Wilborn, (254) 295-4505, cwilborn@umhb.edu. This includes inquiries regarding the accreditation status of UMHB and requests to review documents pertaining to accreditation.

The University is affiliated with or a member of the following agencies:

American Association of Colleges of Nursing
The American Association of Colleges for Teacher Education
American Association of University Women
American Choral Directors Association
American College of Musicians
American Counseling Association
The Association to Advance Collegiate Schools of Business
The Association of American Colleges and Universities
The Association of College and Research Libraries
Association of Texas Graduate Schools
Baptist General Convention of Texas
Central Texas Music Teachers Association
Committee for Accreditation of Allied Health Education Programs
Conference of Southern Graduate Schools
The Council for Christian Colleges and Universities
The Independent Colleges and Universities of Texas
International Association of Baptist Colleges and Universities
Kodaly Educator of Texas
Music Teachers National Association
The National Conference of Church Related Schools
National Federation of Music Clubs
National Guild of Piano Teachers
Organization of American Kodaly Educators
Southwestern Business Deans' Association
State Board for Educator Certification
The Texas Association of Music Schools
Texas Association of Social Work Deans and Directors
Texas Board of Nursing
Texas Choral Directors Association
Texas Counseling Association
Texas Field Educator's Consortium
Texas Music Educators Association
Texas Music Teachers Association

Annual Security and Fire Safety Report (Clery Report)

Annual Security and Fire Safety Reports (Clery Report)

In compliance with federal reporting requirements contained in the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, the University of Mary Hardin-Baylor Police Department publishes an Annual Security and Fire Safety Report. This report includes statistics for the previous three years concerning reported crimes and fires that occurred on-campus in certain off-campus buildings or property owned or controlled by UMHB and on public property within, or immediately adjacent to and accessible from the campus. This report also includes UMHB's policies concerning campus security and fire safety.

Each year, an e-mail notification that provides the web site containing this report is sent to the UMHB email address of all current students, faculty and staff. Additionally, all prospective students and prospective employees are entitled to request a printed copy of the University of Mary Hardin-Baylor Annual Security and Fire Safety Report. Printed copies of the report may also be obtained at https://www.umhb.edu/resources/police/policies-reports#1845, or the University Police Department located in suite 107 of the Mabee Student Success Center, by calling (254) 295-5555, by emailing police@umhb.edu or by writing to:

UMHB Police Department
UMHB Box 8350
900 College
Belton, Texas 76513

Daily Crime and Fire Log

The University Police Department maintains a combined Daily Crime and Fire Log. This log provides limited information pertaining to all crime and fire incidents reported to the Department. The University Police publishes the Daily Crime and Fire Log, Monday – Friday, when the University is opened. This log is available for inspection at the UMHB Police Department located at 905 Moore Ave, Belton Texas.

Alcohol and Other Dangerous Drugs Biennial Report.

The university publishes an Alcohol and Other Dangerous Drugs Biennial Report. The purpose of this report is to comply with the Drug-Free Schools and Campuses Regulation (EDGAR Part 86). Institutions of Higher Education (IHE) receiving federal funds or financial assistance are required to maintain programs which prevent the unlawful possession, use, or distribution of illicit drugs and alcohol by students and employees. To comply with this regulation, IHE, such as the University of Mary Hardin-Baylor, are required to complete biennial reviews of their Alcohol and Other Drug (AOD) program to determine effectiveness and consistency of enforcement of sanctions, along with the number of alcohol and drug violations.

For a printed copy of either report, please contact the UMHB Police Department at (254) 295-5555, or visit in person at 905 Moore Avenue, Belton, Texas, 76513.

Sexual Assault or Sexual Violence

The University strives to create a campus environment that is free from sexual violence, sexual assault, sexual harassment, or gender-based harassment, all of which are prohibited by university policy and by federal law. Detailed information about reporting crimes, sex offenses, or violations of the university's policies can be found in the Student Handbook at https://www.umhb.edu/students/student-handbook, the university's Title IX webpage at http://www.umhb.edu/titleix and UMHB's Annual Security and Fire Safety Report at https://www.umhb.edu/resources/police/policies-reports#1845. In accordance with state law, the university also has an anonymous reporting portal on its homepage at https://www.umhb.edu/.

Notice of Nondiscriminatory Policy

The University of Mary Hardin-Baylor (UMHB) admits qualified students of any race, color, sex, national, or ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not unlawfully discriminate on the basis of race, color, sex, religion, age, nationality, or ethnic origin in the administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs. Furthermore, UMHB does not unlawfully discriminate on the basis of handicap in the recruitment and admission of students and the operation of any of its programs and activities, as specified by federal laws and regulations.

UMHB is authorized under federal law to enroll non-immigrant alien students. The university is a private institution and reserves the right to deny admission to an applicant for any lawful reason.

The University is required (by Title IX of the Education Amendments Act of 1972 and its implementing regulations at 34 C.F.R. Part 106) not to discriminate unlawfully on the basis of sex in any education program or activity that it operates. This requirement extends to admissions and employment. However, the University exercises its rights under Title IX to make undergraduate admission decisions on the basis of sex and to apply its religious tenets even if in conflict with provisions of Title IX.

Inquiries about the university's non-discrimination policies should be directed to the designated coordinator for university compliance with non-discrimination policies identified below. Inquiries about Title IX may be also be referred to the U.S. Department of Education's Office for Civil Rights.

To report information about conduct that may constitute discrimination or make a complaint of discrimination, a student, employee or applicant should contact the designated coordinator for university compliance with nondiscrimination policies:

Holly Edwards, Title IX Coordinator and Non-Discrimination Compliance Officer, Bawcon Student Union, 2nd floor, 900 College Street, Belton, Texas 76513, (254)-295-4870, hedwards@umhb.edu.

A report or complaint regarding discrimination may also be made at https://www.umhb.edu/report-it. The University' non-discrimination grievance procedures can be located at https://www.umhb.edu/resources/titleix/policies-and-definitions#1845

Notification of Rights under FERPA for Postsecondary Institutions

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution.) These rights include:

1. The right to inspect and review the student's education records within 45 days after the day the University of Mary Hardin-Baylor (UMHB) receives a request for access. A student should submit to the registrar a written request that identifies the record(s) the student wishes to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes are

inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the university to amend a record should write to the registrar, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If the university decides not to amend the record as requested, the university will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the university discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

UMHB discloses education records without a student's prior written consent under the FERPA exception for disclosure to university officials with legitimate educational interests. A university official is a person employed by UMHB in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A university official also may include a volunteer or contractor outside of the university who performs an institutional service of function for which the university would otherwise use its own employees and who is under the direct control of the university with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another university official in performing his or her tasks. A university official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for UMHB.

Upon request, UMHB also discloses education records without consent to officials of another college/university in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by UMHB to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA is:
Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202

FERPA further provides that certain information designated as "Directory Information" concerning the student may be released by UMHB unless the student has informed the university that such information should not be released. To withhold disclosure, written notification must be received in the Office of the Registrar. Forms requesting the withholding of "Directory Information" are available from the Registrar's Office.

UMHB assumes that failure on the part of any student to specifically request the withholding of "Directory Information" indicates individual approval for disclosure.

The University of Mary Hardin-Baylor hereby designates the following student information as public or "Directory Information." Such information may be disclosed by the institution to an inquirer, either in person, or by mail, telephone, email, etc., or otherwise made public for any purpose, at its discretion.

Directory Information: Name; current and permanent addresses; telephone number(s); email address(es); dates of attendance; enrollment status (e.g. full-time or part-time); school or division of enrollment; classification; major field(s) of study; awards; honors (including Provost's and Dean's Honor Rolls); degree(s) conferred (including dates); previous institution(s) attended; past and present participation in officially recognized sports and activities; physical factors (height/weight) of athletes; date and place of birth; and digitized image(s)/photograph(s)/video(s). A student identification number may be disclosed as directory information provided that the number cannot be used to access your student records without the use of a password or PIN which is never considered directory information.

The policy that such information will be made generally available is communicated to presently enrolled students through the publication of these guidelines. An individual student currently enrolled may request that such directory information not be disclosed by completing the nondisclosure form which is available in the Registrar's Office and providing the completed form to the Registrar's Office.

FERPA permits the disclosure of PII from students' education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. Except for disclosures to university officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, §99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student:

- To other university officials, including teachers, within UMHB whom the university has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to

whom the university has outsourced institutional services or functions, provided that the conditions listed in §99.31(a)(1)(i)(B)(1) - (a)(1)(i)(B)(2) are met. (§99.31(a)(1))

- To officials of another university where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer, subject to the requirements of §99.34. (§99.31(a)(2))
- To authorized representatives of the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the university's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§§99.31(a)(3) and 99.35)
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4))
- To organizations conducting studies for, or on behalf of, UMHB, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6))
- To accrediting organizations to carry out their accrediting functions. ((§99.31(a)(7))
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8))
- To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9))
- To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10))
- Information UMHB has designated as "directory information" under §99.37. (§99.31(a)(11))
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the requirements of §99.39. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13))
- To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if UMHB determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the university's rules or policies with respect to the allegation made against him or her. (§99.31(a)(14))
- To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of UMHB, governing the use or possession of alcohol or a controlled substance if the university determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15))

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expanded the circumstances under which your education records and personally identifiable information (PII) contained in such records—including your Social Security Number, grades, or other private information—may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

University Calendar 2025-2026

This calendar may change as University needs change. Individuals should refer each semester to the calendar published online at https://www.umhb.edu/resources/registrar/academic-

calendar . The calendar published online will take precedence over the calendar in this catalog.

Fall 2025

August 7	Advising & Registration
August 11	Classes Begin
September 1	Labor Day- Regular Class Day
October 6-7	Fall Break
November 19	Last Class Day
November 20-25	Final Exams (R, F, M, T)
November 26-28	Thanksgiving Holidays
December 5	Winter Commencement (1:00pm)

Winter 2025

Dec. 1-19	Class Days

Spring 2026

January 8-9	Registration
January 12	Classes Begin
January 19	Martin Luther King, Jr. Day Holiday
March 16-20	Spring Break
April 3	Good Friday Holiday
April 16	Play Day (graduate and undergraduate night classes meet)
May 1	Last Class Day
May 4-7	Final Exams
May 9	Spring Commencement (7:30pm)

Summer 2026

May 11 - June 1	Minimester
May 25	Memorial Day Holiday
June 2 - June 29	Summer I
June 30 - July 27	Summer II
July 3	Independence Day Holiday

Resources and Services

We have a number of helpful resources available to our university community and the community at large. Below are a number of our most requested resources and services. For additional assistance, you may contact specific departments, faculty or staff by using the directory. If you're not sure who to contact, use our quick contacts. Additionally, the search feature above is a great way to quickly find information.

Students Counseling Services

Professional and confidential clinical counseling services are available to students in need of assistance with a wide variety of issues. Crisis counseling, stress management, and a range of other emotional issues are addressed, as appropriate, on an individual and support group basis. In person or video counseling options are available to currently enrolled students.

Free counseling services are offered to currently enrolled students on a short-term basis by appointment only. When appropriate, referrals are made to mental health providers in the local area. Confidentiality is maintained in accordance with state regulations and disclosure of information is made only with the written consent of the student, unless required by law.

Please note:

More information about student counseling services can be found
here: https://www.umhb.edu/resources/counseling/home

Please note: Due to ethical conflicts of interest, faculty, and staff from the university departments of Psychology, Social Work, Master of Arts in Counseling program, Master of Science in Occupational Therapy, Doctor of Physical Therapy program, Master of Science in Physician Assistant program, Scott & White School of Nursing programs, the Cru Community Clinic, and Exercise and Sport Science programs do not provide student counseling or health services and are not affiliated with the UMHB Student Counseling or Health Centers.

Learn more about Counseling Services

Student Testing Services

Student Testing Services administers course exams and quizzes for students with a documented disability approved through Disability Services and ensures appropriate testing accommodations are provided.

Testing Services also provides students the opportunity to receive credit in areas of demonstrated academic proficiency through credit by exam. These exams are provided in cooperation with the university registrar and respective academic departments. Credit by exams offered are CLEP (College Level Examination Program) and FLATS (Foreign Language Achievement Testing Service through BYU). Testing Services also administers the On-Campus ACT for students accepted to attend UMHB.

Disability and Testing Services

All testing is administered by appointment. Students must schedule an appointment online at least 3 business days before the desired test date. Final exams must be scheduled at least 5 business days in advance.

The following examinations are utilized and/or accepted in the Testing Program:

- American College Testing (ACT) Program - National and Residual Assessments
- College Board Advanced Placement (AP) Examinations
- College Level Examination Program (CLEP) Examinations
- DANTES Subject Standardized Tests (DSSTs)
- International Baccalaureate (IB) Examinations
- Departmental Examinations

The Testing Center facilitates protocols and procedures for test administration. These functions are in cooperation with the university registrar and respective academic departments. Academic departments establish criteria for performance required on Credit by Examination tests and other testing for which credit is waived or granted.

Miscellaneous testing services offered at the university include foreign language testing and correspondence course test proctoring. Exams not offered, but for which information bulletins are available, include GRE, GMAT, MCAT, LSAT, MAT, ExCET, TExES, NTE, TOPT, and TOEFL. Townsend Memorial Library offers a variety of online practice tests including the GRE, MCAT, LSAT, TOEFL, GMAT, and NCLEX. Simply access the library's homepage and look for Learning Express Advantage in the list of databases.

Contact Information

Location: Mabee Student Success Center • Third Floor Office Hours: M-F • 8am-5pm (Summer: 8 am - 4 pm) umhbtesting@umhb.edu • Phone: (254) 295-4731 • Fax: (254) 295-4196

Student Health Services

A vital component of the university experience for UMHB students is a healthy lifestyle. The goal of the Student Health Services Center is to educate students on health issues and encourage healthy lifestyles. Health fairs, wellness screenings, and health topic presentations are examples of UMHB's effort to educate and empower students to make informed decisions about their health.

A full-time Registered Nurse serves as Coordinator of the Student Health Services Center and provides a range of student health services, including first aid, nursing assessment for wellness and illness, immunizations, patient education, and referrals to local healthcare providers and community health resources as needed.

The Student Health Services Center is available at no cost to UMHB students during regular business hours, with or without an appointment. The Student Health Services Center is located in the Mabee Student Center on the third floor.

More information about student health services can be found here: https://www.umhb.edu/resources/health/home

COVID-19

The federal COVID-19 Public Health Emergency declaration ended effective May 11, 2023.

UMHB's COVID reporting protocols are no longer active. If you test positive for COVID-19, follow instructions outlined by the CDC.

The Center for Disease Control recommends COVID-19 vaccinations. Find more information here.

Students who are enrolled in certain UMHB programs in the fields of healthcare may be required by certain hospitals or other clinical facilities to be fully COVID vaccinated in order to participate in clinical rotations at those facilities. If applicable, the UMHB program will provide students with more details.

Learn more about Health Services

Student Medical Expenses

UMHB assumes no responsibility for medical expenses incurred by students, and strongly recommends all students maintain individual medical insurance.

Students may be required to show proof of individual medical insurance acceptable to UMHB as a condition of participation in some university programs or activities.

Students should have their insurance card for medical, dental or other health coverage with them while attending UMHB, or a copy of the front and back of the insurance card(s).

Various health insurance applications are available for the student's convenience at the health center. It is up to the individual student/parent to choose which healthcare plan would best meet their needs.

A recommended site for resources if a student becomes ill after hours is found on the UMHB Health Center Website. Click the link for: Healthier at School

Some medical insurance policies require students to use an approved network of doctors, hospitals, and clinics. Students should contact their insurance carrier for details and if applicable, obtain a list of approved healthcare providers in the Belton/Temple area and determine what steps, if any, are necessary to change their point of service (POS) to this area. Belton's zip code is 76513.

Resources for Students During Pregnancy, Childbirth, or a Related Condition

The University of Mary Hardin-Baylor continues to provide access to its education programs to students who are affected by pregnancy, childbirth, or a related condition, including lactation. Any student may meet with UMHB's Title IX Coordinator to learn how the university supports and encourages students in continuing their education. Depending on the circumstances, the university may be able to help students with excused absences, a leave of absence from school, or other reasonable alterations to academic programs in order to help students remain in school in spite of limitations which may be recommended by a health care provider.

Students who anticipate a need for assistance with their academic program because of pregnancy, childbirth, or a related condition are encouraged to contact the Title IX Coordinator rather than individual faculty or staff members. The Title IX office will work with the student and with faculty /staff as needed to develop an individualized plan that will ensure access to the university's programs and provide affected students the best opportunity to complete their education. Contact: Holly Edwards, Title IX Coordinator and Non-Discrimination Compliance Officer, Bawcom Student Union, second floor, 900 College Street, Belton, Texas 76513, 254-295-4870, hedwards@umhb.edu

Career Services

Mission

The mission of Career Services, a department within the Student Life Division, is to encourage and assist students and alumni in the discovery of their unique talents and gifts, development of career and job-related skills, and leadership in purpose and vision as they pursue their calling. Career services offers assessment resources, career coaching, and job search tools to assist students in preparing for their careers.

Career Services is located in the Mabee Student Success Center, Suite 202. Hours are Monday – Friday 8-5. Appointments available. Walk-ins welcomed.

Career Services
UMHB Box 8415
900 College Street
Belton, TX 76513
Office: (254) 295-4691
careerservices@umhb.edu

https://www.umhb.edu/career-services

more information about Career Services can be found here: https://www.umhb.edu/career-services

Address Student Information Changes (i.e. Change of Address)

Students who change their local or home address after registration, or change their name after enrollment are expected to notify the Registrar of this change immediately. A legal document, such as a marriage license, divorce decree allowing a name change, or a court document is required for any name change. Any communication mailed from the university to the name and address on record in the Registrar's Office will be considered to have been properly delivered, and the student is responsible for the information contained therein.

Forwarding Address

Students are expected to leave a forwarding address with the UMHB Post Office when withdrawing or graduating. Address/name changes (documentation required for all name changes) after graduation should be completed through the **UMHB Alumni Office**.

Townsend Memorial Library

Townsend Memorial Library supports teaching, learning, and research at the University of Mary Hardin-Baylor. In supporting the university's mission, library faculty and staff are committed to quality service, personal attention, and academic excellence in a Christian context. The library promotes and supports the lifelong pursuit of knowledge for the UMHB community and places the success of UMHB students as its highest priority.

Library Resources

Townsend Memorial Library provides current UMHB students, faculty, and staff access to a wide range of materials to support learning and encourage discovery. The collection of print and electronic books, audiovisual items, and academic databases support the curriculum, individual research, and leisure needs of patrons. The library is involved in continuously improving the collection so that it contains the most authoritative and current resources.

Instruction

In addition to providing access to high-quality resources that promote learning in more than 120 academic programs, librarians teach students how to navigate the complex modern information landscape. Individual and classroom instruction includes how to find the most reliable sources effectively and efficiently, as well as guidance on using academic research tools.

Facility

Computers, printers, scanners, and other tools are available for use. The library strives to be a place where students can work together in group spaces, study in a quiet

environment, check out the newest displays, participate in themed events, or relax with a good book and a coffee.

Current UMHB students, faculty, and staff who have a valid library account may access library resources electronically from off-campus locations. Additional information about the library may be found at http://lib.umhb.edu or by calling (254) 295-4637.

Student Professional Liability Insurance

Student professional liability insurance is provided by the University at no additional cost to the student for students who participate in clinical instruction as part of required academic coursework in the following areas: nursing, counseling, social work, physician assistant, physical therapy, occupational therapy, public health, and exercise sport science/physiology. For more information, contact the Dean or Program Director.

STUDENT LIFE

Student Life is a student-services and development component that, while supporting the university's mission, distinctive Baptist heritage, and Christian approach to higher education, provides leadership in strategic planning, programming, policies, and personnel decisions that create opportunities and cultivate insight by attending to the student experience.

Student Life also provides a comprehensive program which is focused on the total (spiritual, physical, social, cultural, and academic) development of each student.

Major goals of Student Life:

- Provide a campus environment conducive to the purpose and mission of the University;
- Provide a balance of challenge and support designed to enhance students' educational growth and development;
- Provide students an opportunity for the practical application of what is learned in the classroom;
- Develop student leadership;
- Involve students in activities, programs, and relationships which promote the development of the whole person;
- Assist in University student retention;
- Develop, maintain, and administer an appropriate discipline program;
- Provide faculty and staff development opportunities.

In addition, we view ourselves as educators who, along with the faculty are concerned with the development of each student. The "classroom" for the Student Life staff may be a residence hall, an office, the gymnasium, an athletic field, the student center, or wherever students and staff are gathered to plan, promote, and conduct activities for student enjoyment, enrichment, and entertainment.

Student activities at UMHB include those designed to provide leadership training, service learning, spiritual growth, intellectual stimulation, cultural engagement, recreational opportunities, and social skills development; to allow the pursuit of individual interests; and to foster a better understanding of the world and of one's self.

Campus Activities

The Campus Activities office is located on the second floor of the Bawcom Student Union in the Student Activities Office. This office is the student information center of the university. Campus Activities oversees various events, activities, and traditions. The Campus Activities Board is a student organization that plans and staffs these activities for students and their families throughout the year. Membership is open to all students. Campus Activities meets Monday nights on the second floor of the Bawcom Student Union.

More information about campus activities can be found here: https://www.umhb.edu/students/activities/home

Campus Recreation

Campus Recreation

Campus Recreation offers CRU-FIT group fitness classes daily throughout the semester and are free to all UMHB students. In addition, they offer intramural leagues, sports tournaments and special events.

Informal Recreation: Recreational facilities are available to all UMHB students. This includes the McClinton Family Intramural Fields, outdoor sport courts that include 2 tennis courts, 6 pickleball courts, 3 sand volleyball courts, 2 basketball courts, and the Campus Rec Office.

Rec Field: The McClinton Family Intramural Fields are located just off University Drive.

Sport Courts: The sport courts are located just off Crusader Way between McLane Hall and Beall Hall.

More information about Campus Recreation can be found here: https://www.umhb.edu/students/rec/home

Community Service

UMHB sponsors an annual student-led event called The Big Event that provides students with opportunities to participate in Gospel-motivated community service. This initiative aims to supplement students' involvement in local churches and offers a catalyst for ongoing engagement in various area organizations. All parties benefit as students invest their diverse skills in the surrounding community.

Kingdom Diversity

The University of Mary Hardin-Baylor has a renewed commitment to Kingdom Diversity as outlined in the University's Philosophy and Framework for Kingdom Diversity. More information can be found here: https://www.umhb.edu/resources/kingdomdiversity/home

International Student Services

This office is the first personal contact with UMHB for most international students. Its staff assists with documents that enable international students to obtain visas to enter the United States. Once at UMHB, these students will find assistance in many areas, such as adjusting to life in an

American university setting, starting in their UMHB academic experience, and complying with university policies.

An orientation program, required of all new international students, provides basic information for the start of their academic career at this university. The students should maintain in close contact with the office of International Student Services during their entire enrollment at UMHB. While International Student Services attempts to provide helpful information, students who have questions or problems relating to their immigration status or compliance with immigration rules and regulations are encouraged to consult with their attorney.

More information about International Student Services can be found here:
https://www.umhb.edu/admissions/international/home

Residence Life

The Office of Residence Life strives to promote the mission of the University of Mary Hardin-Baylor by providing an on-campus living environment that is conducive to scholarship and personal growth. The Residence Life team at UMHB is dedicated to serving students as they choose campus housing and find a place they will call “home” during their time at UMHB. The University of Mary Hardin-Baylor operates eight residence halls, three apartment complexes, and campus houses. Each living area is supervised by a Resident Director (RD), a full-time professional, who lives and works within the designated living area. These RDs each manage a staff of Resident Assistants (RA) who are undergraduate students living and working throughout each building to promote community development. Only qualified students may reside in student housing. Students living in campus housing are offered the opportunity to engage in a variety of activities and programs, and the focus is on making each facility a community where students can live and learn.

The Student Handbook and Guide to Campus Housing provide more details.

More information about Residence Life can be found here:
https://www.umhb.edu/students/residence/home

Spiritual Life - Campus Ministries

Church Participation

All students are encouraged to cultivate biblical literacy and experience biblical community in a local church. Students looking for a church home in the Belton area should check with Spiritual Life for college ministries, worship times, and locations.

Spiritual Formation

Various Bible studies and small groups are held on campus throughout the week led by the Baptist Student Ministries, student organizations, local churches, and various parachurch organizations.

Chapel

An education offered by UMHB includes experiences to develop the mind, body, and spirit. Chapel attendance and participation is considered an integral part of the educational process. It is recognized and appreciated as one of the distinctive features of a Christian university

Chapel services are held each Wednesday at 10:00 a.m. and 11:00 a.m. in W. W. Walton Chapel during fall and spring semesters. Students register for and attend one section in order to complete chapel attendance requirements. Archived chapel servicers and a schedule of upcoming speakers are available online.

All students are encouraged and welcomed to attend chapel services, whether chapel attendance credit is needed or not.

Global Outreach

UMHB Global Outreach (GO) is students' the primary mobilization office for spiritual formation opportunities outside the classroom. GO seeks to educate students about vocation as mission, Christian responsibility, and the practice of intentionality. The objective of our program is to equip students to understand and live out these five core identities of being a learner, storyteller, servant, worshiper, and mobilizer while serving on the field and after they return. Along with the BSM, Global Outreach offers numerous domestic and international engagement opportunities over, Winter break and Summer break. Contact the Global Outreach office for more information.

Baptist Student Ministry

The Baptist Student Ministry (BSM) at UMHB is the oldest BSM organized in Texas and serves as the local expression of university outreach by Texas Baptists. The Baptist Student Ministry (BSM) is the primary campus ministry charged with encouraging and equipping students in spiritual growth. While Texas Baptists sponsor BSM, we encourage and include students from diverse backgrounds. We offer a variety of ways to get involved and the support of a welcoming community as students GROW, GIVE, and GO in their pursuit of life with Jesus. The BSM office is on the first floor of the Bawcom Student Union.

More information about Spiritual Life can be found here:
https://www.umhb.edu/students/spiritual-life/home

Student Organizations

Student Organizations

UMHB has approximately 70 chartered student organizations, including special interest, community service, honor societies, academic, religious, leadership, service, and athletic/spirit groups.

Faculty and staff serve as advisors and represent UMHB in all planned activities involving the organization or their members. The staff of Student Organizations provides support and other needed services to student organizations, their leaders, advisors, and members.

All organizations seeking recognition must be approved by the Student Government Association, Vice President for Student Life and ultimately, the President of UMHB. Organizations will not be recognized if their goals and purposes are contrary to the goals and purposes of the university.

More information about Student Organizations can be found here: https://www.umhb.edu/students/orgs/home

COURSE DESCRIPTIONS

Chapel (UMHB 1002)

A complete education includes experiences that seek to develop the mind, body, and spirit. Chapel attendance is an integral part of the educational process and one of the distinctive features of attending a Christian university. All full-time, degree-seeking students are required to receive credit for chapel attendance. Regular chapel programs are held each Wednesday at 10:00 a.m. and 11:00 a.m. in the W. W. Walton Chapel. Information on the programs presented is available on the Spiritual Life website. All students, faculty, and staff are invited to attend chapel services.

Chapel Attendance Requirements

Satisfactory chapel attendance requirements are as follows:

Incoming Freshmen must earn "Credit" for Chapel (UMHB 1002) during four semesters at the University of Mary Hardin-Baylor.

Transfer Students:

- Students who transfer from other Baptist institutions can apply to the Dean of Students for a review of chapel credits previously earned in order to assess equivalency and, if approved, award credit on their UMHB transcript. Chapel credit is awarded based on the number of semesters for which they earned credit on their transcript at the former institution. Credit is not given for the number of chapels they were required to attend each week, but rather awarded only for the number of semesters they attended chapel.
- Freshmen (entering UMHB with less than 30 semester credit hours)
    - Those who enter UMHB without any chapel credit from previous institutions approved by the Dean of Students must earn credit for **four** semesters of Chapel (UMHB 1002) at UMHB.
    - Those who receive credit for chapel attendance at other institutions must earn a total of **four total** chapel credits—the sum of those recognized from other institutions and those earned at UMHB.
- Sophomores (entering UMHB with 30 to 59 semester hour credits)
    - Those who enter UMHB without any chapel credit from previous institutions approved by the Dean of Students must earn credit for **three** semesters of Chapel (UMHB 1002) at UMHB.
    - Those who receive credit for chapel attendance at other institutions must earn a total of **four total** chapel credits—the sum of those recognized from other institutions and those earned at UMHB.
- Juniors (entering UMHB with 60 to 89 semester credit hours)
    - Those who enter UMHB without any chapel credit from previous institutions approved by the Dean of Students must earn credit for **two** semesters of Chapel (UMHB 1002) at UMHB.
    - Those who receive credit for chapel attendance at other institutions must earn a total of **four total** chapel credits—the sum of those recognized from other institutions and those earned at UMHB.
- Seniors (entering UMHB with 90 or more semester hour credits)
    - Those who enter UMHB without any chapel credit from previous institutions approved by the Dean of Students must earn credit for **one** semester of Chapel (UMHB 1002) at UMHB.
    - Those who receive credit for chapel attendance at other institutions must earn a total of **four total** chapel credits—the sum of those recognized from other institutions and those earned at UMHB.

In-person attendance is mandatory to earn attendance credit for those registered for the 10:00 a.m. service (UMHB 1002-01) and the 11:00 a.m. service (UMHB 1002-02).

Live attendees must bring their CruCard to chapel services to earn attendance credit as CruCards are scanned to document participation.

There are no course grades in Chapel, only Credit (CR) or Non-Credit (NC).

The minimum number of attendance credits required for students to earn "Credit" on their transcript is listed in the course syllabus, and any changes are communicated via course announcements.

Excused absence requests should be directed to the Dean of Students. Approved requests do not generate chapel attendance credit for the missed chapel service(s). Instead, the Dean of Students offers a makeup opportunity for each excused absence, so the student can earn attendance credit for the respective service(s).

Students who have class conflicts, clinicals, practicums, or internships that prevent them from attending live chapel services on Wednesdays at both 10:00 a.m. and 11:00 a.m. should apply for Alternative Chapel through the Student Development Office located in the Student Life suite on the second floor of Bawcom Student Union. If approved by the Dean of Students, applicants will be assigned to a

section of the course (UMHB 1002-03) that allows them to complete all chapel requirements online—asynchronously—for the semester in question.

Students are responsible for making sure they fulfill all attendance requirements. If a student feels that an error has been made, he/she has until the end of the second week of the following semester to reach out to Student Development in person or at 254-295-4590 to question the accuracy of the records. If attendance records indicate that a student did not complete the minimum number of required services or did not make up the absences with the Dean of Students, then that student will receive Non-Credit on their transcript for Chapel on their transcript at the end of the semester.

Non-degree seeking students are not required to fulfill chapel requirements. Non-degree seeking students shall be defined as follows:

- Students entering UMHB on Non-Degree Admissions application form.
- Students entering UMHB with a Baccalaureate Degree seeking to obtain a teacher's certificate or course work to prepare for entry into a professional school such as pre-law courses necessary to enter law school.

(Note: All students included here are not involved in course work requiring their graduation from UMHB or other college or university.)

Students Shifting from Part-Time to Full-Time:

Chapel requirements do not apply to part-time students. If a part-time student, at any point, registers for twelve or more semester hours thereby becoming a full-time student, then they are required to complete chapel requirements according to their academic classification (freshmen, sophomore, junior, or senior) at the time they begin their first semester in a full-time status. The respective chapel requirements for transfer students stated above will apply to any student who shifts from part-time to full-time status and continue to remain in effect for as long as said student is enrolled at UMHB. Any students with questions may reach out to the Student Development Office at (254) 295-4590 for guidance.

Chapel Registration

Students should register for a section of Chapel (UMHB 1002) when registering for classes. Direct any questions regarding chapel registration to the Student Development Office at 254- 295-4590. Students are advised to sign up for Chapel the first semester they begin as a full-time student. By doing this, scheduling conflicts later on may be avoided.

Fine Arts Experience (UMHB 1005)

The general education core at UMHB is designed to help students develop to their full potential as educated persons. UMHB strives to offer its students a setting in which they can mature culturally, as well as intellectually. In an effort to provide a well-rounded education, the University requires a Fine Arts Experience (FAE) in addition to three hours of fine arts course credit required in the core curriculum. The purpose of this Fine Arts Experience requirement is to establish and foster a life-long pattern of fine arts involvement.

All full-time undergraduate, degree-seeking students must attend no less than eight (see requirements listed below) FAE events, one each semester they are enrolled. Students are advised to enroll for UMHB 1005: Fine Arts Experience each semester of full time attendance at UMHB.

What is a Fine Arts Experience Event?

Each semester a calendar of approved Fine Arts Experience events is prepared. Approved FAE events will cover a wide variety of programs and will be chosen from areas such as plays, art exhibitions and musical performances, or from lectures/presentations of general appeal related to the fine arts. These events will be scheduled and approved by the FAE Coordinator.

How Can the Requirement Be Fulfilled?

Satisfactory Fine Arts Experience (FAE) attendance requirements are as follows:

1. **Incoming Freshmen** (or transfer students with less than thirty semester hours accepted by UMHB) must acquire eight semesters of FAE credit.
2. **Transfer Students**
    a. Sophomores (students with thirty to fifty-nine semester hours accepted by UMHB) must acquire six semesters of FAE credit.
    b. Juniors (students with sixty to eighty-nine semester hours accepted by UMHB) must acquire four semesters of FAE credit.
    c. Seniors (students with ninety or more semester hours accepted by UMHB) must acquire two semesters of FAE credit.
3. Students who complete their education in fewer than the expected number of semesters based on the number of hours with which they entered, will have their FAE requirement reduced to one per full semester they are at UMHB. For example: a student who enters as a freshman but completes a degree in seven semesters will only be required to complete seven FAE credits.
4. FAE attendance is mandatory. To receive credit, the student must personally present his/her UMHB ID card

for scanning to the designated event staff at the conclusion of the event.

If attendance records indicate that a student did not attend the required number of FAE events, or did not make-up the absence, students will receive non-credit for FAE on the grade report for that semester. Students are responsible for making sure they have fulfilled all requirements for attendance and can check the records of attendance with the FAE Coordinator.

To receive credit, the student must personally present his/her UMHB ID card for scanning to the designated event staff at the conclusion of the event.

If a student feels that an error has been made, he/she has until the first two weeks of the following semester to receive credit for any corrected attendance records.

STUDENT AWARDS AND HONORS

Awards

The Mary Hardin-Baylor Loyalty Cup: Awarded at commencement to the senior student(s) who is most representative of the ideals, traditions, and spirit of the University both in the classroom and on the campus.

The President's Award: Presented at commencement to a student(s) for meritorious service to the senior class and to the University. This award is not necessarily given every year.

Accounting Excellence Award: Presented annually to an outstanding third or fourth year Accounting major by the Texas Society of Certified Public Accountants.

American Institute of Chemists Award: Administered by the American Institute of Chemists to recognize outstanding seniors majoring in Chemistry. Given in recognition of a demonstrated record of ability, leadership, and professional promise.

Austin-Burks Award: Presented annually to the outstanding Art major. This award is sponsored by the Art Department and is selected by the Art faculty on the basis of academic performance and artistic ability. This award is given in honor of Dr. Ted Austin and Mrs. Maurine Burks who taught Art at UMHB for 25 and 21 years respectively.

Baylorian Award: Presented annually to the Managing Editor, Literary Editor, and Art Editor of the *Baylorian.*

The Evelyn McFatridge Brashears Award: These awards are given on behalf of Mr. Charles E. McFatridge in honor of his sister, Mrs. Evelyn M. Brashears, former English professors at UMBH: Vignette Award, All Literature Award, and Poetry Award.

The Business Education Award: Presented to the graduating senior pursuing certification in business education who shows the greatest potential for becoming an outstanding teacher.

The Laura Cole Award: Presented to the senior Nursing student selected by the Nursing faculty as the outstanding member of the graduating class. The award is based on scholarship, leadership, and service. This award was established in honor of Miss Anna Laura Cole, Director Emeritus of Scott and White Memorial Hospital College of Nursing.

McLane College of Business Dean's Award: Presented annually to a senior pursuing a McLane College of Business major who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished business leader.

McLane College of Business Faculty Award: Presented annually to a senior pursuing a McLane College of Business major who has best exemplified Christian ethical and moral standards, leadership, and scholarship.

Delta Psi Theta Award: Presented annually by Delta Psi Theta, UMHB Mathematics Society, to the student with the highest grade in Calculus I.

School of Exercise and Sport Science Dean's Award: Presented annually to a senior pursuing an EXSS major who has demonstrated exceptional leadership qualities in the school. Outstanding academic performance along with Christian ethical and moral standards are major criteria in recipient selection.

Outstanding Student in Sport Management: Presented annually to a senior Sport Management major who has demonstrated exceptional qualities of scholarship, leadership, integrity and character throughout their academic career. Outstanding academic performance along with distinguished ethical and moral standards are major criteria in recipient selection.

Outstanding Student in Health Science: Presented annually to a senior Health Science major who has demonstrated exceptional qualities of scholarship, leadership, integrity and character throughout their academic career. Outstanding academic performance along with distinguished ethical and moral standards are major criteria in recipient selection.

Outstanding Student in Exercise Physiology: Presented annually to a senior Exercise Physiology major who has demonstrated exceptional qualities of scholarship, leadership, integrity and character throughout their academic career. Outstanding academic performance along with distinguished ethical and moral standards are major criteria in recipient selection.

Outstanding Student in Physical Education: Presented annually to a senior Physical Education major who has demonstrated exceptional qualities of scholarship, leadership, integrity and character throughout their academic career. Outstanding academic performance along with distinguished ethical and moral standards are major criteria in recipient selection.

The Freshman Science Award: Given annually to the freshman student who has the highest grade in General Chemistry.

Genetics Award: Presented annually to the most outstanding student in Genetics. This award is sponsored by the UMHB Biology Department and the selection of awardees is made on the basis of combined academic performance in lecture and lab.

The Lillian Shelton Harral Speech Award: Given annually to an outstanding senior Speech Communication student.

The W. F. Hutmacher Scholarly Writing Award: Given annually for the best presentation of literary scholarship in honor of Dr. W. F. Hutmacher, a faculty member in the UMHB English Department for 22 years.

Kappa Mu Epsilon Award: Presented annually by the Texas Kappa chapter of Kappa Mu Epsilon, National Mathematics Honor Society, to the student with the highest grade in Abstract Algebra.

Outstanding Graduating Senior in Christian Studies Award: This award is given to the graduating senior with the highest GPA in the College of Christian Studies who also demonstrates outstanding Christian character and ministry service.

Outstanding Senior Chemistry Major Award: Given to outstanding senior Chemistry majors. This award is sponsored by the UMHB Chemistry Department, and the selection of awardees is made by the Chemistry faculty on the basis of academic performance, professional involvement, and service to the department.

Outstanding Student in Biology Award: Presented each spring to the most outstanding senior majoring in Biology. The selection of the awardee is made by the Biology faculty based on scholarship, integrity, professionalism, and potential for success in the field of biology.

Outstanding Student in Business Computer Information Systems Award: Presented annually to a Business Computer Information Systems senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Distributed Operating Systems Award: Presented annually to a Computer Science major with a specialization in Distributed Operating Systems that has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Economics Award: Presented annually to an Economics senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Entrepreneurship Award: Presented annually to an Entrepreneurship senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Finance Award: Presented annually to a Finance senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in International Business Award: Presented annually to an International Business senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Investment Management Award: Presented annually to a business student who has demonstrated noteworthy investment management skills, exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Management Award: Presented annually to a Management senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Marketing Award: Presented annually to a Marketing senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Multimedia and Information Technology Award: Presented annually to a Multimedia and Information Technology senior who has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Outstanding Student in Network Security Award: Presented annually to a Computer Science major with a specialization in Network Security that has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work

performance are major considerations in recipient selection.

Outstanding Student in Object-Oriented Systems Award: Presented annually to a Computer Science major with a specialization in Object-Oriented Systems that has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance and successful practical work performance are major considerations in recipient selection.

Pi Gamma Mu Award: Given to a senior Social Science major who has demonstrated scholarship, leadership, and service.

Presser Undergraduate Scholar Award: Presented annually to an outstanding Music major at the end of his/her junior year. This award is selected by the Music faculty of the basis of academic performance and musical ability. this award program supported by the Presser Foundation includes music programs that show evidence of meeting high professional standards for faculty, curriculum and facilities.

Sigma Tau Delta Short Story Award: Presented annually by Sigma Tau Delta, National Honorary English Fraternity, for the best short story of the year.

Education Deans of Independent Colleges and Universities (EDICUT) Outstanding Student Teacher Award: Presented to the student teacher each semester who has demonstrated to the faculty in the College of Education both excellent academic ability but also the skills and characteristics indicative of excellent teaching performance.

Zondervan-UMHB Award for Excellence in Biblical Greek: The biblical languages faculty awards the Zondervan-UMHB Award for Excellence in Biblical Greek to the student with the most hours in biblical Greek and who attains the highest grade point average in biblical Greek.

Zondervan-UMHB Award for Excellence in Biblical Hebrew: The biblical languages faculty awards the Zondervan-UMHB Award for Excellence in Biblical Hebrew to the student with the most hours in biblical Hebrew who attains the highest grade point average.

Honors

Students who aspire to graduate with honors from the University of Mary Hardin-Baylor without participation in the University Honors Program must complete a minimum of 60 hours in residence at UMHB and maintain a cumulative grade point average of 3.6000 to 3.7499 for **cum laude** designation, a cumulative grade point average of 3.7500 to 3.8999 for **magna cum laude** designation, or a cumulative grade point average of 3.9000 or better for **summa cum laude** designation. Otherwise, students aspiring to graduate with honors from UMHB must participate in the University Honors Program as described here.

Medals

The Provost's Medal: Given at commencement to the senior(s) with the highest overall grade point average for four years. Recipients must complete a minimum of 60 hours in residence at UMHB.

The Bluebonnet Medal: Awarded annually to the editor of the University annual, *The Bluebonnet*, in recognition of the time and effort expended in editing the publication.

Outstanding Christian Young Man Medal: Presented to the outstanding Christian young man of the University whose influence has been most helpful to the entire student body and the University as a whole.

The Jewel Vickers Payne Memorial Medal: Presented annually to the Art student who exhibits superior drawing skills.

Stella P. Ross Memorial Medals: Established by Dr. A. A. Ross as a memorial to Stella P. Ross: Presented to the student who makes the most progress in the academic discipline of English during the school year. The recipient shall be selected by members of the English faculty of the University.

The F. B. Russell Journalism Medal: Presented annually to the editor of the University newspaper, *The Bells*.

ADMISSIONS

For graduate admissions standards at UMHB, refer to this year's graduate catalog.

(For Competency-Based Education (CBE) program admissions standards at UMHB, refer to this year's Competency-Based Education (CBE) catalog.

All Applicants

The University of Mary Hardin-Baylor grants admission to students who demonstrate adequate academic preparation and who possess the characteristics necessary for success at a Christian liberal arts university. As a private Christian university, the university reserves the right to deny admission to an applicant for any lawful reason.

In order to be admitted, all applicants must meet the requirements established by the University. Admissions decisions will be based on academic credentials and recommendations. The UMHB Office of Admissions and Recruiting will notify all applicants of admission decisions. If formal notification of admission has not been received, the applicant should contact the Office of Admissions and Recruiting.

By submitting an application for admission to UMHB, the applicant affirms that he/she will comply with all University rules and policies if admitted.

All admission forms and correspondence should be addressed to:

University of Mary Hardin-Baylor
Office of Admissions and Recruiting
UMHB Box 8004
900 College Street
Belton, Texas 76513

Enrollment Deposit

Admitted undergraduate students are required to pay an Enrollment Deposit to confirm their plans to attend UMHB. Enrollment Deposits are $150 for commuting students and $300 for resident students (housing deposit included). Upon registration, the Enrollment Deposit is applied directly to the student’s bill. Deposits should be paid by cash, credit card, money order, or check payable to UMHB.

Once the Enrollment Deposit is received, UMHB will provide information about new student orientation, academic advising and registration.

Admitted new students should pay their Enrollment Deposit by May 1 for the Fall semester or within two weeks following notification of acceptance if admitted after May 1 for the Fall semester or if admitted for the Spring semester or Summer sessions. The date the deposit is paid could affect the financial aid package as well as the orientation/registration date offered, and building eligibility for those applying for housing.

A refund of 100% of the Enrollment Deposit will be given if requested prior to May 1. After May 1, the $150 pre-payment will not be refunded. A refund of 50% of the housing portion of the Enrollment Deposit will be given if requested after May 1 but prior to June 1. After June 1, the student will forfeit the entire Enrollment Deposit if choosing not to enroll at UMHB. Enrollment Deposits for the Spring semester and/or Summer sessions are nonrefundable.

Special Note to Students in University Housing

House Application and Assignment Process

Residence living requirements: Students at UMHB are typically required to reside in campus housing unless they meet one of the following criteria: a) will live with a spouse, parent, or legal guardian within commuting distance of the campus; b) have 48 or more accumulated hours and/or at least 21 years of age; c) will attend the University as a part-time student. This policy applies to fall/spring semesters only.

To be eligible for student housing, an individual must be enrolled and attend as a student in the university and carry a minimum of 12 undergraduate semester hours (full-time status). A student who does not maintain full-time student status but wishes to continue residing in student housing may request an exception from the Director of Residence Life.

New applicants: Once a student is accepted for admission to UMHB, a student housing application may then be submitted. Completing the process includes submitting the following:

- Required deposit amount - $300.00
- Completed housing application

Housing is available on a first-come, first-served basis. Applications are made available to students upon acceptance.

For more information about the campus housing application process, visit: https://www.umhb.edu/students/residence/housing-process#1845

Admission Requirements

Regular Admission for Degree-Seeking Students

***Note: An official transcript is one that has been received by UMHB directly from the issuing institution. It must bear the school seal, date, and an appropriate signature.**

Freshman

Applicants who enroll the semester following high school graduation or have no college hours must meet at least **one** of the following requirements:

- Rank in the top 1/2 of their high school graduating class with no ACT, SAT or CLT score required.
- Rank in the lower 1/2 of their graduating class and score a minimum SAT of 1070, or minimum ACT of 21, or minimum CLT of 67.
- Graduate from high school with a minimum Grade Point Average (GPA) of 3.0.
- Have 12 or more hours of transferable college credit with an overall Grade Point Average (GPA) of 2.0 or better (based on a four-point system).

Additionally, applicants must meet at least **one** of the following requirements:

- Graduated from a regionally accredited or state accredited high school and must have completed the Foundation High School Program [22 credits of which must be of the
- following: 4 credits of English (I, II, III, and an additional/advanced English course), 3 credits of Mathematics (Algebra I, Geometry, and an advanced math course), 3 credits of Science (Biology, IPC or an advanced science course, and an additional advanced science course), 3 credits of Social Studies (U.S. History, 0.5 credit U.S. Government, 0.5 credit Economics, and a World History or World Geography), 1 credit of Physical Education, 1 credit of Fine Arts, 2 credits of language in the same language other than English (may substitute 2 credits from Computer Science I, II, and III), 5 credits of electives.
- Completed equivalent credits from a home school curriculum.

Applicants that do not meet the minimum requirements listed above may be eligible if they meet the following requirement:

- Received the General Education Diploma (GED) with a minimum score of 145 on each of the four exams.

These qualifications do not guarantee acceptance to UMHB.

A limited number of students may be admitted on conditional admission by consent of the Vice President for Enrollment Management and/or the Director of Admissions and Recruiting. An interview may be required.

Applicants must submit:

1. An application for admission.
2. **(For early acceptance)** A high school transcript indicating current class rank, GPA, and/or ACT, SAT, or CLT scores. The transcript must be sent at the end of the fall semester of the student's senior year.
3. An official final high school transcript after graduation that indicates graduation date and class rank.

Applicants may submit:

UMHB is test optional. An official ACT, SAT or CLT score report may be submitted for more accurate academic advising and awarding of credit based on subject scores. In addition, a test score may qualify an applicant for an increased academic scholarship.

Transfers from Other Colleges

(Students transferring less than 12 transferable semester hours [non-developmental, non-vocational] will be admitted using criteria for freshman applicants as well as the following.)

Applicants must:

1. Have completed 12 or more transferable credits from a regionally accredited college or university since receiving a high school diploma or the GED.
2. Have an overall GPA of 2.0 or better (based on a 4-point system). **Entering GPA will be calculated using all hours attempted.**The one exception to this requirement concerns a course that was repeated. In this circumstance, only the highest grade received for the repeated course will be used when calculating the entering GPA.
3. Not be on scholastic or disciplinary suspension from the last college or university attended.

These qualifications do not guarantee acceptance to UMHB.

Applicants must submit:

1. An application for admission.
2. An official transcript from each college previously attended **(sent directly from the institution to UMHB). Even though courses taken at one institution are noted on another college's transcript, applicants must submit transcripts from the**

institution at which the courses were taken. Transcripts from other institutions which have been submitted for admission or evaluation become part of the student's academic file and are not returned or copied for distribution.

A limited number of students with a grade point average between 1.5 and 1.99 may be admitted on warning status. Typically, students with a grade point average of less than 1.5 will not be admitted. Written appeals will be sent to the Vice President for Enrollment Management and/or Director of Admissions and Recruiting. An interview may be required. See Academic Standing (p. 53) for more information.

Admission status will be based on overall transfer grade point average and academic standing at the last college/university attended.

Transient Students

A transient student is a degree-seeking student at another college or university who desires to take courses at UMHB for transfer. Admission may be gained by furnishing the Office of Admissions & Recruiting with a statement of good standing in lieu of a current transcript from the parent school from which the degree will be granted. Transient students are not eligible for financial aid. See "*Note" for additional information regarding transient students.

Individual Approval

In exceptional cases, persons who do not meet the requirements for either regular or transient applicants may be granted special permission by the Admissions and Recruiting Department to study at UMHB. Applicants are required to notify the Admissions and Recruiting Department in writing as to their plans to seek a degree from UMHB.

Audit

Students desiring admission to the University for the purpose of auditing classes must complete an application in the Admissions Office. An application fee is required. Individuals 18 or under must provide proof of high school graduation or a GED. See "*Note" and Audit Registration (p. 55) for additional information on auditing classes.

Non-Degree Students

Students who already have a baccalaureate degree but desire to take additional undergraduate courses (not towards a second degree or teacher certification) must furnish the Office of Admissions and Recruiting with an official transcript reflecting only the last degree acquired. Non-degree students are not eligible for financial aid. See "*Note" below for additional information regarding non-degree seeking students.

Just Taking Courses

Students who want college credit for courses but do not plan to complete a degree program must meet regular admission requirements and are not eligible for financial aid; see the "*Note" below for additional information regarding students who are just taking courses.

Readmission of Former Students

Former students who have officially withdrawn, stopped attending classes without officially withdrawing, attended another institution during their absence, and/or have served a period of Academic Suspension and who are otherwise eligible may apply for readmission by completing the undergraduate applications for admissions. If readmission is approved, re-admit students are not required to pay the application fee again. If, during their absence from UMHB, students attended any other institutions, they must submit official transcripts reflecting such attendance. Students experiencing a disruption in continuous enrollment lasting longer than one academic year must reorganize their respective degree plan under the current catalog. See additional comments under “Graduation Under a Particular Catalog”. (p. 72)

***Note: For students who plan to switch from transient, audit, non-degree, or just taking courses to a regular, degree-seeking status, the application procedures listed above for transfer students must be completed. The student's degree program will be determined from the school catalog current at the time of the status change.**

Required Vaccinations for All Students

The State of Texas requires all first-time students and/or transfer students who are 21 years or younger to receive a vaccination for Bacterial Meningitis. The vaccine must have been administered within five (5) years prior to enrollment in college or a booster (another shot) is required. Meningitis B (Trubemba/Bexsero) is recommended but not required by the State of Texas. More information will be provided to students upon admission.

Texas students can request an exemption from getting immunizations. There are three conditions for exemption:
1. If a licensed physician determines that it is not safe for them to get a certain vaccine
2. If they are in the United States military (active duty)
3. If they have a religious or personal belief that goes against getting immunized (reasons of conscience).
Please provide appropriate documentation to request the exemption for medical or military-related reasons.
To request an affidavit for reasons of conscience, students must use the official Texas Department of State Health Service (DSHS) form. The DSHS form may be ordered electronically, please visit CO Request to request the form ahead of time and it will be mailed to the student. The

Texas DSHS form must be completed, notarized, and submitted to UMHB at least 10 days prior to the first day of the first semester of a student's attendance. This exemption will be good for 2 years. The student is responsible for submitting a new affidavit before it expires if student continues to study at UMHB and is under the age of 22.
More information about the meningitis vaccine and the importance of consulting a physician can be found here and also in the university's Student Handbook.: https://www.umhb.edu/students/student-handbook

Students who are enrolled in certain UMHB programs may be required by certain hospitals or other clinical facilities to obtain additional vaccines, which may include Hepatitis, Rubella, etc. If applicable, the UMHB program will provide students with more details.

Recommendations:

In addition to the required meningitis vaccine, UMHB strongly recommends that students maintain other current immunizations. U.S. Department of Health and Human Services Centers for Disease Control and Prevention publishes a list of suggested immunizations for each age group. To view this list and more information regarding immunization, please visit the Texas Department of State Health Services.

UMHB further recommends that if any student has been outside the US to high-risk TB countries in the last year for more than a 3 week period, a TB skin test is obtained, which is available at the campus Health Services Center for a nominal fee. Call 254-295-4696 to make an appointment.

Admission of International Students

Note: All forms must be completed in English. All money must be in U.S. dollars.

All international students applying for admission to the University of Mary Hardin-Baylor must:

1. Submit completed International Application form. All items must be completed.
2. Submit proof of funds in the form of a bank statement, bank letter, student loan, or scholarship letter from the scholarship organization that shows available financial support that is equal or above the cost of attendance for the academic year that the student was admitted to the university.
3. Submit a notarized Affidavit of Educational Support showing the availability of funds to finance student's education and transportation both to school and back to student's home country. A signed letter of support may be substituted for the affidavit. The letter should state the relationship of the sponsor to the applicant and specify exactly what expenses are covered. Documentation is required. All money amounts must be stated in U.S. dollars. Submit a bank statement showing current available funds or an approved education loan. If the documentation is not in the name of the student, an affidavit of educational support will be required. A signed letter of support that is notarized may be substituted for the affidavit.
4. Submit official transcripts or diplomas from all schools, colleges, and universities previously attended. If the student has attended United States colleges/universities, the official transcripts must be mailed directly from the college/university to the Office of International Student Services. Students wishing to submit undergraduate transcripts from outside of the United States for possible transfer credit are required to submit the original transcript to a recognized evaluation service with the course-by-course evaluation sent directly to the university. Transcripts from other institutions which have been submitted for admission or evaluation become part of the student's academic file and are not returned or copied for distribution.
5. Submit a score report completed within the past two years from the Test of English as Foreign Language (TOEFL), the International English Language Testing System (IELTS), the Duolingo English Test (DET), or the Pearson Test of English (PTE). Students who have graduated from a high school with English as the language of instruction or who have earned a higher-education degree from an institution with English as the language of instruction may be exempted from submitting an English language proficiency report as determined by an interview with the ESOL Program director. Documentation of an institution's language of instruction is required. ESOL testing and course requirements will apply as determined by the ESOL Program director after the interview. Students whose scores do not meet the minimum requirements for admission to graduate or undergraduate academic work will be required to enroll in UMHB ESOL classes.
6. Submit a copy of the passport identification page. Passport must show validity at least 6 months from the expected date of enrollment.
7. Submit the following fee (in U.S. dollars):
8. $75 Application Fee (non-refundable)

When all of the above items have been received from the student, action will be taken by the Office of International Student Services. An I-20 form cannot be issued until the student has been accepted by the university.

The University reserves the right to change its tuition, fee, and other costs at any time.

English Proficiency Guidelines

English Proficiency Guidelines

Overview

UMHB does not have a full-time English for Speakers of Other Languages (ESOL) Department but rather a limited bridge-type of program designed to ensure that students maximize their learning in other courses. An English language proficiency test must be submitted as part of the international admissions requirements.

Students who have graduated from a high school with English as the language of instruction or who have earned a higher-education degree from an institution with English as the language of instruction may be exempted from submitting an English language proficiency report as determined by an interview with the ESOL Program director. Documentation of an institution's language of instruction is required. ESOL testing and course requirements will apply as determined by the ESOL Program director after the interview. Students whose scores do not meet the minimum requirements for admission to graduate or undergraduate academic work will be required to enroll in UMHB ESOL classes.

Students without Minimum English Proficiency Scores:

Upon arrival, students without minimum English proficiency scores will be given an ESL Accuplacer assessment with one to four sections (listening, reading, writing, and grammar) as determined by the ESOL Program director. Based upon the results of placement testing, students will be enrolled in the appropriate combination of ESOL and other courses.

ESOL courses consist of three and four credit hours and are offered in grammar, reading, writing, and oral communication at the basic, intermediate, and advanced levels. In terms of cost, ESOL tuition is 50% of the cost of undergraduate tuition.

In order to exit from the ESOL Program, a student must score at or above the designated cut-off on the English proficiency exam taken at the end of the ESOL course. This is separate from the course final exam. Students of ESOL listening and speaking courses must also pass an oral interview with the ESOL Program director.

The oral speaking exam will assess the communication skills of the student. The ESOL director will determine any ESOL course needs remaining. Students must enroll in all ESOL courses indicated by the ESOL director.

Standards for Continued Enrollment

If, after completion of the advanced level ESOL classes, a student does not meet the ESOL exit requirements for all language skills (listening, reading, and writing), he/she will be evaluated by an academic committee to determine whether enrollment can be maintained.

Admission to Undergraduate Programs without ESOL
Minimum scores required to enter academic classes bearing credit toward graduation:
TOEFL within the past 2 years: 20/band
IELTS within the past 2 years: 6/band

Students who submit a DET or PTE exam for admission will be required to take the Accuplacer exam at UMHB in their first semester and enroll in any required ESOL courses as a result of that exam.

Required TB Test for International Students

Once accepted for admission to UMHB, in addition to the meningitis vaccine requirement outlined in this catalog, international students from countries identified as "TB high-risk" (source: World Health Organization) are required to submit a written document which proves a negative TB test.
If required, International students have two options for TB testing that meet UMHB's specifications:
1. You may be tested by a licensed medical professional within the United States and submit the written negative test results to UMHB. This document must be received by UMHB no later than the report date on your I-20.
2. You may be tested in person at the UMHB Health Services Center at least 2 days before the report date on your I-20.There is a nominal fee.

You are responsible for ensuring that your travel plans allow time to complete this TB testing requirement.

Recommendations:

In addition to the required meningitis vaccine, UMHB strongly recommends that students maintain other current immunizations. U.S. Department of Health and Human Services Centers for Disease Control and Prevention publishes a list of suggested immunizations for each age group. To view this list and more information regarding immunizations, please visit the Texas Department of State Health Services.

FINANCIAL INFORMATION

Financial Aid

The University of Mary Hardin-Baylor offers a broad range of financial assistance to qualified students. Most financial aid is awarded in accordance with demonstrated need for assistance, as determined by use of the Free Application for Federal Student Aid (FAFSA). Specific University scholarships are awarded upon the basis of excellence in academics or proficiency in a particular field of study or activity.

All financial aid is granted for no more than a nine-month academic period. Financial aid is renewable each year, **upon reapplication**, if the student meets all criteria . Possible changes in the amount of aid for each succeeding year may occur because of changes in funding levels and applicants' financial data. There is no deadline to apply for financial assistance; however, the priority date is December 1st of each year.

Generally, students do not receive grant/scholarship funds above their direct university expenses except as required by law.

Application Procedures

Students applying for financial aid must complete the following steps:

1. **Process a Free Application for Federal Student Aid (FAFSA):**

This form determines the family's ability to contribute to the student's education. The form can be completed at www.studentaid.gov.

2. **Submit additionally requested documents:** UMHB Verification Worksheet(s) and parent's and/or student's IRS Tax Return Transcript(s) as requested. All requested documents will appear on myfinancialaid.umhb.edu under the "Documents" page.
3. **The UMHB Financial Aid Office** will follow up with an email request asking for other forms and documentation required of the student to verify the information provided on the Free Application for Federal Student Aid.

All emails should be directed to finaid@umhb.edu. Scanned documents should be imported securely through the financial aid portal (myfinancialaid.umhb.edu).

All mail to the Financial Aid Office should be addressed:

University of Mary Hardin-Baylor
Financial Aid Office
900 College Street UMHB Box 8080
Belton, TX 76513

Awarding Policy

The Free Application for Federal Student Aid uses a federal formula to generate a Student Aid Index, SAI. The SAI is then deducted from the student's budget, which estimates all reasonable and moderate costs for the period of enrollment.

Once the maximum aid eligibility is determined, the Financial Aid Office prepares a financial aid package. The Financial Aid Administrator will award in this "package" a combination of grants, scholarships, loans, and/or campus employment to help meet the student's financial need.

The completed financial aid package is submitted to the student for acceptance through an online Financial Aid Notification. The student may accept the package in part or as a whole. If specific programs are rejected, they will not necessarily be replaced with aid dollars from other programs. **The Financial Aid Offer must be accepted through http://myfinancialaid.umhb.edu by the stipulated time frame, or the offer becomes void.**

Leaving School

All students who have received financial aid must clear their records with the Financial Aid Office prior to withdrawing from school. Those financial aid recipients who plan to graduate or who plan not to return to Mary Hardin-Baylor the following regular semester must also clear their records with the Financial Aid Office. Failure to do so may result in a hold on the student's account.

Refund/Repayment Policy

Please refer to the financial section for more information.

Satisfactory Academic Progress (SAP) and Financial Aid

The Higher Education Act of 1965, as amended by Congress, mandates that institutions of higher education monitor the academic progress of students who receive federal financial aid. The University of Mary Hardin-Baylor has established the following minimum standards to be eligible for and continue to receive federal financial aid.

For purposes of determining financial aid eligibility, Satisfactory Academic Progress (SAP) will be reviewed at the end of each payment period (fall, spring, and summer

semesters) and will be based on the student achieving both a minimum cumulative grade point average (CGPA) and earning a minimum of 70% of credit hours attempted (also known as, “meeting financial aid SAP”).

Please note that some state and institutional programs may have higher academic requirements, and eligibility for those financial aid programs is subject to the conditions and terms of each program.

- Merit-based academic scholarships also have minimum GPA requirements the student must maintain each semester.
- Tuition Equalization Grant (TEG), a Texas resident need-based program, students must complete a minimum of 24 hours per year and maintain a minimum cumulative 2.5 GPA for renewal. If a student fails to meet the required cumulative GPA or minimum earned hours at the end of each academic year, a student will receive notification of TEG SUSPENSION.

CGPA requirements by classification

Minimum 2.00 CGPA: undergraduate students

Minimum 3.00 CGPA: graduate students

Note: Students should note that the standards for Satisfactory Academic Progress (SAP) for Financial Aid purposes may differ from the standards for academic purposes. See “Academic Standing” section of this catalog for the academic standards and how they apply to academic standing.

Pace

Financial Aid SAP is determined by dividing the cumulative number of credit hours successfully completed by the cumulative number of credit hours attempted (including transfer credit hours that have been accepted). The percentage must be greater than or equal to 70% to meet SAP. The maximum time for program completion is 150% of the published program length.

Financial aid will not be disbursed until all prior academic year grades have been posted.

(SAP) Warning Period

In the first payment period (semester) after financial aid SAP has not been met, students will be sent a notification to inform them that they are not meeting SAP for purposes of financial aid. The notice will include SAP requirements, steps necessary to meet financial aid SAP in the upcoming payment period (semester), and the consequences for failing to meet financial aid SAP at the end of the financial aid SAP warning period.

During the financial aid SAP warning period, students may continue to receive financial aid. After the financial aid SAP warning period, students who do not meet financial aid SAP are ineligible for financial aid. The Financial Aid Office will notify students at the end of the financial aid SAP warning payment period (semester) if they fail to meet SAP. The notification will include information concerning the loss of financial aid for the upcoming payment period (semester) due to failure to meet CGPA and/or 70% completion rate, and will also include the financial aid SAP appeal process, should the student wish to appeal.

SAP Suspension

If a student was previously under a financial aid Warning or Probation SAP status and fails to meet financial aid SAP eligibility requirements during the next semester, the student’s financial aid status will be placed on financial aid SAP Suspension, and the student is NOT eligible for federal, state, or institutional financial aid during the next semester he/she attends the university. A student who is placed on financial aid SAP Suspension may appeal this decision through the financial aid SAP appeal process.

(SAP) Probation Period

If a student is placed on financial aid SAP suspension, he/she can appeal the suspension through the financial aid SAP appeal process. If the appeal is granted, the student will be placed on financial aid SAP probation for the next semester. The student must regain his/her SAP eligibility during the semester or be placed on financial aid SAP suspension. While on financial aid SAP probation, the student may continue to receive financial assistance if otherwise eligible.

SAP Appeal process

Step One: Students who choose to follow the financial aid SAP appeal process must:

- Submit the financial aid SAP appeal in writing to the Financial Aid Office, using the provided form.
- State in the financial aid SAP appeal the reason(s) they failed to meet financial aid SAP requirements
- State in the financial aid SAP appeal what action steps the student will take to meet financial aid SAP at the following review (semester)

Step Two: The Financial Aid Office will:

- Review the financial aid SAP appeal and notify the student of the decision.
- Approved financial aid SAP appeals include:
    - Approval and terms of reinstatement of financial aid eligibility
    - Possibility of meeting SAP in next payment period (semester)

    - Possibility of an academic plan over a period of time
    - Consequences for not meeting terms of financial aid SAP approval
    - Approved financial aid SAP appeals will result in financial aid being awarded for the payment period
- Denied appeals include:
    - Basis for denial
    - What the student must do to meet financial aid SAP
    - Denied financial aid SAP appeals will not be awarded financial aid until SAP is met

Step Three: Students must continue to meet terms established until financial aid SAP is met in order to continue receiving financial aid on a probationary basis. Once financial aid SAP is met, the student will be removed from SAP probation status. Failure to maintain financial aid SAP after probation is removed will result in receiving an additional financial aid SAP warning for the upcoming payment period (semester).

Step Three: Students must continue to meet terms established until financial aid SAP is met in order to continue receiving financial aid on a probationary basis. Once financial aid SAP is met, the student will be removed from SAP probation status. Failure to maintain financial aid SAP after probation is removed will result in receiving an additional financial aid SAP warning for the upcoming payment period (semester).

Transfer Credits

Accepted credit hours will be included in the financial aid SAP calculation for the next payment period (semester).

- Assumes all accepted credits will be at least 2.0 GPA for Undergraduate and 3.0 for Graduate
- Counted in the next evaluation period following receipt and review of the transcript
- Incoming transfer students transfer in, meeting financial aid SAP
- Transfer credits accepted by the University of Mary Hardin-Baylor are included in the credit completion rate and maximum time frame calculations, but not the GPA.

Remedial/Developmental Coursework

The University of Mary Hardin-Baylor does not accept remedial transfer credit hours.

The University of Mary Hardin-Baylor does not offer developmental coursework.

Incomplete Grades

Incomplete credit hours will be considered attempted credit hours when meeting the pace component of financial aid SAP. Grades will be included in the CGPA component of financial aid SAP during the term in which they were assigned.

Repeating Classes

Passed classes may be retaken one time where allowed by the program to improve GPA and included in the financial aid SAP review (any grade higher than an "F" is considered passing).

Failed classes may be retaken as necessary where allowed by the program and included in the financial aid SAP review.

Withdrawing from the University as it relates to Financial Aid

Withdrawing before the census date does not impact SAP as no credit hours have been attempted. However, some financial aid may be considered “earned” and be retained by UMHB to assist in covering costs associated with student attendance.

After census date, credit hours are considered attempted and included in the financial aid SAP review.

See **Withdrawing from the university** elsewhere in this catalog for more information.

Exit Counseling

UMHB takes seriously its responsibility to counsel students with regard to debt and its financial impact. To that end, UMHB offers financial counseling (which is also a federal requirement of the Department of Education). This counseling (also referred to as Exit Counseling) is coordinated through the Office of Financial Aid and is completed online. Exit counseling helps students understand their rights and responsibilities as a student loan borrower and provides useful tips and information to help students manage their loans.

Students in certain circumstances are required to take advantage of financial counseling.

- Students who are graduating are sent instructions via email notification 1 month before graduating. Those who do not complete the counseling before graduating receive a follow-up notice after graduation. Holds may be placed on student accounts 2-3 weeks after the last day of class.
- Exit counseling is required of students who have not graduated and are not enrolled for the next academic semester, students who are registered less than half-time, or students who are expelled. This same

counseling is required even if the student plans to transfer to another institution.

Financial counseling is available to all students, not just students in the circumstances outlined above, and it can be completed at https://studentaid.gov.

Aid Programs by Category

Federal Programs

There are five major financial aid programs which are funded by the federal government and are made available to UMHB students.

1. **Federal Pell Grant**
   This grant can be applied for once a student has completed the Free Application for Federal Student Aid (FAFSA). The amount of the grant is based on the ISIR results and enrollment status. Funds awarded are directly credited to the student's UMHB account.
2. **Federal Supplemental Education Opportunity Grant (FSEOG)**
   Eligibility for this grant is determined after Pell Grant eligibility has been established. SEOG recipients will also be Pell recipients with the smallest Student Aid Index (SAI). This program is limitedly funded. Funds awarded are directly credited to the student's UMHB account.
3. **Federal Direct Loans**
   - **Federal Direct Subsidized Student Loan**
     This is a federally insured loan. Students with demonstrated need may receive up to $ 3,500 per academic year for the first year (0-29 hrs), $4,500 for the second year (30-59 hrs), and $5,500 for subsequent years (60+ hrs), not to exceed an aggregate total of $23,000. No interest is charged on the loan until the student falls below half-time status. After being awarded this loan, students must complete online entrance counseling and a master promissory note
   - **Federal Direct Unsubsidized Student Loan**
     Same terms and conditions as Subsidized Stafford loans, except that the borrower is responsible for interest that accrues during deferment periods (including in-school) and during the six-month grace period. Dependent Students who do not demonstrate a financial need may borrow up to 5,500 per academic year for the first year (0-29 hrs), $6,500 for the second year (30-59 hrs), and $7,500 for subsequent years (60+ hrs)

Loan Borrowing Limits

Year	Dependent Students (except students whose parents are unable to obtain PLUS Loans)	Independent Students (and dependent undergraduate students whose parents are unable to obtain PLUS Loans)
First-Year Undergraduate Annual Loan Limit	$5,500—No more than $3,500 of this amount may be in subsidized loans.	$9,500—No more than $3,500 of this amount may be in subsidized loans.
Second-Year Undergraduate Annual Loan Limit	$6,500—No more than $4,500 of this amount may be in subsidized loans.	$10,500—No more than $4,500 of this amount may be in subsidized loans.
Third-Year and Beyond Undergraduate Annual Loan Limit	$7,500—No more than $5,500 of this amount may be in subsidized loans.	$12,500—No more than $5,500 of this amount may be in subsidized loans.
Graduate or Professional Students Annual Loan Limit	Not Applicable (all graduate and professional students are considered independent)	$20,500 (unsubsidized only)
Subsidized and Unsubsidized Aggregate Loan Limit	$31,000—No more than $23,000 of this amount may be in subsidized loans.	$57,500 for undergraduates—No more than $23,000 of this amount may be in subsidized loans. $138,500 for graduate or professional students—No more than $65,500 of this amount may be in subsidized loans. The graduate aggregate limit includes all federal loans received for undergraduate study.

4. **Federal Direct Parent Loan for Undergraduate Students (PLUS)**
   An undergraduate student may qualify for parent-based loans based on their parents' credit history. The U.S. Department of Education is the lender. The maximum loan amount is the student's cost of attendance minus any other financial aid received.
5. **Federal Work-Study**
   This need-based work program allows students to work on campus at the prevailing minimum wage. Students on Federal Work-Study are also eligible to apply for select community service positions within the Belton

area. Work awards are calculated on 13 hours per week for each 15-week semester. The maximum work award will be indicated on the student's work permit. Timesheets are completed online daily and require the approval of the student's supervisor. Earnings are issued biweekly through the University's payroll system. When completing the work documentation, students can have their earnings applied by the university to any outstanding balance on their account. Alternatively, the student may elect to have their earnings paid to them. Applicable federal and state withholding will apply to earnings.

State Programs

1. **Tuition Equalization Grant (TEG)**
This need-based grant is available to Texas residents who are enrolled full-time. The application for this grant is made through the completion of the FAFSA. Funds are awarded on a first-come, first-served basis. Upon enrollment verification, funds are directly credited to the student's UMHB account.

2. **State Funded Scholarships**
There are various scholarships funded by the State of Texas available to students. These scholarships are need-based and have individual academic criteria. Examples of these scholarships include the Fifth-Year Accounting Student Scholarship Program, the License Plate Insignia Scholarship Program and the Nursing Student Scholarship Program.

3. **Texas College Work Program**
This need-based work program allows students to work on campus at the prevailing minimum wage. Students on Texas College Work are also eligible to apply for select community service positions within the Belton area. Work awards are calculated on 13 hours per week for each 15-week semester. The maximum work award will be indicated on the student's work permit. Timesheets are completed online daily and require the approval of the student's supervisor. Earnings are issued biweekly through the University's payroll system. When completing the work documentation, students can have their earning applied by the university to any outstanding balance on their account. Alternatively, the student may elect ot have their earnings paid to them. Applicable federal and state withholding will apply to earnings.

Institutional Programs

1. **Endowed Scholarships**
These are funds made available to students by the institution through endowment programs and special gifts to the University. In most cases, endowed scholarships are need-based and given out based on the results of the FAFSA.

2. **Institutional Scholarships**
These funds are made available to students by the institution. Scholarships are awarded based on academic skills and/or merit. The following pages outline academic scholarships in greater detail.

3. **Work Duty**
This college work program enables students to work on campus at the prevailing minimum wage. Students on Work Duty are also eligible to apply for select community service positions within the Belton area. Work awards are calculated on 13 hours per week for each 15-week semester. The maximum work award will be indicated on the student's work permit. Timesheets are completed online daily and require the approval of the student's supervisor. Earnings are issued biweekly through the University's payroll system. When completing the work documentation, students can have their earnings applied by the university to any outstanding balance on their account. Alternatively, the student may elect to have their earnings paid to them. Applicable federal and state withholding will apply to earnings.

Financial Cost and Policy

Fees

The tuition rates listed below are for the 2025-2026 academic year, effective June 1, 2025, and are subject to change by action of the Board of Trustees. Please contact the Bursar's Office for questions or information on current tuition, fees, room, board and other rates.

Application Fee

International students are required to pay a non-refundable application fee of $75. This fee does not apply toward tuition.

Enrollment Deposit

Resident	$300 ($150 enrollment deposit, applied to first semester enrolled and $150 room deposit, refundable when student is no longer a resident of on-campus housing and eligible for refund)
Commuter	$150, applied to first semester enrolled

Tuition

Undergraduate — $1,095 per semester hour
Graduate — $1,115 per semester hour
Doctoral — $1,170 per semester hour

Other Required Fees

Class Dues — $15 per semester (for undergraduate students enrolled in 12 or more credit hours)

General Service Fee — $60 per semester hour
Technology Fee — $25 per semester hour
Transportation Fee — $50 per semester (Fall and Spring)
Replacement Vehicle Tag — $15
Replacement Student ID — $10

Special Fees

Applied Music Tuition — $1,095 per semester hour
Applied Music Lab Fee — $50 per credit hour
Applied Music Practice Room Fee- $30 per course
Audit (undergraduate lecture course only) — $1,095 per course *(non-refundable after two weeks)
Credit By Exam Examination — $35 per semester hour
English for Speakers of Other Languages Tuition — $547.50 per semester hour
Graduation — $30 undergraduate
(filing for degree late — additional $25; refiling for degree — additional $30)
Late Payment Fee — $50 per month — (See late payment section below for more details.)
Schedule Reinstatement— $100
Non-Scheduled Exam — $40
Returned Check Fee — $30

University Housing

Residence Halls

Room and Board Costs Per Semester
Central Bath — $5,270
Gettys Hall
Johnson Hall

Suite Bath --- $5,694

Burt Hall (2 bedroom/ 1 bath)
Beall Hall (3 bedroom/ 3 bath)

Private Bath — $6,085
Lord Hall
McLane Hall
Remschel Hall

Meal Plan included in Residence Hall rate (Choose One):
6 meals per week with $400 Dining Dollars
10 meals per week with $300 Dining Dollars (default plan)
14 meals per week with $200 Dining Dollars
Unlimited meals with $100 Dining Dollars
Students can "exchange" one meal per day at retail venues, up to five per week.

Apartment-Style Complexes

Costs Per Semester
(Includes $275 Cru Cash; Meal plan not included)

College View
2 person unit $3,775
3 person unit $4,105
Independence Village Complex:
4 person unit $4,135
(Clark, Ferguson, Grover, Taylor, Provence, Tryon & James Halls)
2 person unit $5,460
(Wilson, Hobby, Tyson & Garner Halls)
Farris Hall
2 person unit $5,785
3 person unit $5,460
4 person unit $5,185
Apartment / Commuter Meal Plan
75 meals + $300 Dining Dollars — $1,000

Summer Rates (does not include $275 Cru Cash)

Apartment Style Housing	
Per Person	$915
Transportation Fee	$25 (per summer session)

Students enrolled in at least 6 hours during the May — July 2025 summer sessions may qualify for free summer housing. Please contact Residence Life for more details.

Estimated Expenses

The average cost is $23,444 per semester or $46,888 per year for a typical resident undergraduate. Resident student cost may vary according to room. Average commuter cost is $17,750 per semester or $35,500 per year. Averages are based on 15 semester hours, room and board (for residential students), technology fee, transportation fee, and general service fee, but do not include books, lab fees, or personal expenses. Tuition, fees, and room and board are due by the settlement dates established for each semester.

Trip Fees

Courses that have a trip component associated with them will also have a trip fee assessed to cover costs associated with travel. Trips range from weekend camping trips to semester long international study abroad opportunities. Trip deposits and trip fees are non-refundable. Please refer to the course instructor for more information on trips and trip fees.

Inclusive Access Fees

An inclusive access fee may be assessed to a student's UMHB student account for certain courses. An inclusive access fee indicates that the required course materials are included as a component of the course and covered by this fee. In these cases, students have access to course materials on first day of courses for which they are enrolled and no prior purchase is required. Students have the opportunity to opt-out of the inclusive access fee during the first five (5) days of the start of the semester.

Financial Settlement

Account statements are available on MyCampus (www.mycampus.umhb.edu) 24/7. Paper statements are not mailed. Prior to the start of each semester, students are required to Confirm Your Financial Settlement using MyCampus. During the Confirm Your Financial Settlement process, students identify how they intend to financially settle account charges for the upcoming semester as well as agree to all terms and conditions of registration.

Settlement dates are established and communicated each semester. For 2025-26, tuition, fees, and room & board charges are due by July 15 for the Fall semester and December 15 for the Spring semester. Students receiving any type of financial aid (scholarships, grants, loans, campus work programs, etc.) must complete all financial aid documents by the due date each semester or at the time of registration if the due date has passed. Corrections, adjustments, and / or charges associated with schedule changes after the settlement date are due and payable at that time.

Payments may be made on the MyCampus site with a credit card - Visa, MasterCard, American Express or Discover (credit card convenience fees of 2.75% will apply) or E-Check. No payments are accepted over the telephone. For any check or e-check not honored by a bank, a returned check fee of $30 will be charged and check writing privileges on campus may be revoked.

Books and other supplies are generally not included on student account bills. Students should have funds available for these expenses. Students with excess financial aid can use a book voucher for textbook purchases at the UMHB Campus Store.

Exclusive arrangements have been made with Nelnet to offer a monthly payment plan option. The monthly payment program is not a loan and bears no interest. An enrollment fee of $40* per semester enables the payer to make equal payments to cover projected semester costs in up to five equal installments based on plan offering dates.

*Life insurance which covers the unpaid contract amount is included with this enrollment fee.

The payment plan budget is determined by subtracting all financial aid (including scholarships, grants, campus work, if applied to account balance, and loans) from the total of tuition, fees, and room and board. Books, commuter meal plans, trip fees and other personal expenses may *not* be budgeted and must be paid for at the time they are incurred. Students may call Nelnet toll free at 1-800-609-8056 or contact via the web at https://mycollegpaymentplan.com/umhb to assist in calculating monthly payment requirement. If a student is dropped from the monthly payment plan due to nonpayment, the balance owed on the student's account is due immediately.

The University reserves the right to withhold a student's access to campus services, including MyCampus, MyCourses and UMHB email, and to restrict a student's participation in university events, including commencement, for failure to make complete payment of a student account. Additionally, UMHB may administratively withdraw a student for failure to demonstrate proper responsibility in the handling of financial matters as related to the University.

UMHB utilizes the UMHB Sadermail account as the official means of communicating account notices to students. It is the student's responsibility to regularly check their Sadermail account.

Account Holds

Accounts that are not financially settled after the settlement date will have a financial hold placed on the student account. This hold prevents the release of student's transcript as well as prevents registration for future classes. The hold may also prevent a student from securing an on-campus housing assignment for a future semester.

Late Payment Fee

Payments are due by July 15 for the Fall semester, and December 15 for the Spring semester. Summer and Minimester due dates are posted each term on the Bursar's Office website and in the financial notices sent to students upon registration. Students with an outstanding balance who are not enrolled and current in their payment plan or who do not have an approved third party payment arrangement (Texas Tomorrow, VA Benefits, etc.) may be assessed a **late payment fee of $50** per month.

For students enrolled in the payment plan, if monthly payments are not sufficient to cover the account balance by the last payment due date for the semester enrolled, the late payment fee may still be assessed to the student's account each month. Please verify monthly payments to Nelnet will be sufficient to cover the outstanding balance.

This **non-refundable** fee will be assessed each month thereafter until the account is paid in full or student is administratively withdrawn.

Collection Costs

The student will remain responsible for all unpaid balances incurred. In the event an account becomes delinquent and is placed with an outside agency for collection, all collection costs and/or legal fees will be the responsibility of the student.

Schedule Cancellations

A cancellation occurs when a student decides not to attend the University *prior to the first day of classes of that term* per the published University academic calendar. Cancellations must be in writing or by email to the Registrar's Office prior to the first day of classes for the semester. If the student has a housing assignment, the student must also contact the Residence Life Office in person, in writing, or by email to inform that Office that they will not be attending. For cancellations, all tuition, fees, and room & board are refunded at 100%. Financial aid for the term is cancelled and returned to the programs, as applicable. A student's schedule cannot be cancelled under the terms of this section on or after the first day of classes.

Administrative Withdrawal

The university reserves the right to drop a student's future semester schedule(s) or withdraw a student from classes and/or the university if (1) the student's account is not financially settled at the start of the semester or (2) becomes delinquent or (3) if such action is deemed in the best interest of the student and/or the university. Students who are administratively withdrawn are subject to the refund and withdrawal policies of the University.

Recorded grades for students who are administratively withdrawn will be I, W, WP, WF, NC or F. The grade will depend on the time of withdrawal and the student's grade at that time or the circumstances causing the withdrawal. Depending on the circumstances of the withdrawal, an application may be required for readmission.

Refund Policy

Once the semester begins, registration with the University creates a binding obligation for the student with respect for charges for the entire academic period. However, a student may find it necessary to make schedule changes once the semester begins.

Added courses are billed at full tuition and fee rate currently in effect, regardless of when the student registers for the course.

Dropped courses are refundable according to the refund terms and schedule in effect for the current semester.

Tuition

Tuition refunds for dropped courses will be granted according to the following schedule:

Fall or Spring (16 week) semester

- 100% refund of tuition, associated general service fee, and associated technology fee prior to expiration of 4th semester day, (4 calendar days) scheduled from the first day of the start of the semester*.
- 80% refund of tuition prior to expiration of first 2 weeks, (14 calendar days) scheduled from first day of start of semester*
- 60% refund of tuition prior to expiration of first 3 weeks, (21 calendar days) scheduled from first day of start of semester*
- 40% refund of tuition prior to expiration of first 4 weeks, (28 calendar days) scheduled from first day of start of semester*
- No tuition refunds will be made after the end of the 28th calendar day, counted from the first day of the semester*. Refunds for courses other than regular day classes will be prorated.

*The start of the semester as published in the University Calendar

Beyond these dates, a student who drops a course because of excessive class non-attendance, poor academic performance, or similar causes, who withdraws without notice, or who is expelled and / or administratively withdrawn is not entitled to a refund. Failure to attend class or simply notifying an individual instructor will not be regarded as an official withdrawal.

Financial aid recipients who drop courses resulting in a change in enrollment status (full-time, part-time) from status at time of financial aid award may be subject to a reduction in institutional aid. This reduction in aid may result in student owing UMHB for the returned institutional aid. Please consult with UMHB's Bursar's Office or Financial Aid Office to understand this impact prior to adding or dropping a course.

Summer terms

- Please refer to the Tuition Refund section on the Bursar's webpage, bursar.umhb.edu for the complete Tuition Refund schedule for summer terms. Due to the accelerated nature of many summer courses, the tuition refund schedule also follows a more accelerated schedule.

Fees

Students are not entitled to refunds of general service fee, technology fee, or other required or special fees, except as indicated during the 100% refund period.

Room & Board

Students are not entitled to refunds of room & board charges since a housing commitment continues for an entire academic period.

Room Deposit

Unless refunded prior to initial occupancy in accordance with policies in the Guide to Campus Housing, the room deposit constitutes a permanent room deposit for as long as the student resides in university housing. The fee is refundable when a student ceases residency in university owned housing provided the student's room is clean and undamaged and the student has followed the required steps to notify Residence Life and withdraw from campus housing. The student must submit a room deposit refund request, in writing, to the Residence Life/Housing Office in the Student Development Department prior to June 1. If student has an outstanding balance on student account or other residential fines, the room deposit will be applied to that balance prior to issuing refund.

A student who moves into university housing and subsequently moves out prior to the end of a semester forfeits the campus housing deposit.

Withdrawing from the University

Students who withdraw from the University before the expiration of the semester or session for which they are enrolled must complete the official Withdrawal Form in the Registrar's Office and secure the approval of the Business Office. University housing students must also secure the approval of the Dean of Students before withdrawing from the University.

The federal government mandates that students who withdraw from all classes may only keep the financial aid they have earned up to the time of withdrawal. If a student withdraws or stops attending classes before 60% of a semester is completed, a portion of Title IV funds must be returned in accordance with U.S. Department of Education regulations. In addition, if a student fails to earn a passing grade in at least one class during the semester, the student is deemed by the U.S. Department of Education to have unofficially withdrawn. Title IV funds that were disbursed in excess of the earned amount must be returned by the University. This situation could result in the student owing aid funds to one or more of UMHB, the state, or the federal government.

To determine the amount of aid the student has earned up to the time of withdrawal, the Bursar's Office will complete a Return of Title IV (R2T4) calculation. The Bursar's Office will notify and provide instructions to students who are required to return funds to the government. If the student disputes the withdrawal date used in this calculation, the student must provide evidence of participation in an academically related activity after 60% of the semester to avoid return of Title IV funds. The University's R2T4 Policy can be found at www.umhb.edu/resources/bursar/additional-information#1845.

Students are encouraged to understand the financial impact of withdrawal prior to completing the withdrawal process. The Bursar's Office can assist the student in understanding this policy and the resulting financial impact.

In addition to federal aid returns, a student may be required to repay institutional aid funds to UMHB, based on tuition refund percentage, i.e. Students receiving 80% tuition refund will repay 80% of the institutional aid.

Students should also be aware that as a recipient of financial assistance, they must comply with the Satisfactory Academic Progress (SAP) Policy. By withdrawing, a student, may not be eligible for financial assistance from UMHB in the future, due to not completing a specified number of credit hours for which aid was disbursed.

A student who withdraws is immediately eligible to apply for readmission except that:

1. A student on academic suspension due to receipt of WFs for withdrawn courses cannot be readmitted until one Spring or Fall semester has passed; and

2. A student may be disqualified for readmission for disciplinary reasons.

Scholarships

Academic Scholarship Programs

President's Scholarship:

Criteria:	Minimum ACT: 31, or *SAT: 1390, or CLT: 100, or top 5% graduating rank, or Valedictorian/Salutatorian
Annual $ Amount:	$72,000: $18,000 per year
Required GPA:	2.0 (Cumulative)

Vice President's Scholarship:

Criteria:	ACT 28-30, or *SAT: 1300-1380, or CLT: 92, or top 10% graduating rank
Annual $ Amount:	$60,000: $15,000 per year
Required GPA:	2.00 (Cumulative)

Dean's Scholarship:

Criteria:	ACT 24-27, or *SAT 1160-1290, or CLT: 79, or top 15% graduating rank
Annual $ Amount:	$40,000: $10,000 per year
Required GPA:	2.0 (Cumulative)

Honor Scholarship:

Criteria:	Meet regular admissions requirements (top 50% graduating rank)
Annual $ Amount:	$28,000: $7,000 per year
Required GPA:	2.0 (Cumulative)

* SAT score equals Evidence-Based Reading and Writing + Math. All students must complete the written portion of the exam, but no minimum score is required.

Requirements for the First-Time Freshman Scholarships:

- Maintain full-time status (12 hours or more) each fall and spring semester.
- Must reside on-campus to receive the amounts shown. Students living off-campus will qualify for $3,000 less in annualized academic scholarship amounts ($1,500 per semester).
- ACT/SAT/CLT results must be received by the UMHB Admissions Office by April 1 for students entering the Fall semester or by November 1 for students entering the Spring semester. Retesting scores will not be considered after these deadlines.
- Renewable for up to eight consecutive fall and spring semesters with a minimum cumulative grade point average of 2.0 or above
- Academic Scholarships are limited to one per student.
- Scholarship criteria are subject to change each year.
- Must be enrolled as a degree-seeking undergraduate student.
- Please note that students may initially qualify for an academic scholarship based on self-reported and/or unofficial test scores. Official test score(s) should be submitted to the Admissions & Recruiting Office to finalize academic scholarship offerings.
- Academic scholarships are tuition-based scholarships and will only be applied to the tuition portion of a student's bill.
- Please note, receipt of additional funding (e.g. Veteran Affairs benefits, outside scholarship, increase in academic scholarships, etc.) may require adjustments to a student's financial aid award package.

Transfer President's Scholarship:

Criteria:	12 transferable hours with a minimum 3.5 or above cumulative grade point average
Annual $ Amount:	$12,000 per year
Required GPA:	2.0 (Cumulative)

Transfer Vice President's Scholarship

Criteria	12 transferable hours with a 3.0-3.49 cumulative grade point average
Annual $ Amount	$10,000 per year
Required GPA	2.0 (Cumulative)

Transfer Dean Scholarship

Criteria	12 transferable hours with a 2.5-2.99 cumulative grade point average
Annual $ Amount	$8,000 per year
Required GPA	2.0 (Cumulative)

Requirements for the Transfer Academic Scholarships:

- Renewable for up to 7 semesters with a minimum cumulative grade point average of 2.0 or above
- Maintain full-time status of 12 or more hours each fall and spring semester.
- The UMHB Admissions & Recruiting Office must have all prior college transcripts to evaluate scholarship eligibility.
- Awards are based on transcripts on file at UMHB. If a student's GPA changes when finalized transcripts are

received, awards may adjust to match any GPA changes.

- Academic Scholarships are limited to one per student.
- Previously enrolled UMHB students do not qualify for transfer academic scholarships.
- Scholarship criteria and amounts are subject to change each year.
- Must be registered as a degree-seeking undergraduate student.
- Academic scholarships are tuition-based scholarships and will only apply to the tuition portion of a student's bill.
- Please note, receipt of additional funding (e.g. Veteran Affairs benefits, outside scholarship, increase in academic scholarships, etc.) may require adjustments to your financial aid award package.

General Scholarships

Central Texas Scholarship Fund: All students will be assessed for this scholarship. Recipients are selected through the UMHB Financial Aid Office.

General Scholarship: All students will be assessed for this scholarship. Recipients are selected through the UMHB Financial Aid Office.

Minister's Dependent Scholarship: Students who are children or spouses of Baptist ministers currently engaged in half to full-time vocational ministry in a local Baptist church or through a Baptist mission-sending agency may apply for the Baptist Minister's Dependent Scholarship. Scholarship amounts are $1,500/year for full-time enrollment, $1,125/year for ¾ time enrollment, and $750/year for ½ time enrollment. The scholarship is renewable annually for students who are in good academic standing. The Director of Church Relations must verify eligibility.

BGCT Ministerial Financial Assistance (MFA) Scholarship: The Baptist General Convention of Texas provides financial assistance to Baptist students who are attending Texas Baptist Schools and preparing for careers in church-related vocations. Eligible freshman and sophomore students receive $50 per semester hour, and eligible junior or senior students receive $75 per semester hour. An applicant for the MFA scholarship must show evidence of a divine call to church-related vocational ministry, must demonstrate a life-style of commitment to the principles of Christian life, and must be an active member of a Baptist* church. Students receiving the scholarship must complete, at minimum, a minor in Christian Studies (see the Christian Studies degree requirements page in this catalog). First-year students must complete the UMHB Ministry Scholarship Application form and the BGCT First-Year Certification form (with Church Certification) to apply for the scholarship. After the first year, students must complete the Certification Renewal Form each year to remain on the scholarship. The scholarship works in conjunction with other tuition-based scholarships toward the tuition portion of the student's bill. The UMHB Director of Church Relations must verify eligibility. Applications are available in the College of Christian Studies office or from the UMHB Director of Church Relations.

International Student Scholarship: Undergraduate students with a current and valid F1 visa are eligible to receive the International Students Scholarship in the amount of $3,750 per semester. The amount will be applied to tuition charges only. Students may receive the scholarship in their first semester of full-time, academic credit enrollment. Students who qualify for this scholarship, but who are enrolled in English as Second Language (ESOL) classes will receive a 50% tuition discount on the ESOL classes instead of the scholarship. Students will transition to the International Student Scholarship whenever they have full-time enrollment hours outside of ESOL courses. The scholarship is available for eight semesters for a maximum award of $30,000 over those semesters. If additional full-time semesters are required for degree completion, the scholarship may be renewed at $3750 per full-time semester. Students must maintain good academic standing and adhere to US government regulations governing F1 visa recipients. If a student qualifies for both an academic scholarship and International Scholarship, the student will receive only the higher of the two scholarships.

Weir Annual Scholarship: All students will be assessed for this scholarship.

UMHB Music Scholarship: The Music Department at UMHB also offers scholarship assistance for students who plan on majoring/minoring in the music program. For more information, visit the UMHB Music Department website.

Student Development Scholarships

Resident Assistant Scholarship: Recipients of this scholarship serve as resident assistants (RAs) in assigned campus housing. Recipients are selected through the UMHB Student Development office.

ACADEMIC STANDARDS

Credit Hour

The credit hour is a unit by which an institution measures the volume of work a student must complete to earn credit for a course of study. Defining the work required in terms of credit hours allows for comparable work requirements across programs, majors, and degrees. The value of a credit hour may be determined by time, the educational experience, and outside preparation by the student.

For purposes of this policy, an hour of instructional time = 50 minutes. Thus, three instructional hours = 150 minutes.

The following constitutes the definition of a credit hour for various modes of instruction offered at UMHB:

1. Lecture/Seminar Classes: A credit hour equates to a minimum of forty-five (45) hours of student work: a minimum of fifteen (15) hours in-class or direct instruction plus a minimum of thirty (30) hours of out-of-class work.
2. Laboratory/Experiential Classes: A credit hour equates to a minimum of thirty (30) to forty-five (45) hours of direct instruction in a laboratory/experiential setting, and a minimum of fifteen (15) to thirty (30) hours of out-of-class student work per credit hour to total a minimum of forty-five (45) hours of student work.
3. Studio Art Classes: A credit hour equates to a minimum of forty-five (45) hours of student work: a minimum of thirty (30) hours in-class or direct instruction plus a minimum of fifteen (15) hours of out-of-class work.
4. Ensemble/Production Classes (Music and Theater): A credit hour equates to a minimum of ninety (90) hours of student work: a minimum of forty-five (45) hours in-class or direct instruction plus approximately forty-five (45) hours of out-of-class time. Total term hours may happen in irregular scheduling. Ensemble or Production Classes beyond degree requirements are awarded zero (0) credit.
5. Applied (Private) Music: A credit hour equates to a minimum of forty-five (45) hours of student practice, plus approximately seven and a half (7.5) hours of direct individual instruction.
6. Internships, clinical and field experiences require a minimum of forty-five (45) clock hours for each credit hour.
7. For online, hybrid and other nontraditional modes of delivery, credit hours are assigned based on learning outcomes that are equivalent to those in a traditional course setting; forty-five (45) hours of work by a typical student for each hour of credit.

Syllabi for every course will contain the appropriate definition of a credit hour from the list above. Each course should then follow this definition.

Course Numbers

The first digit in the numbering system denotes the course level (1-Freshman, 2-Sophomore, 3-Junior, 4-Senior). The second digit denotes the number of semester credit hours the course carries. The third and fourth digits are departmental numbers. Junior- and senior-level courses are upper-level. (e.g. UMHB 1110 would be a freshman-level class of 1 semester credit hour).

Student Course Load

To be considered a full-time undergraduate student, one must be enrolled in twelve semester credit hours for the fall/spring semesters and six for the summer session. Fifteen to eighteen semester credit hours is considered a normal undergraduate load for a regular semester. Six or seven semester credit hours is considered a normal undergraduate load for a summer session and three to four semester credit hours is considered a normal undergraduate load for mini-mester. Nineteen semester credit hours may be permitted during a regular semester, if the student has earned a minimum grade point average of 3.00 for the preceding semester. Any student desiring to carry a load in excess of this amount must have an overall GPA of 3.00 and at least a 3.30 GPA for the preceding semester before such a request may be considered. A maximum of 8 semester credit hours for one summer session or 14 semester credit hours for the full summer term may be permitted if the student has earned a minimum grade point average of 3.00 for the preceding semester or full summer term. Graduating seniors may be permitted to earn 15 semester credit hours during the full summer term. All overloads must be approved by the student's Dean.

Class Standing

The class standing of an undergraduate degree-seeking student is determined as follows:

0-29	semester hours earned	Freshman
30-59	semester hours earned	Sophomore
60-89	semester hours earned	Junior
90+	semester hours earned	Senior

Grading System

Grade	Range	Grade Points	Interpretation of Grades
A	90-100	4	Superior
B	80-89	3	Above Average
C	70-79	2	Average
D	60-69	1	Below Average
F	< 60	0	Failing
I*		0	Incomplete
IP*		0	In Progress
P*		0	Pass
CR*		0	Credit
NC*		0	No Credit
S*		0	Satisfactory
U*		0	Unsatisfactory
NG*		0	No Grade Submitted
AU*		0	Audit
W*		0	Withdrawal
WP*		0	Withdrawal—Passing
WF*		0	Withdrawal—Failing

*** Not counted in computing GPA**

Incomplete Grade

An "I" (Incomplete) indicates **inability** of a student to complete some vital requirement of a course (e.g. final exam, major report, term paper, etc.) **due to conditions beyond the student's control**. It is not the intent of the "I" grade to give a student an unfair time advantage over other students who complete their work in a timely manner. An "I" grade will be approved only when exceptional circumstances, clearly beyond the student's control, are substantiated (e.g. protracted illness, injury, or other acute personal emergency). It is the responsibility of the student to contact his/her professor prior to the final exam to execute the Incomplete Grade Contract.

Once an "I" grade is assigned, it is the responsibility of the student to take the initiative to complete the work within thirty (30) calendar days after the start of the next semester (excluding full summer term). If more than thirty days are required, an extension request is to be submitted by the student through the instructor and Associate Dean or department chairperson to the Dean. Approved extensions will be filed with the Registrar's Office. An extension longer than the end of the next semester (excluding full summer term) will not be approved. **The "I" will be automatically changed to an "F" if the course is not satisfactorily completed within this time frame.** A $25 fee is charged to remove an "I" grade.

Grade Reports

All final grades are available on MyCampus at https://mycampus.umhb.edu/ics/.

Transcript of University Credits

A transcript of university credits is an official copy of a student's permanent record, bearing the University seal and the signature of the Registrar. Copies of students' transcripts are available upon written request to the Registrar's Office.

Requests should include the students' name at time of attendance, social security number, or student identification number, and complete address of where the transcript is to be sent. Requests can be sent to:

Office of the Registrar
UMHB Box 8425
900 College Street
Belton, TX 76513

Transcripts will not be released if the student owes money to the University. This includes, but is not limited to, money owed to the library, bookstore, health center, business office, or any other department or agency considered a part of the University.

Disciplinary Notation on Transcript

If a student is ineligible to reenroll at UMHB for a reason that is neither academic nor financial, the university is required by law to note that fact on the student's transcript.

If a student withdraws from the university with pending disciplinary charges that may result in the student becoming ineligible to reenroll for a reason that is neither academic nor financial, the university may not end the disciplinary process until it makes a final determination of responsibility and eligibility to reenroll.

Any transcript issued while such charges are pending may be reissued with the required notation by the university (1) once the disciplinary charge is concluded (and the student is found responsible), and (2) the student's appeal rights are either concluded or expired. For purposes of this policy, a disciplinary charge is pending as soon as an allegation of student misconduct has been made to the university official who is responsible for making an investigation or determination with respect to such misconduct.

The university may remove a notation described in this paragraph from a student's transcript if the student requests

the removal and the university determines that good cause exists to remove the notation.

Credit by Examination

Students seeking credit by examination may earn semester hours through the following examinations:

- American College Testing (ACT) Program - National Assessments Only
- CollegeBoard Advanced Placement (AP) Examinations
- CollegeBoard SAT College Admission Test
- College Level Examination Program (CLEP) Examinations
- DSST (formerly DANTES)
- International Baccalaureate Program (IB) Examinations
- Departmental Examinations

Taking an Exam

- Refer to the current Student Testing Services information on-line at https://go.umhb.edu/resources/testing/home for a complete list of approved examinations, minimum scores, additional requirements, and corresponding courses.
- Permission for department examinations must be secured from the specific subject area Associate Dean or Department Chairperson. (A student seeking credit through a department examination during his or her last thirty hours must secure a petition first from the Dean of the student's college)
- Application for CLEP examinations must be made at the Student Testing Services Center. Arrangements for department examinations must be made through the respective academic department. (Students with disabilities should make arrangements at the time of application to test under conditions that meet their pre-approved, documented requirements)
- Fees must be paid for test administration and for transcription of credit awarded.
- Prerequisites for courses for which a student is seeking credit must be satisfied prior to the examination.

Credit by Exam Policies

Official credit by examination policies are listed in the Student Testing Services brochure and can be obtained from the Student Testing Services Center or on-line at https://go.umhb.edu/resources/testing/home. The following are some important policies:

- Credit for any course a student has previously audited, taken for noncredit, received the grade of "D", or failed may not be earned by examination.
- Duplicate credit will not be awarded.
- Grade points are not earned through credit by examination.
- Residence hours may not be earned through credit by examination.
- No more than one-fourth of the total semester credit hours required for a degree may be earned through credit by examination.
- Students may not use more than six hours of credit by exam for English or Writing courses. This includes credits earned by any combination of exams (AP, CLEP, etc.)
- Credit earned by examination will be placed on a student's transcript after the official score report is received, processed, and the transcription fee is paid.
- Credit by examination secured through another college or university by a student transferring to UMHB must meet the minimum score requirements stated in the Student Testing Services brochure in effect at the time of the request.
- An official ACT, AP, or CLEP test score report must be sent to the Registrar for evaluation of the credit.
- Processing of transcripts is accomplished by the Registrar's Office.

Provost's Honor Roll

At the end of the fall and spring semesters, a scholastic honor roll is compiled by the Provost. This honor roll includes all students completing 12 or more undergraduate hours during the semester who have earned a 3.85 grade point average or above on those hours. Neither courses taken at another institution during a semester nor courses earned by examination such as Advanced Placement or CLEP count toward requirements for the Provost's Honor Roll.

Dean's Honor Roll

At the end of the fall and spring semesters, a scholastic honor roll is compiled by the dean of each college. This honor roll includes all degree-seeking undergraduate students who had completed 12 or more undergraduate hours during the semester and earned a 3.50 grade point average or above on those hours. Neither courses taken at another institution during a semester nor courses earned by examination such as Advanced Placement or CLEP count toward requirements for the Dean's Honor Roll.

Academic Standing

A student is considered to be in Academic Good Standing if he or she maintains a minimum grade point average (GPA) of 2.0 on cumulative hours attempted. Academic Standing will be determined at the end of each fall and spring semester. A student may request that Academic Standing be reviewed at the end of a summer term by contacting the Registrar's Office in writing. GPA as described in this policy will not be rounded up.

First Academic Warning:

An undergraduate student failing to meet the minimum standard above is automatically placed on First Academic Warning for the ensuing "long" semester:
A student who enters the University on First Academic Warning or who is placed on First Academic Warning is expected to conform to the following rules:

1. Academic load may not exceed 15 semester hours;
2. Student must adhere to individualized academic action plan created in consultation with the student's assigned staff member in the Center for Academic Excellence.
3. Student must complete any other assigned education courses, seminars, or similar activities.

The student will return to good academic standing at the end of the term if the cumulative GPA is 2.0 or higher.

Second Academic Warning:

If a student does not meet the requirements to be removed from First Academic Warning at the end of one "long" semester, he/she will be placed on Second Academic Warning.

During the period of Second Academic Warning, these rules will apply:

1. Academic load may not exceed 15 semester hours;
2. Student must adhere to an individualized academic action plan in consultation with the student's assigned staff member in the Center for Academic Excellence.
3. Student will be able to participate in all activities related to courses for which the student is enrolled; however,
4. Student will not represent the University of Mary Hardin-Baylor in any activity (except those related to courses for which the student is enrolled) under the direct supervision of any university area, such as intercollegiate athletics, contests and off- campus productions; and
5. Student may still participate but will not hold a leadership/officer position/role in any activity (except those related to courses for which the student is enrolled) under the sponsorship of any university area, such as student clubs and organizations.

Academic Suspension:

A student who does not achieve a cumulative GPA of 2.0 or better during the semester on Second Academic Warning will be placed on Academic Suspension. Students placed on academic suspension will be suspended for a minimum of one "long" semester (see**).

For example: A student placed on academic suspension at the end of the fall semester will not be allowed to re-enroll until the start of the summer semester. For students who are placed on academic suspension at the end of the spring semester, the suspension will begin at the next fall semester and students may still participate in summer classes.

**If a student placed on academic suspension at the end of Spring semester participates in summer classes, and at the end of the summer session the student's cumulative GPA is 2.0 or higher, the student will return to good academic standing and the suspension for the Fall semester will be cancelled. Students are responsible for contacting the Registrar's office to initiate this reinstatement to good academic standing. Summer classes may be taken at UMHB or at another institution, but it is the student's responsibility to contact the Registrar's Office to determine if summer classes taken at another institution are transferrable to UMHB. If the transfer of credit is approved, the student must provide a transcript from the other institution to the Registrar's Office showing the successful completion of the course(s) for academic standing to be recalculated.

A student who has been academically suspended must apply to be readmitted to the university through the university's regular admission procedure. The readmission application will be considered according to the institution's admission standards.

For GPA requirements for particular programs, please reference the appropriate section in the Catalog

Academic Appeal

Grounds for Appeal

Students may appeal any academic decision that is arbitrary, capricious, or unfair. For an appeal to have merit, the student must show that the decision was clearly erroneous or that the university failed to follow its policies or rules.

The following do not form a valid basis for an academic appeal:

- Dissatisfaction with a grade or decision
- Poor academic performance as a result of the student's personal circumstances

- Interference caused by the student's employment
- Failure to make a timely application for a disability accommodation
- Failure to make a timely application for a withdrawal, including a withdrawal necessitated by illness or injury

At every level the appeal must be in writing and state: (1) the change requested, (2) all valid reasons for the change, (3) any evidence to support the change, and (4) the student's contact information. Appeals must be submitted utilizing the form available on the report it page of the UMHB website.

Appeals Related to Academic Coursework

An appeal must be submitted to the faculty member who made the decision no later than ten (10) calendar days after the decision. The faculty member shall notify the student of the appeal decision within seven (7) calendar days.

The student may appeal the faculty member's decision to the dean of that college. The appeal must be submitted by the student within seven (7) calendar days after receiving the faculty member's decision.

The dean (or the dean's designee) will provide the student a written decision on the appeal within seven (7) calendar days after receiving the appeal.

The student may appeal the dean's decision by submitting an appeal to the Provost's Office within seven (7) calendar days after receiving the dean's decision. The Provost or the Provost's designee will provide the student a written decision on the appeal within seven (7) calendar days after receiving the appeal. This decision shall be final.

Timelines

If the student has received no response within seven (7) calendar days after submitting an appeal to the dean or provost's office, the student may inquire of the appeal recipient about the status of the appeal.

Other Provisions

The Provost's Office may extend the time for the university to respond to an academic appeal at any level when the appeal requires more extensive review, a school break occurs during the appeal response time, or other extenuating circumstances apply.

If an academic decision affects both a student's grade in a course and dismissal from a Program because of the grade, the appeal shall take both issues into consideration as a singular appeal.

Faculty who are no longer employed by the University (e.g. retired, adjuncts) are not participants in the appeal process beyond their last day of employment. In such a case the student should begin the appeal at the next level. If the appeal is in progress, the exiting faculty member will pass the appeal to the next administrator in line for completion.

Other Types of Academic Appeals

The procedure for appealing decisions regarding incidents of academic dishonesty is discussed in the Academic Integrity section of this Catalog.

For academic appeals not otherwise specified in this policy, the student should promptly consult the Provost's Office for specific information on whether an appeal process is available.

REGISTRATION POLICY AND PROCEDURES

Registration is completed according to the procedures and time schedule published on the website at http://registrar.umhb.edu.

Academic Advisement

Each student is assigned an academic advisor according to major. The academic advisor assists the student in making progress towards a degree. **Prior to registering each semester, all students must obtain approval of their proposed schedules as well as registration clearance in the student information system from their assigned academic advisor.**

Dropping or Adding Courses (Schedule Change)

All dropping, adding, and changing courses must be arranged by the student through the Registrar's Office in order to be considered official. A student wishing to drop or add a course must complete the schedule change (if prior to the start of the semester) through the UMHB online registration system accessible via MyCampus or (if on or after the start of the semester) by contacting the Registrar's Office in person or via email. Schedule changes may not be conducted over the phone. Students receiving VA benefits must also provide information on schedule changes to the UMHB VA Office.

Courses may be dropped as follows. Students should refer to the website for the exact dates of each drop period as these dates will vary:

- **The Pre-Census* Period:** If a course is dropped before or on the census date, no grade or record of the class will appear on the student's transcript.
- **The "W" Period:** If a course is dropped during the "W" Period, the class is recorded on the student's transcript with a grade of "W".
- **The "WP/WF" Period:** If a course is dropped during the "WP/WF" Period, the class is recorded on the student's transcript with a grade of "WP" or" WF" as reported by the instructor.
- **No course may be dropped after the end of the "WP/WF" Period.**

Any student who stops attending a class but fails to officially drop the course through the Registrar's Office will be given a failing grade in the class.

*Census date is the specific day in the semester that is used for all official reporting or calculations. It is currently the eighth class day.

Repeating a Course

A student may repeat a course for the purpose of raising a grade by re-taking that course at UMHB or at another accredited institution.

For a course re-taken at UMHB, the highest grade earned will be used to compute the cumulative grade point average. Nonetheless, the grades for all attempts will print on the transcript. The graded hours and quality points for each additional time the course was taken will count in the respective term grade point average but not towards graduation requirements.

Re-taking a course at another accredited institution that was initially taken at UMHB may satisfy degree requirements so long as a grade of "C" or higher is attained for the transfer course. The grade for the transfer course, however, is not posted to the student's academic record and is not included in term or cumulative grade point average calculations. Instead, the UMHB grade is flagged as a repeat and removed from the cumulative grade point average calculation. Nonetheless, the UMHB grades for all attempts will print on the transcript.

Students re-taking a course at another accredited institution that was initially taken at UMHB are strongly urged to submit a Pre-approval of Transfer Credits Form to the Registrar's Office to ensure the suitability of the course prior to enrolling at the other institution.

Audit Registration

A student may register for most courses by audit, however, laboratory courses, workshops, activity PE (EXAC) courses, and music ensembles may be audited only by approval of the instructor. An audit course may not be changed to a credit course nor may a credit course be changed to an audit course after the last day of registration for that particular course.

Withdrawal from the University

Students who withdraw from the University before the expiration of the semester or session for which they are enrolled must complete the official Withdrawal Form in the Registrar's Office and secure the approval of the Business Office. University housing students must also secure the approval of the Dean of Students before withdrawing from the University.

The federal government mandates that students who withdraw from all classes may only keep the financial aid they have earned up to the time of withdrawal. If a student withdraws or stops attending classes before 60% of a

semester is completed, a portion of Title IV funds must be returned in accordance with U.S. Department of Education regulations. In addition, if a student fails to earn a passing grade in at least one class during the semester, the student is deemed by the U.S. Department of Education to have unofficially withdrawn. Title IV funds that were disbursed in excess of the earned amount must be returned by the University. This situation could result in the student owing aid funds to UMHB, government or both.
To determine the amount of aid the student has earned up to the time of withdrawal, the Bursar's Office will do a Return of Title IV (R2T4) calculation. The Bursar's Office will notify and provide instructions to students who are required to return funds to the government. If the student disputes the withdrawal date used in this calculation, the student must provide evidence of participation in an academically related activity after 60% of the semester to avoid return of Title IV funds. The University's R2T4 Policy can be found at https://www.umhb.edu/resources/bursar/additional-information#1845.

Students are encouraged to understand the financial impact of withdrawal prior to completing the withdrawal process. The Bursar's Office can assist the student in understanding this policy and the resulting financial impact.

In addition to federal aid returns, a student may be required to repay institutional aid funds to UMHB, based on tuition refund percentage, i.e. Students receiving 80% tuition refund will repay 80% of the institutional aid.)

Students should also be aware that as a recipient of financial assistance, they must comply with the Satisfactory Academic Progress (SAP) Policy. By withdrawing, a student, may not be eligible for financial assistance from UMHB in the future, due to not completing a specified number of credit hours for which aid was disbursed.

Students are encouraged to consider carefully both the program and financial implications of an official withdrawal or receipt of failing grades for discontinuing attendance without an official withdrawal.

A student whose withdrawal is necessitated by illness or injury may qualify for a Medical withdrawal. Additional information about Medical withdrawals may be obtained by contacting the Dean of Students at mburns@umhb.edu. Medical withdrawals must be initiated by the student within three weeks of the last day a student attends class.

A student who withdraws is immediately eligible to apply for readmission except that:

- A student on academic suspension due to receipt of WFs for withdrawn courses cannot be readmitted until one Spring or Fall semester has passed; and
- A student may be disqualified for readmission for disciplinary reasons.

Students experiencing a disruption in enrollment lasting longer than one academic year must reorganize their respective degree plan to conform with the current catalog.

Failing grades in all courses will be posted for any students who stop attending classes but do not officially withdraw. Students are encouraged to consider carefully both the program and financial implications of an official withdrawal or receipt of failing grades for discontinuing attendance without an official withdrawal.

Administrative Withdrawal

The university reserves the right to withdraw a student from classes and/or the university if the student's account is delinquent or if such action is deemed in the best interest of the student and/or the university. Students who are administratively withdrawn are subject to the refund and withdrawal policies of the University.

Recorded grades for students who are administratively withdrawn will be I, W, WP, WF, NC or F. The grade will depend on the time of withdrawal and the student's grade at that time or the circumstances causing the withdrawal. Depending on the circumstances of the withdrawal, an application may be required for readmission.

CLASSROOM EXPECTATIONS AND ETHICS

Children in the Classroom

One of the advantages employees and students have at UMHB is the family atmosphere created by the small size of the UMHB classes and the value placed on people in our learning community. The value placed on people also makes it necessary for the university to provide employees and students a comfortable, safe, and non-distracting work or study environment. Students and employees should not bring children into the classroom. Occasional needs or emergency situations should be discussed with students' instructors. This policy is designed to be people-sensitive both in emergencies and in the day-to-day function of the university.

Christian Citizenship

UMHB accepts students of all faiths or persuasions, but attendance at the University should be understood by all as a statement of agreement to live in accordance with the regulations governing the campus community. The spirit of Christian behavior is demonstrated in conduct, speech, dress, attitudes, integrity, honesty in academic and personal activities, and respect for the property and rights of others as well as respect for the officials of the University. This applies both to on-campus and off-campus life.

Student Responsibility

All students are responsible for knowledge of and adherence to regulations governing admissions, advising, registration, drop/add, withdrawal, and financial settlement. Students are also expected to be familiar with the specific academic and attendance requirements of the degree/certification that they plan to pursue.

Class Attendance

The University of Mary Hardin-Baylor expects regular and punctual attendance in class. Punctuality is deemed as important as attendance since tardiness is disruptive and distracting to both faculty and fellow students and is undesirable for personal and professional activities. Students arriving late to class assume responsibility for checking with the instructor to make sure they were marked tardy instead of absent. Because attendance is expected, students are responsible for all course work and assignments. Students are required to abide by the attendance policy that pertains to each class, as indicated in the course syllabus.

Types of Absence

University Excused Absence: An absence due to participation in certain University-related activities may be designated as a University Excused Absence. If an absence is designated as a University Excused Absence, faculty will provide reasonable opportunity for students to make up work that is missed. If it is not feasible for the student to make up work, some allowance may be made in order that the student will not be overly penalized. The student must inform the instructor regarding a University Excused Absence in advance of that absence. This will allow a reasonable opportunity for the student to make up missed work. Depending on the policies of a course's academic college, department or program, University Excused Absences may count toward the total number of absences allowed in a course.

Excused Absences: Students who miss class due to illness, death of a family member, or other unavoidable circumstances may be granted an excused absence. Should an excused absence be granted, faculty will provide reasonable opportunity for student to make up work that is missed. If it is not feasible for the student to make up work, some allowance may be made in order that the student will not be overly penalized. The student must inform the instructor as soon as possible of such absences. It shall be up to the discretion of the faculty member to determine whether the circumstances that caused the absence warrant granting an excused absence. The instructor may request verifying documentation for non-medical care related absences (i.e. death in family). It is the student's responsibility to check with the instructor upon their return to class as to whether a particular absence will be considered excused.

Unexcused Absences: Absences for reasons other than University Excused Absences or Excused Absences are Unexcused Absences. Students who miss class due to an unexcused absence may only make up work at the discretion of the individual instructor, as stated in the course syllabus.

In those instances where absence policies limit the number of absences allowed in a class, faculty may count all absences—University Excused Absences, Excused Absences, and Unexcused Absences—toward the total. All absences are counted from the first class session of the term.

While some colleges or departments might have policies that are used by all faculty in the respective college or department, students are required to abide by the attendance policy that pertains to each class, as indicated in the course syllabus.

Academic Decorum

The learning environment involves an exchange of ideas and an exploration of concepts between faculty and students and a certain level of decorum facilitates that learning environment.

In order to create an effective learning environment, the university expects students to:

1. Be prepared for class. This includes careful reading of assignments, being prepared to participate in discussions and completing any assignments due.
2. Be attentive and responsive.
3. Respect fellow students' opinions and ideas.
4. Contribute to the class by making topic-specific comments, as appropriate.
5. Offer critiques and alternative ideas in a non-condescending manner.
6. Provide a fair share of work to group projects and team activities.
7. Students should always exhibit good digital citizenship such as:

- Responding to others in a respectful way
- Using appropriate language on posts (i.e. Professional and no foul language.
- If posting pictures, making sure they are appropriate and that you have permission.

Behaviors that students must avoid include:

1. Talking, sleeping, or otherwise distracting members of the class.
2. Using electronic devices in class without permission or in a manner that disrupts the class or other students.
3. Exhibiting argumentative or attention-seeking behavior.
4. Failing to act with civility.
5. For online courses, exhibiting disrespect and poor digital citizenship.

Academic Integrity

As an institution committed to the Christian values of honesty and integrity, the University of Mary Hardin-Baylor expects all members of the learning community to commit themselves to high standards of academic integrity. Academic integrity is vital not only as we live out our Christian calling but also for our students' success in their future vocations. To that end, students are expected to take responsibility for all the work they produce at the University and to ensure that it meets the University's standards for academic integrity.

Section One: Standards of Academic Integrity

1. Written work shall reflect the student's own ideas, and any use of others' words, ideas, or patterns of thought shall be appropriately quoted and/or cited.

- Plagiarism in any form is expressly prohibited.
- Failure to comply with the university's copyright policy is expressly prohibited: http://libguides.umhb.edu/copyright.

2. Students are responsible for understanding the instructor's rules governing any particular piece of academic work and abiding by those rules. Any questions about persons or materials not authorized to be used on any particular assignment shall be clarified before accessing those persons or materials.

- Submitting academic work produced with unauthorized assistance or materials is expressly prohibited. This may include assistance from fellow students, other faculty members, textbooks, notes, online resources, or commercial sources such as professional paper writers that are available for hire, or any other material that has not been authorized by the instructor for use.
- Papers (in whole or in part) or other work prepared for one course shall not be submitted to meet the requirements of another course without express permission from the instructor.

3. Students assigned to collaborate in group projects are expected to contribute their fair share of the work necessary to complete the project or notify the instructor of their failure to contribute.

4. Academic integrity requires that students be truthful in all their academic work.

- Falsifying research data, lab reports, or other academic work product is expressly prohibited.
- Students must refrain from disclosing the specific contents of any test, exam, or other required assignment to a student who will, or may, later be required to complete that same assignment.
- Students must refrain from soliciting or otherwise acquiring specific information about the contents of any test, exam, or other assignment that will, or may, be administered in the future.

5. As members of a learning community, we all have a responsibility to assure that all members have equal access to learning materials. Keeping, taking, intentionally misplacing or damaging library books, online files, laboratory equipment, or other academic resources in order

to obtain an academic advantage over another student is expressly prohibited.

6. Students taking online courses shall be diligent to maintain the same standards of academic integrity for work performed off campus as for work performed in the classroom, the library, or other campus facilities. Online students shall maintain strict privacy of their login identity and passwords.

7. The University's standards of academic integrity go beyond the classroom to encompass all aspects of a student's academic life.

- Falsifying an academic record, a degree plan, a prerequisite waiver, or any other official document is expressly prohibited.
- Students must not mislead any official of the University in order to secure a required form or otherwise obtain an academic advantage.

8. The University is a learning community in which participants are responsible for one another.

- Assisting a student in any violation of the academic integrity standards is expressly prohibited. For example, providing or receiving unauthorized assistance, including (but not limited to) taking another student's exam, providing answers to another student during a test, or contributing to another student's written work without permission.

This is not an exhaustive list and the university reserves the right to interpret and reasonably apply academic standards to individual situations.

Section Two: Violations of Academic Integrity Standards

1. Students who violate these standards shall be subject to appropriate sanctions as determined by the circumstances of the act of academic dishonesty.

- Category One violations are defined as incidents of alleged academic dishonesty that occur within a single course.
- Category Two violations are defined as incidents of alleged academic dishonesty that occur in multiple courses and/or multiple incidents within a single course during the student's enrollment at UMHB.

2. In furtherance of the mutual responsibility students share for academic integrity, students are expected to respond fully and candidly to any request from a University official for assistance in any investigation of violations of the University's standards. Failure to respond candidly and fully to such a request is a violation of the university's standards of conduct.

3. The university will normally use a progressive system of sanctions for students who violate this policy, but reserves the right to consider the totality of a situation (including mitigating or aggravating factors, previous incidents, current academic performance, etc.) and may impose one or more sanctions for any instance of misconduct. The university may use the following sanctions or another sanction that the university deems appropriate under the circumstances.

- Category One: Faculty members may impose a verbal warning, a lower or failing grade, additional or repeated assignments and/or suspension from participating in an academic group or event associated with that course (i.e. speech team, music ensemble, travel to a conference, etc.)
- Category Two: In addition to one or more of the sanctions above, the persons appointed by the Provost * to conduct the review may impose such sanctions as (1) suspending the student from the university for one long semester, (2) removing the student from a course, and/or (3) removing the student from a major, or alternatively (4) recommending to the Provost that the student be expelled from the university. For sanctions of removal from a course, suspension or expulsion, the university's grading, tuition, housing and other refund policies will apply.

*Although the Associate Provost is typically tasked with review of student appeals, the Provost may designate this review to another administrator.

4. If the incident of academic dishonesty involves other possible student conduct violations, the faculty member or other reviewing authority shall immediately report the incident to the Dean of Students, who will review the matter as outlined in the university's Student Handbook.

5. Review Process for Allegations of Academic Dishonesty:

- Category One: An incident of alleged academic dishonesty that occurs within a single course:

1) If a faculty member has reason to suspect academic dishonesty may have occurred within a course he/she is teaching, the faculty member will request a meeting with the student to discuss the issue. This meeting should occur within two (2) business days from the date that the faculty member became aware of the possible student misconduct. Students are required to meet with the faculty member upon request and to cooperate in the process.

2) In the course of this meeting, the faculty member and the student may agree on whether academic dishonesty occurred and any appropriate academic penalty. The student may withdraw such an agreement by notice to the faculty member within three (3) days business days after the agreement was made.

3) If the student fails to meet with the faculty member, or in the absence of an agreement between the faculty

member and the student suspected of academic dishonesty, the faculty member may interview other persons who may have pertinent information about the allegations, including any person identified by the student who may provide information on the student's behalf. The faculty member may also request information or counsel from other persons whom the faculty member may consider appropriate and conduct additional interviews with the accused student.

4) The preceding steps may occur in an order different from that listed above. In particular, faculty members may decide to interview other persons before meeting with the student, if the faculty member deems it appropriate.

5) Sanctions and Reporting to the Provost's Office

- The faculty member will make a decision regarding the allegations against the student and any sanction imposed within a reasonable time, normally within two weeks after the initial meeting, although the school schedule may require a longer period of time. If sanctions are imposed, the faculty member will notify the student of the decision in writing (using the form in Appendix A).
- The faculty member will also inform the student in writing that he/she will report the violation to the Provost's Office, and if there are other instances of academic dishonesty on record, the student will be contacted by the Provost's Office and may be subject to additional sanctions.
- The faculty member will contact the Provost's office via the Academic Dishonesty Incident Report portal (found on the Faculty Tab of MyCampus) so that the Provost's Office can determine whether the student has had previous incidents of academic dishonesty.

6) Under normal circumstances, sanctions imposed by the faculty member are not effective until the time for appeal has expired or a student has exhausted the appeal process. However, the Associate Dean or Dean (as determined by the College) may direct that any sanction imposed will take effect immediately if it is determined that immediate sanctions are reasonably necessary, given the circumstances of the incident.

7) The student has the right to appeal the faculty member's decision by delivering a letter of appeal to the Associate Dean or Dean (as determined by the School or College) within seven (7) calendar days after notification of the decision by the faculty member. The letter of appeal shall state the portions of the faculty member's decision which the student wishes to appeal, the reasons why the student disagrees with the faculty member's decision, and the relief requested by the student.

8) The Associate Dean or Dean (as determined by the School or College) shall review the faculty member's decision in light of the letter of appeal. The Associate Dean or Dean (as determined by the School or College) may interview anyone who may have pertinent information about the issue and request information or counsel from other persons.

9) The Associate Dean or Dean (as determined by the School or College) will provide a written decision on the appeal to the student and the faculty member within a reasonable time, normally within ten (10) days after receiving the appeal, although the school schedule may require a longer period of time. The Associate Dean or Dean (as determined by the School or College) may affirm the decision of the faculty member, make a different determination of the facts, or change any academic penalties imposed on the student. The decision of the Associate Dean or Dean (as determined by the School or College) is final.

- Category Two: For incidents of alleged academic dishonesty that occur in multiple courses and/or for multiple incidents within a single course during the student's enrollment at UMHB:

1) After the Associate Provost is notified of an act of dishonesty and has verified that it is not the first incident, and after the appeal process regarding the faculty's sanctions for the latest incident is completed or expired, s/he will begin a review of the incidents.

2) The Associate Provost will arrange a meeting with the student to discuss the issue.

- Students are required to attend this meeting and to cooperate in the process.
- It is important to note that at this point in the process, a student has been found responsible for academic dishonestly on at least two occasions, and the Associate Provost role is to determine whether additional sanctions should be imposed after a review of the circumstances and sanctions already imposed.
- The Associate Provost may interview other persons who may have pertinent information about the incidents, including any person identified by the student who may provide information on the student's behalf.

3) The Associate Provost will make a decision regarding any additional sanction imposed (up to and including suspension) within a reasonable time, normally within two weeks after the initial meeting*, although the school schedule may require a longer period of time. If sanctions (up to and including suspension) are imposed, the Associate Provost will notify the student of the decision in writing. See section below for sanctions regarding expulsion.

*If the student fails to meet with the Associate Provost for two consecutive scheduled appointments, the Associate Provost will continue the review with the available information.

4) The Associate Provost shall report the decision to the Provost, typically within five (5) business days of the decision. Upon receipt, the Provost will update the student's record and notify any other university offices necessary to process a sanction, if one is given.

5) The student has the right to appeal the Associate Provost decision by delivering a letter of appeal to the Provost within seven (7) calendar days after the decision by the Associate Provost. The letter of appeal shall state the portions of the Associate Provost's decision which the student wishes to appeal, the reasons why the student disagrees with the decision, and the relief requested by the student.

6) The Provost shall review the Associate Provost's decision in light of the letter of appeal. The Provost may interview anyone who may have pertinent information about the issue and request information or counsel from other persons.

7) The Provost will provide a written decision on the appeal to the student and the Associate Provost within a reasonable time, normally within ten days after receiving the appeal, although the school schedule may require a longer period of time. The Provost may affirm the decision of the Associate Provost, make a different determination of the facts, or change any academic penalties imposed on the student. The decision of the Provost is final.

Expulsion: In the event that the Associate Provost recommends a student be expelled from the university, the following steps will apply:

1) The Provost will review the matter, request information or counsel from other persons as he may consider appropriate, including at a minimum the Dean of Students, and may elect to conduct additional interviews with the student or others. The Provost may affirm the Associate Provost's recommendation, impose one or more different sanctions, or refer the matter back to the Associate Provost for consideration of different sanctions. If the student is expelled, the Provost will notify the student in writing and will also notify any university office necessary to process expulsion.

2) If the student is expelled, the student may appeal the expulsion to the President. The procedure for an appeal to the President shall be the same as set out in steps 8, 9 and 10 above for an appeal to the Provost. The President's decision shall be final.

Under normal circumstances, sanctions imposed are not effective until the time for appeal has expired or a student has exhausted the appeal process. However, sanctions imposed will take effect immediately if reasonably necessary, given the circumstances of the incident.

The application of the University's Academic Dishonesty policy is strictly a matter between the student and the University. A faculty member or administrator has no obligation to permit a student to be accompanied by a parent or other advisor during any part of the process.

Final Examination Policy

Finals are to be given on the date and at the time scheduled. If a student needs to take an exam at an unscheduled date/time, the following process must be followed.

Students requesting a change to their exam schedule as a disability accommodation or a Title IX supportive measure should contact the Director of Student Disability Services or Title IX Coordinator as soon as possible.

For any other request, the student must fill out a "Request To Reschedule Final Examination" form. This form will need to be approved first by the respective instructor and then by the student's dean. A $40.00 fee will be charged for taking a final at an unscheduled time. This fee must be paid to the cashier before taking the final; the receipt should be presented to the instructor when taking the final.

If the published final examination schedule requires a student to take three final examinations in one day, the student has the option to reschedule one of these three examinations following the process outlined above. In such an instance, the $40 fee will be waived.

MILITARY BENEFITS

Veterans and Family Members

The University of Mary Hardin-Baylor is fully approved to offer instruction to students attending college under the provisions of the United States Code, Title 38, and Chapter 30, 31, 32, 33, 35, 1606, and 1607.

The University contacts for individuals planning to use Veterans Administration (VA) benefits are the Veterans' Certifying Officials in the Registrar's Office.

Veterans who have successfully completed basic training will be granted a PE Activity waiver (unless specific EXSS courses are required) after providing satisfactory documentation to the Registrar's Office.

An individual planning to attend UMHB using VA benefits must comply with the following procedures:

1. **Complete all requirements for admission** to the University as a degree-seeking student or as a transient student with an approved formal degree plan from another university.
2. Have an evaluation of service schools/experiences completed by the Registrar's Office to determine any awarding of military credit.
3. In coordination with an assigned academic advisor, register for only courses that are required for completion of your selected degree.
4. Maintain satisfactory academic progress. The provisions found under the headings of "Scholastic Probation" and "Academic Suspension" in this catalog will apply.

In compliance with the Veterans Benefits and Transition Act of 2018, section 3679(e) of Title 38, United States Code, the University of Mary Hardin-Baylor

- will permit any **covered individual** to attend or participate in the course of education during the period beginning on the date on which the individual provides to the University a certificate of eligibility for entitlement to educational assistance under Chapter 31 or Chapter 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the U.S. Department of Veterans Affairs' (VA) website - eBenefits, or a VAF 28-1905 form for Chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the University.
2. 90 days after the date the University certified tuition and fees following the receipt of the certificate of eligibility.

- will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a **covered individual** borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the University due to the delayed disbursement funding from VA under Chapter 31 or 33.

As allowed under the Veterans Benefits and Transition Act of 2018, section 3679(e) of Title 38, United States Code, the **covered individual** will be required to:

1. Submit a certificate of eligibility for entitlement to educational assistance no later than the first day of a course of education.
2. Submit a written request to use such entitlement.
3. Provide additional information necessary to the proper certification of enrollment by the University (for example, official transcripts from all previously attended institutions).
4. Pay any amount that is the difference between the amount of the student's financial obligation and the amount of the VA education benefit disbursement.

Note: A Covered Individual is any individual who is entitled to educational assistance under Chapter 31, Vocational Rehabilitation and Employment, or Chapter 33, Post-9/11 GI Bill® benefits.

Tuition Assistance

The University of Mary Hardin-Baylor is approved through the Memorandum of Understanding (MOU) enforced by the U.S. Department of Defense (DOD) to facilitate Tuition Assistance (TA) benefits for Service members.

To receive Tuition Assistance benefits:

1. **Complete all requirements for admission** to the University as a degree-seeking student or as a transient student with an approved formal degree plan from another university.
2. Have an evaluation of service schools/experiences completed by the Registrar's Office to determine any awarding of military credit.
3. Register for classes through the University in coordination with assigned academic advisor. Provide

Certification Coordinator with a copy of UMHB class schedule.

4. Register for courses through select tuition assistance portal to secure available Tuition Assistance benefit.
5. Maintain Satisfactory Academic Progress (SAP). The provisions found under the headings of "Scholastic Probation" and "Academic Suspension" in this catalog will apply.

Note: Active Duty Service members should seek information about UMHB's Military Scholarship from the Financial Aid Office.

Yellow Ribbon Program

The Yellow Ribbon Program is a provision of the Post 9/11 Veterans Educational Assistance Act of 2008.

To be eligible for the Yellow Ribbon Program:

1. **Complete all requirements for admission** to the University as a degree-seeking student or as a transient student with an approved formal degree plan from another university.
2. Eligibility for Chapter 33 Post 9/11 veteran benefits at the 100% rate (as determined by the U.S. Department of Veterans Affairs).

This program allows UMHB to voluntarily enter into an agreement with VA to fund tuition expenses that exceed the annual cap for private institutions. The institution can contribute up to 50% of those expenses and VA will match the same amount as the institution.

As noted above, tuition and mandatory fees will be covered through a combination of the Post 9/11 G.I. Bill®, Yellow Ribbon, and UMHB.

Conditions are as follows:

1. The Yellow Ribbon Grant is applied as a credit to the student's account, and no cash and/or check payments will be awarded to the student.
2. The Yellow Ribbon Grant is used exclusively towards prior or current program charges.
3. The Yellow Ribbon Grant is awarded for each period in the program that the student is determined eligible and where the grant is needed.

DEGREES

The University of Mary Hardin-Baylor offers the following undergraduate degrees and majors:

Bachelor of Arts

Art (p. 161)
Business Administration (p. 90)
Christian Studies (p. 102)
Criminal Justice (p. 156)
English (p. 130)
English 7-12 Certification (p. 131)
History (p. 149)
Mass Communication (p. 128)
Mathematics (p. 147)
Music (p. 167)
Political Science (p. 150)
Psychology (p. 153)
Religion and Public Life (p. 103)
Social Studies BA with Teacher Certification 7-12 Certification (p. 151)
Speech Communication (p. 129)

Bachelor of Business Administration

Accounting (p. 92)
Business Computer Information Systems (p. 94)
Entrepreneurship and Small Business (p. 96)
Finance (p. 93)
Management (p. 97)
Marketing (p. 99)
Supply Chain Management (p. 95)

Bachelor of Christian Ministry (p. 104)

Bachelor of Fine Arts

Art Education (p. 162)
Graphic Design (p. 163)
Studio Art (p. 163)

Bachelor of Interdisciplinary Studies (p. 170)

(p. 170)Bachelor of Music

Church Music (p. 166)
Music Education (p. 166)
(p. 166)Performance (p. 167)

Bachelor of Science

Bioinformatics (p. 135)
Biology (p. 134)
Business Administration (p. 91)
Chemistry (p. 140)
Computer Science (p. 143)
Criminal Justice (p. 157)
Critical Technological Studies (p. 129)
Cybersecurity (p. 145)
Educational Advocacy (p. 111)
Engineering (p. 146)
History (p. 149)
Mathematics (p. 147)
Music with Emphasis in Music Business (p. 168)
Music with Emphasis in Performance (p. 168)
Music with Emphasis in Worship Technology (p. 168)
Neuroscience (p. 136)
Political Science (p. 151)
Psychology (p. 153)
Social Studies BS with Teacher Certification 7-12 (p. 152)

Bachelor of Science in Education (p. 111)

Bachelor of Science in Health Sciences

Exercise Physiology (p. 113)
Health Science (p. 115)
EC-12 Physical Education (p. 117)

Bachelor of Science in Nursing (p. 122)

Bachelor of Science in Public Health

Public Health (p. 119)
Bachelor of Science in Public Health to Master of Public Health (p. 120)

Bachelor of Social Work (p. 155)

Bachelor of Sport Management (p. 118)

Bachelor of Transformational Development (p. 104)

Minors

The University of Mary Hardin-Baylor offers the following minors:
Accounting (p. 92)
Applied Humanities (p. 133)
Art (p. 164)
Art History Minor (p. 164)
Biblical Languages (p. 105)
Biblical Studies (p. 105)
Biology (p. 137)
Business Administration (p. 91) *(not offered for any College of Business majors)*
Business Computer Information Systems (p. 95)
Chemistry (p. 142)
Christian Studies (p. 105)
Church Music (p. 164)
Classical Humanities (p. 133)
Cloud Application Development (p. 144)
Communication (p. 129) *(not available to BA Mass Communication majors)*
Computer Science (p. 144)
Criminal Justice (p. 157)
English (p. 131)
Entrepreneurship and Small Business (p. 96)
Exercise Science (p. 119)
Finance Minor (p. 93)
Graphic Design Minor (p. 164)
History (p. 149)
Intercultural Studies Minor (p. 105)

Leadership (p. 91)
Management (p. 99)
Marketing (p. 101)
Mass Communication (p. 129)
Mathematics (p. 148)
Military Science (p. 159)
Music (p. 164)
Pedagogy and Professional Practices (p. 112)
Philosophy (p. 106)
Political Science (p. 151)
Pre-Law (p. 152)
Public Health (p. 121)
Psychology (p. 155)
Supply Chain Management
(p. 95)
Social Work (p. 156)
Southwest Borderland Studies (p. 132)
Spanish (p. 132)
Sport Management (p. 119)
Theatre (p. 161)
Writing (p. 133)

DEGREE SNAPSHOTS CLICK FOR LINK

College of Christian Studies

BA - Christian Studies 2025-2026

BA - Religion and Public Life 2025-2026

BCM - Christian Ministry, Community Care Concentration 2025-2026

BCM - Christian Ministry, Intercultural Studies Concentration 2025-2026

BCM - Christian Ministry, Pastoral Ministry Concentration 2025-2026

BCM - Christian Ministry, Sports and Recreational Ministry 2025-2026

BCM - Christian Ministry, Youth and Childrens Ministry 2025-2026

BTD - Transformational Development 2025-2026

College of Education

BS - Educational Advocacy 2025-2026

BSED - Bachelor of Science in Education 2025-2026

College of Visual and Performing Arts

Art

BA - Art 2025-2026

BFA - Art Education, EC-12 Cert. 2025-2026

BFA - Graphic Design 2025-2026

BFA - Studio Art 2025-2026

Music

BA - Music 2025-2026

BM - Church Music, Instrumental 2025-2026

BM - Church Music, Piano Principal 2025-2026

BM - Church Music, Vocal Principal 2025-2026

BM - Music Education, Choral 2025-2026

BM - Music Education, Instrumental 2025-2026

BM - Music Performance 2025-2026

BS - Music, Performance 2025-2026

BS - Music, Worship Technology 2025-2026

BS - Music, Music Business 2025-2026

Interdisciplinary Studies

BIS - Bachelor of Interdisciplinary Studies 2025-2026

McLane College of Business

BA - Business Administration 2025-2026

BS - Business Administration 2025-2026

BBA - Accounting 2025-2026

BBA - Business Computer Information Systems 2025-2026

BBA - Entrepreneurship & Small Business 2025-2026

BBA - Finance 2025-2026

BBA - Management 2025-2026

BBA - Management, Global Management Track 2025-2026

BBA - Marketing 2025-2026

BBA - Marketing Digital Marketing Media Track 2025-2026

BBA - Supply Chain Management 2025-2026

School of Exercise Science

BSHS - EC-12 Physical Education, Coaching Concentration 2025-2026

BSHS - EC-12 Physical Education, Teacher Certification 2025-2026

BSM - Bachelor of Sport Management 2025-2026

Exercise Physiology

BSHS - Exercise Physiology, Clinical Exercise Physiology 2025-2026

BSHS - Exercise Physiology, Personal Training and Fitness 2025-2026

BSHS - Exercise Physiology, Strength & Conditioning 2025-2026

Health Science

BSHS - Health Science, Pre-Anesthesiology Assistant 2025-2026

BSHS - Health Science, Pre-Athletic Training 2025-2026

BSHS - Health Science, Pre-Chiropractic 2025-2026

BSHS - Health Science, Pre-Med 2025-2026

BSHS - Health Science, Pre-Occupational Therapy 2025-2026

BSHS - Health Science, Pre-Physical Therapy 2025-2026

BSHS - Health Science, Pre-Physician Assistant 2025-2026

School of Health Professions

BSPH - Bachelor of Science in Public Health, Health Promotion 2025-2026

School of Humanities

Communication and Media Studies

BA - Mass Communication, Journalism Track 2025-2026

BA - Mass Communication, Public Relations Track 2025-2026

BA - Speech Communication 2025-2026

Critical Technological Studies

BS - Critical Technological Studies, Computer Science Track 2025-2026

BS - Critical Technological Studies, Engineering Track 2025-2026

English

BA - English 2025-2026

BA - English, 7-12 Certification 2025-2026

School of Natural Sciences

Bioinformatics

BS - Bioinformatics 2024-2025

Biology

BS - Biology 2025-2026

BS - Biology, Life Science 7-12 Cert. 2025-2026

BS - Biology, Pre-Med/Pre-Dent 2025-2026

BS - Biology, Pre-Clinical Lab Science 2025-2026

BS - Biology, Pre-Health Professions, OT 2025-2026

BS - Biology, Pre-Health Professions, PT 2025-2026

BS - Biology, Pre-Optometry 2025-2026

BS - Biology, Pre-PA 2025-2026

BS - Biology, Pre-Pharmacy 2025-2026

BS - Biology, Pre-Veterinary 2025-2026

BS - Biology, Science 7-12 Cert. 2025-2026

Chemistry

BS - Chemistry 2025-2026

BS - Chemistry, Biochemistry & Molecular Biology Emphasis 2025-2026

BS - Chemistry, Pre-Health Professions 2025-2026

Computer Science

BS - Computer Science, Data Analysis and Visualization 2025-2026

BS - Computer Science, Network-Centric Specialization 2025-2026

Cybersecurity

BS - Cybersecurity 2025-2026

Engineering

BS - Engineering, Electrical Track 2025-2026

BS - Engineering, Mechanical Track 2025-2026

Mathematics

BA - Mathematics 2025-2026

BA - Mathematics, 7-12 Cert. 2025-2026

BS - Mathematics 2025-2026

BS - Mathematics, 7-12 Cert. 2025-2026

Neuroscience

BS - Neuroscience, Biochemical Track 2025-2026

BS - Neuroscience, Biopsychological Track 2025-2026

BS - Neuroscience, Pre-Medical Track 2025-2026

School of Social Sciences

Criminal Justice

BA - Criminal Justice 2025-2026

BS - Criminal Justice 2025-2026

History

BA - History 2025-2026

BA - History 7-12 Certification 2025-2026

BS - History 2025-2026

BS - History 7-12 Certification 2025-2026

Political Science

BA - Political Science 2025-2026

BS - Political Science 2025-2026

Psychology

BA - Psychology, Clinical Track 2025-2026

BS - Psychology, Clinical Track 2025-2026

BS - Psychology, Pre-Health Professions Track 2025-2026

BS - Psychology, Pre-Occupational Therapy Track 2025-2026

Social Studies

BA - Social Studies 7-12 Certification 2025-2026

BS - Social Studies 7-12 Certification 2025-2026

Social Work

BSW - Social Work 2025-2026

Scott & White School of Nursing

BSN - Bachelor of Science in Nursing 2025-2026

DEGREE REQUIREMENTS

Requirements for individual undergraduate degrees are listed on the website for the respective degree title. Specific course requirements for majors, minors, or teacher education and specialization fields are listed in their corresponding department webpages. Schematic degree plans are available on the Registrar website or upon request from the Registrar's Office or the department of the major.

The University will not normally change degree requirements as detailed in this catalog after a student begins a degree program. **However, the University reserves the right to make reasonable changes to degree requirements for sound academic reasons, which may include changes to licensing or certification requirements by governmental or professional organizations**.

The University reserves the right to withhold a degree from a student whose conduct violates the moral and ethical standards which the University promotes as part of its educational mission. Preserving the academic integrity of the University is essential to protecting the value of a University degree and the reputation of the University's graduates. The University reserves the right at any time to revoke a degree which was improperly awarded due to fraud, deceit, or error, and to rescind a degree in the case of a graduate's egregious misconduct. The University will not revoke any degree without following a fair process, including an opportunity for the graduate to respond to the evidence and to protect his or her interests.

General Requirements for All Undergraduate Degrees

To receive any undergraduate degree from the University of Mary Hardin-Baylor, a student must:

1. Earn a minimum of 120 semester hours (total varies with specific degree requirements) of credit which meet the requirements of one of the degrees listed in the Degrees section. The grade point average on courses taken at UMHB must be at least 2.00.
    a. No more than one-half of the credit requirements for a degree may be fulfilled with credits from off-campus programs, conferences, institutes, short courses, workshops, special evening classes, special summer courses, foreign travel and study, or television and radio classes. More specifically, no more than one-fourth of the credits for a degree may be earned by correspondence; no more than one-third of the credits for a degree may be earned by off-campus programs; and no more than one-fourth of the credits for a degree may be earned by conferences, institutes, short courses, workshops, special evening classes, or special summer courses. (Students in teacher education programs should check with the College of Education for additional limitations.)
    b. Furthermore, no more than one-fourth of the total number of hours required for a degree may be earned by special examination. (This rule does not apply to Nursing Advanced Placement examinations.)
    c. Credit by examination received from another school may be accepted in transfer if the student can provide evidence that the testing standards upon which the credit was based are comparable to UMHB's standards. Such evidence might include an official transcript, a catalog, or an official copy of the test scores from the awarding school.
2. Complete at least thirty-six (36) semester hours in upper-level courses, unless pursuing the Bachelor of Arts with a major in Music or in Music with an emphasis in Music Business. Students pursuing the Bachelor of Arts with a major in Music or in Music with an emphasis in Music Business must complete at least thirty (30) semester hours in upper-level courses.
3. Fulfill the following residency requirements.
    a. Complete one-fourth of the total number of hours required for a degree in residency. For degrees requiring a total of one hundred twenty (120) semester hours, thirty (30) hours must be in residency. For degrees requiring a total of one hundred thirty (130) or one hundred thirty-one (131) semester hours, thirty-three (33) hours must be in residency. For degrees requiring a total of one hundred thirty-six (136) semester hours, thirty-four (34) hours must be in residency. For degrees requiring one hundred thirty-seven (137) hours, thirty-five (35) hours must be in residency.
        i. At least twelve (12) of the required residency hours must be in the major field with six upper-level hours (see Academic Standards section for a review of upper and lower level hours). The major requirement does not apply to the Bachelor of General Studies degree.
        ii. At least six (6) of the required residency hours must be upper level in the minor field (if applicable).
        iii. Interdisciplinary Academic majors must complete at least six (6) of the required residency hours at the upper level in their elementary specialization area.

b. Complete one of the following:

   i. Eighteen (18) of the degree's final thirty-one (31) hours in residency; or

   ii. Twenty-four (24) of the total required residency hours at the upper level.

4. Follow a specific degree plan.

   a. A student's degree plan is initially maintained in draft form by the student's major advisor. When the student is two semesters from graduating, the degree plan will be "formalized" by the Registrar's Office. A "formalized" degree plan should be on file in the Registrar's Office prior to Fall Registration for May graduates and prior to Spring Registration for August and December graduates.

   b. Substitutions and/or waivers affecting the degree plan must be approved by the Department Chairperson, Associate Dean and/or the Dean at the time the degree plan is "formalized." Completed substitution and/or waiver form(s) must be on file in the Registrar's Office.

   c. Once the degree plan has been "formalized" by the Registrar's Office, a Graduation Audit will be sent to the student (copy to the student's major advisor) listing those items the student needs to complete to graduate. If the student desires to make an appointment with the Registrar's Office to discuss the degree plan, the student is welcome to do so. A student experiencing a disruption in enrollment lasting longer than one academic year must reorganize his/her degree plan under the current catalog. The student cannot make formal application for degree, however, without Registrar's Office approval.

   d. While following a degree plan should be a joint effort between a student and the student's advisor(s), **meeting the requirements for a particular degree is ultimately the responsibility of the student.** Adherence to the above schedule should be followed.

5. File an application for degree and pay the graduation fee by March 15th for Spring graduates, by June 15th for Summer graduates, and by October 15th for Fall graduates.

   a. Degree conferral is not automatic.

   b. All degree candidates, irrespective of participation in a commencement ceremony, must file an application for degree and pay the graduation fee by the applicable deadline. Students filing for graduation after their respective deadline will be charged a late fee and are NOT guaranteed inclusion in the commencement program.

   c. Applications for past graduation dates will not be accepted, even though all degree requirements may have been completed during previous semesters.

   d. Students failing to graduate in their respective anticipated graduation year and term may roll their application for degree and graduation fee forward for the duration of one academic year. Students still failing to graduate after the expiration of one academic year must reorganize their respective degree plan to conform with the current catalog and must submit another application for degree and pay another graduation fee by the deadlines mentioned above.

Off-Site Components

Certain programs at the University require the student's successful completion of an off-site component, such as a clinical rotation, internship, practicum, or student teaching. These off-site components are typically operated by separate institutions or organizations which are not controlled by the University and which may establish their own rules and conditions for participation. A student may be unable to complete a program of study and obtain a degree if he or she is unable to complete an off-site component or is excluded from participation by the University's off-site providers. Students who have reason to believe that they may be barred from participation by any of the university's off-site providers in their program of study are encouraged to determine early in the enrollment process what, if any, alternatives may be available.

Students are responsible for providing their own transportation to required off-site components.

Awarding of Transfer Credit

The University of Mary Hardin-Baylor accepts in transfer college-level course work with a grade of "C" or higher from United States colleges or universities accredited by Council for Higher Education Accreditation (CHEA) recognized institutional accrediting organizations. Transfer credit may be applied to degree requirements, including core curriculum, major/minor curriculum, and general electives, as deemed appropriate by course age, level, and content. Transfer course equivalencies are determined through the collaborative efforts of the Registrar's Office, the academic departments, the deans, and the Provost's Office on the basis of the comparability of the nature, content, and level of the learning experiences to those offered by UMHB and the appropriateness and applicability of the learning experiences to the programs offered by UMHB. Documentation detailing content studied such as course syllabi may be requested for transfer course equivalency determination.

All transcripts, certificates, and diplomas from institutions outside the United States must be sent to an approved foreign credential evaluation service for a course-by-course evaluation in order for the possibility of transfer credit to be determined.

Only official transcripts will be evaluated for potential transfer credit.

- New students must submit an official transcript from ALL previously attended colleges and universities. Even though courses taken at one institution may be noted on another institution's transcript, an official transcript from each institution at which courses were taken is required. Transcripts should be sent directly from prior institutions to the UMHB Admissions Office.

University of Mary Hardin-Baylor
Admissions Office
UMHB Box 8004
900 College Street
Belton TX 76513

- Readmitted students who attended any other institutions during their absence from UMHB must submit official transcripts reflecting such attendance. Transcripts should be sent directly from the institutions to the UMHB Admissions Office.

University of Mary Hardin-Baylor
Admissions Office
UMHB Box 8004
900 College Street
Belton TX 76513

- Current students who concurrently enroll in other institutions must submit official transcripts reflecting their concurrent enrollment. Transcripts should be sent directly from the institution to the UMHB Registrar's Office.

University of Mary Hardin-Baylor
Registrar's Office
UMHB Box 8425
900 College Street
Belton TX 76513

Transcripts from other institutions which have been presented for admission or evaluation become part of the student's academic file and are not returned or copied for distribution.

A maximum of 66 semester hours of community/junior college work may be accepted in transfer unless otherwise stipulated in program specific articulation agreements. Community/junior college hours will only transfer as lower division (freshman-sophomore) credit, even if UMHB offers comparable courses at the upper division level. While lower division courses may be approved to satisfy specific upper division course requirements, the credit will not apply towards upper division credit totals. Developmental/pre-college level, technical/occupational (including professional certificate programs), and continuing education courses are not accepted in transfer. Credit is not awarded for experiential learning. No limit is placed on the number of transferable credits from four-year colleges or universities. However, students must meet all the credit, grade, and residence requirements as stated in the Degree Requirements section of their respective UMHB catalog.

A minimum grade of "C" is required in order for a course to be applied to a UMHB degree plan.

The current criteria for evaluating CLEP (credit by examination) and AP (advanced placement) can be found on the Counseling, Testing and Health Services website at http://cths.umhb.edu/credit-examination-chart.

Credit from quarter system schools will be converted to semester hours.

Quarter	**Semester**
5	3.33
4	2.67
3	2.0
2	1.33
1	0.67

Military training will be evaluated using the American Council on Education (ACE) guidelines upon submission of military transcripts.

Transfer courses along with their respective credit hours are posted to students' academic records and are available for degree planning purposes by the end of the semester in which the transcripts are received. However, grades for transferred course work are not posted to students' academic records and are not included in term or cumulative GPA calculations unless otherwise stipulated in program specific articulation agreements.

Students at the University of Mary Hardin-Baylor who wish to enroll in course work at another institution and apply those hours toward their UMHB degree must complete the Pre-Approval of Transfer Credits form and submit it to the Registrar's Office. The purpose of this permission is to ensure appropriate content, upper-level classification of the course if applicable, and overall suitability for the student's degree plan. Courses approved by an academic department as substitutions for major/minor requirements are not automatically granted approval by other departments using the same major/minor requirements. UMHB is not responsible for courses taken without proper approval. See http://registrar.umhb.edu/transfer-equivalency-information for transfer equivalency information. See http://registrar.umhb.edu/texas-common-course-numbering-system for information about the Texas Common Course Numbering System.

Students at the University of Mary Hardin-Baylor who wish to enroll in course work in a foreign country and apply those hours toward their UMHB degree must secure written permission from their advisor, chairperson, and dean. Documentation should be provided through a foreign transcript evaluation service.

Transfer credit inquiries may be directed to registrar@umhb.edu or 254-295-4510.

Texas Core Complete

Texas General Education Core Complete Students certified as core complete by a state of Texas public institution of higher education before enrolling at the University of Mary Hardin-Baylor are granted UMHB Core Complete status with the exception of the required Old and New Testament courses and courses embedded within the major. The requirements to meet this status are as follows:

- The relevant coursework must be completed prior to enrollment at the University of Mary Hardin-Baylor and "core complete" must be indicated on the official transcript on file within the student's initial semester of enrollment. Core complete status is not retroactive and having an associate's degree does not confirm core complete status.
- While Texas Core Complete indicators on the transcript will prevail, student must meet the minimum grade requirements for courses embedded within the major. Only courses that meet the minimum grade requirements will count towards overall credit hours.
- Core complete status cannot be accepted from schools outside of Texas or from other Texas private institutions.
- Core complete students are still responsible for CSBS 1311 and CSBS 1312 and any general education requirements embedded within their major/minor curricula.
- First-time freshmen are not be eligible for core complete status. While they are eligible to bring in dual credit coursework and college-level examinations as transfer credit, they are required to complete their remaining core at UMHB.

Students who have taken general education courses at other universities, but are not certified as Texas general education core complete, will transfer in credit according to the policies outlined in the current catalog.

Double Major

Students with the following degrees, Bachelor of Business Administration, Bachelor of Christian Ministry, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science in Nursing, or Bachelor of Social Work, who wish to graduate with a double major must also fulfill the requirements of a Bachelor of Science or a Bachelor of Arts degree. This will require a minimum of 31 additional semester hours in residence. See Second Degree (p. 72)for more information.

Multiple Course Requirements

Except where it is explicitly disallowed by the core requirements, courses taken in the major or the minor may be used to meet a core requirement as well. However, **a course cannot be double-counted toward fulfillment of the requirements for a major field and for a minor field or for a second major field.**

Second Degree

Once a degree has been conferred by the University, the academic record pertaining to that degree is frozen. No additional coursework may be taken to apply toward that degree. Additional majors/minors/concentrations cannot be added retroactively to a conferred degree. GPA's associated with a conferred degree cannot be changed retroactively.

Additional coursework may be taken in a non-degree-seeking status or to apply toward a second degree. Students seeking a second degree from the University must fulfill all requirements for the second degree, including the core curriculum, as well as complete additional semester hours in residence equal to one-fourth of the total semester hours required for the second degree. As most degrees require 120 total semester hours, the additional semester hours in residence typically would be 31 semester hours. These additional semester hours in residence must be distinct from the first degree. In other words, the additional semester hours in residence for the second degree cannot be counted toward any requirements for the first degree. These guidelines apply to students who are seeking two degrees concurrently and alumni returning for a second degree.

Graduation Under a Particular Catalog

To receive an undergraduate degree from the University of Mary Hardin-Baylor, a student must fulfill all requirements for that degree as set forth in a catalog under which the student is entitled to graduate. The student, however, has several choices:

- Graduate under the current catalog;
- Graduate under the catalog in force the year the student first registered (degree seeking status) at Mary Hardin-Baylor (within the six-year limitation) provided the student experiences no longer than a one academic year disruption in enrollment;
- Graduate under the catalog for any subsequent year in which the student was registered at Mary Hardin-

Baylor (within the six-year limitation) provided the student experiences no longer than a one academic year disruption in enrollment; or

- If first registration (degree seeking status) at Mary Hardin-Baylor was during a summer session, graduate under the catalog governing the preceding "long" semester or the catalog for the next "long" semester (within the six-year limitation) provided the student experiences no longer than a one academic year disruption in enrollment.

Students experiencing a disruption in enrollment lasting longer than one academic year must reorganize their respective degree plan to conform to the current catalog.

The University catalog is considered valid for six years from a student's initial enrollment with degree seeking status. For example, the catalog for school year 2021-2022 is valid for graduation purposes through Summer 2027 for a degree seeking student enrolling in the fall of 2021. A student who fails to complete the required work for a degree in a six-year interval dating from the time the student first registered with degree-seeking status must reorganize his or her degree plan to conform with the current catalog. **The same catalog will be in force for the entire degree; in other words, a student must use the same catalog for both the major and minor requirements.** Certain certificate or licensure programs may require that you use the most current catalog to meet state, federal, or accreditation requirements.

Although a previous edition of the University's academic catalog may control the academic criteria for awarding a student a degree or a major or minor in any academic field or certain academic honors and awards, the policies and procedures contained in the most recent edition of the catalog will always control. For example, matters such as academic standards, classroom expectations and ethics, and academic appeals are always controlled by the most recent catalog.

Commencement Ceremonies

Commencement ceremonies are held at the conclusion of the Fall and the Spring terms.

- Because commencement exercises are meaningful experiences in the academic lives of students, all students are encouraged to participate when possible.
- Students are permitted to participate in only one ceremony per degree.
- Students must settle all accounts in order to be eligible to participate in commencement exercises. UMHB may restrict students from participating in commencement for failure to make complete payment of student accounts.
- A student may be excused from commencement exercises and be permitted to graduate in absentia. Students desiring to graduate in absentia must notify the Registrar's Office by selecting "No" on their Application for Degree regarding Commencement Ceremony attendance.
- Diplomas will be mailed typically within eight weeks of the commencement exercise to the address provided on the application for degree. This allows time for confirmation all degree requirements have been met. Under no circumstances will a diploma be released prior to the official degree conferral date. Diplomas will not be released to students owing a balance to UMHB.
- Students lacking a maximum of seven semester hours toward degree completion may petition for permission to participate in commencement exercises. To petition, students must submit a fully completed Petition to Participate in Commencement Exercises form to their respective dean. Completion of the form requires a concrete plan for earning the remaining degree requirements. The specific requirements for that plan will vary by academic discipline. Whether or not the plan is adequate will be determined by the dean.

  Students must submit the form to their respective dean no later than March 15 for Spring participants or October 15 for Fall participants. The dean may require an in-person consultation. Normally the petition will be approved or denied within five business days of receipt of the form. Students denied permission to participate in commencement exercises by their respective dean will have five business days to appeal in writing to the Associate Provost. Students granted permission to participate in commencement exercises by either their respective dean or the Associate Provost must file an application for degree and pay the graduation fee by March 15 for Spring participants or October 15 for Fall participants. Students filing for graduation after their respective deadline will be charged a late fee and are NOT guaranteed inclusion in the printed commencement program.

  Participation in commencement exercises is not equivalent to graduation. Students granted permission by their respective dean or the Associate Provost to "walk" in the ceremony are not official graduates. They will not receive diplomas nor will their degrees be posted to their transcripts until all their degree requirements have been completed. Degree conferral dates will not be retroactive. The official degree conferral date will correspond to the semester in which the students' outstanding degree requirements are completed. Students failing to graduate after the expiration of one academic year must reorganize their respective degree plan to conform with the current

catalog as well as must submit another application for degree and pay another graduation fee by the applicable deadlines.

- Students may petition the Registrar's Office for permission to delay participation in commencement exercises if students are unable to participate in the ceremony immediately following their degree completion. No student will be approved to defer participation past one long semester of their degree being conferred.

Professional Certifications and Licensures

Admission to or completion of an undergraduate or graduate program does not guarantee licensure by any state licensing board or other professional certification or licensure entity.

CORE COURSES REQUIRED FOR ALL UNDERGRADUATE DEGREES

CATEGORIES OF COURSES

Throughout the succeeding degree requirements, certain core courses have been grouped into categories. The following is a breakdown of these groupings.

DEGREE REQUIREMENTS

Fine Arts

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Humanities

HUMA 2350	Humanities: Origins	3
HUMA 2355	Foundations of the Humanities	3
HUMA 2360	Explorations	3

Laboratory Sciences

BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 1105	Living World Lab	1
BIOL 1305	Living World	3
BIOL 1165	Exploring the Invisible Lab	1
BIOL 1365	Exploring the Invisible	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 2341	Human Anatomy & Physiology II	3
CHEM 1400	Chemistry and Society	4
CHEM 1401	Introduction to Forensic Science	4
CHEM 1402	Environmental Science	4
CHEM 1410	General Chemistry I	4
CHEM 1441	College Chemistry	4
ENVR 1402	Environmental Science	4
GEOL 1401	Physical Geology	4
GEOL 1402	Historical Geology	4
PHYS 2411	General Physics I	4
PHYS 2421	Physics I with Calculus	4

Mathematics

MATH 1304	Survey of Mathematics	3
MATH 1306	College Algebra	3
MATH 1320	Pre Calculus	3
MATH 1325	Applied Calculus	3
MATH 1430	Calculus I	4
MATH 2303	Statistics	3
MATH 2304	Mathematics for Educators I	3
MATH 2305	Mathematics for Educators II	3

Philosophy

PHIL 2315	Introduction to Philosophy	3
PHIL 3311	Advanced Philosophical Studies	3
PHIL 3316	Critical Reasoning	3
PHIL 3325	Philosophical Ethics	3
PHIL 3335	History of Philosophy	3
PHIL 4315	World Religions	3
PHIL 4325	Philosophy of Religion	3

Social Sciences

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

*Only PSYC 1301, PSYC 2311, or EDUC 2399 would be acceptable for the following teaching certification degrees: EC-12 P.E., EC-12 Art, EC-12 Music, 7-12 English, 7-12 History, 7-12 Chemistry, 7-12 Biology, 7-12 Social Studies Composite, 7-12 Mathematics, 7-12 Speech.

US History or US Government

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

World Cultures:

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
HUMA 2355	Foundations of the Humanities	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3

World Cultures or Any Philosophy - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
HUMA 2355	Foundations of the Humanities	3
MUSI 2358	World Music	3
	any Philosophy course	

CORE COURSES

To receive any undergraduate degree, a student (in addition to the general requirements) must complete the following

core course requirements within the requisite semester hours for graduation.

University Commitment to Writing

The University of Mary Hardin-Baylor recognizes that effective writing is essential not only to civic life but also to almost any career students are likely to enter. The University Academic Core Curriculum prepares students to write with reasonable clarity, organization, precision, and rhetorical development. The University's Institutional Quality process governs the assessment of general-education goals and outcomes regarding written communication.

In addition, all undergraduate programs are committed to preparing students to communicate effectively and to develop writing skills specific to each discipline. To that end, each degree program has established models of effective professional writing as well as goals and outcomes to develop competent writers. Each program assesses its discipline-specific goals and outcomes regarding written communication.

CORE COURSE REQUIREMENTS

These core courses are incorporated into all the succeeding degree requirements.

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Mathematics (MATH only) - 3 hours

Lab Science - 4 hours

Fine Arts - 3 hours

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

Social Science - 3 hours

US History or US Government - 3 hours

World Cultures - 3 hours

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Activity Courses (Any EXAC prefix) - 2 courses

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2 to 8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

"Double-Dipping"

Except where it is explicitly disallowed by the core requirements, courses taken in the major or minor may also be used to meet a core requirement also. No course may be used by any one student to meet more than one core requirement. For example, if a literature course receives a world cultures designation, it can be used by a student to meet either the core literature requirement or the world cultures requirement, but that course cannot be used to meet both requirements.

BACHELOR OF ARTS DEGREE - ACADEMIC CORE

To receive a Bachelor of Arts degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 60 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Foreign Language - 14 hours

NOTE: *The foreign language requirement is 14 semester hours (four semesters or the equivalent) in the same language.*

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

Literature or Humanities - 3 hours

HUMA X3XX	Humanities	3
ENGL 23XX	Literature	3

Can be fulfilled by an HUMA 3 hour course or any ENGL 23XX course.

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

World Cultures or Any Philosophy - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
HUMA 2355	Foundations of the Humanities	3
MUSI 2358	World Music	3
	any Philosophy course	

World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
GLBL 2310	Cultural Immersion	3
HUMA 2355	Foundations of the Humanities	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

B. Complete a major

C. Electives (as necessary) to bring total to - 120 hours

*Requirements of some majors/minors may extend the total beyond 120 semester hours.

Teacher Certification: Students wishing to meet Texas Teacher Certification requirements should refer to the Academic Foundation and Professional Education requirements stated in the College of Education section of this catalog.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE - ACADEMIC CORE

To receive a Bachelor of Business Administration degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 40 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1315	Mathematics for Business	3

World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

B. Professional Business Foundation - 24 hours

C. Professional Business Core - 30 hours

D. Business Area Major - 15 hours

Accounting majors will be required 21 hours.

E. Business Electives (3 upper-level hours), or Business Minor (12 hours), or Second Business Major (15-21 hours), or Outside Minor (18-24 hours)

F. Electives (if necessary) to bring total to -120 hours

BACHELOR OF CHRISTIAN MINISTRY DEGREE - ACADEMIC CORE

To receive a Bachelor of Christian Ministry degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 54 hours

Biblical Language - 8 hours

In one language: Hebrew or Greek

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

Literature or Humanities - 3 hours

HUMA X3XX	Humanities	3
ENGL 23XX	Literature	3

Can be fulfilled by any HUMA 3 hour course or any ENGL 23XX course.

World Cultures- 3 hours

PHIL 2315	Introduction to Philosophy	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

World Cultures or Any Philosophy - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3

HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
HUMA 2355	Foundations of the Humanities	3
	any Philosophy course	

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

B. Christian Studies Foundations - 17 hours

C. Advanced Christian Studies Electives - 15 hours

E. Concentration - 15-16 hours

F. Capstone Course- 1 hour

G. Electives (if necessary) to bring total to - 120 hours

BACHELOR OF FINE ARTS DEGREE - ACADEMIC CORE

To receive a Bachelor of Fine Arts degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 40 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Outside of ARTS courses.

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

World Cultures - 3 hours

ARTS 2354	World Art	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

B. Art Major (see Art section of this catalog for specific majors offered)

C. Electives (if necessary) to bring total to - 120 hours

Teacher Certification: Students wishing to meet Texas Teacher Certification requirements should refer to the Academic Foundation and Professional Education requirements stated in the College of Education section of this catalog.

BACHELOR OF INTERDISCIPLINARY STUDIES - ACADEMIC CORE

The Bachelor of Interdisciplinary Studies is designed for individuals who are currently employed in or who wish to be employed in fields that do not require a degree in a specific subject area. It is also an appropriate program for

persons who desire a degree only for purposes of personal enrichment.

To receive a Bachelor of Interdisciplinary Studies degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 46 hours

Capstone (determined by concentrations)

BGST 4001	General Studies Capstone	0

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

Literature or Humanities - 3 hours

HUMA X3XX	Humanities	3
ENGL 23XX	Literature	3

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2311	American History to 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

Philosophy or World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
HUMA 2355	Foundations of the Humanities	3
	any Philosophy course	

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

B. Two Concentrations - 48 hours

Each Concentration must have:

24 hours chosen from one college. “College” refers to Business, Christian Studies, Education, Exercise Science, Humanities (Communications, English, History, Political Science, Spanish), Nursing (only if the student is coming from Nursing with sufficient hours), Science (natural sciences and social sciences—Criminal Justice, Psychology, Social Work, Sociology), Visual and Performing Arts

12 hours upper-level

12 hours at UMHB, 6 of which must be upper-level

Associate degree academic or technical fields (excluding General Studies) may be a concentration

Courses in the general education core will not also count towards hours in the concentration

Courses from the College of Humanities and Sciences may be separated into a Concentration in Humanities and/or a Concentration in Sciences.

C. Electives - as needed to bring total to 120 hours

BACHELOR OF MUSIC DEGREE - ACADEMIC CORE

To receive a Bachelor of Music degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 40 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
THEA 2350	Theatre Appreciation	3

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

Music Education majors take PSYC 1301.

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

World Cultures - 3 hours

MUSI 2358	World Music	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

B. Other requirements are listed in the schematic plans in the Music Department section of this catalog.

Teacher Certification: Students wishing to meet Texas Teacher Certification requirements should refer to the Academic Foundation and Professional Education requirements stated in the College of Education section of this catalog.

BACHELOR OF SCIENCE DEGREE - ACADEMIC CORE

To receive a Bachelor of Science degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 46 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

World Cultures - 3 hours

EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

Laboratory Science - 8 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

BQBA 2301	Introduction to Quantitative Methods	3
BQBA 2302	Business Data Analysis	3
MATH 1306	College Algebra	3
MATH 1315	Mathematics for Business	3
MATH 1320	Pre Calculus	3
MATH 1325	Applied Calculus	3
MATH 1430	Calculus I	4
MATH 2303	Statistics	3
MATH 2304	Mathematics for Educators I	3
MATH 2305	Mathematics for Educators II	3
MATH 2320	Linear Algebra	3
MATH 2430	Calculus II	4
PSYC 2316	Statistics for the Social Sciences	3
SOCI 2305	Statistics for the Social Sciences	3
SOCW 2305	Statistics for the Social Sciences	3

Research Methods or Internship- 2 hours

BADM 4090	Practical Experience	0
BADM 4395	Internship	3
BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
BIOL 4393	Biological Research	3
CHEM 2181	Introduction to Chemical Research-Capstone I	1
CHEM 4181	Chemical Research-Capstone II	1
CHEM 4183	Seminar - Capstone III	1
CISC 4395	Internship	3
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5
ENGR 4090	Practical Experience	0
EXSS 3376	Research Methods in Sport Management	3
EXSS 4370	Internship in S&C	3
EXSS 4377	Field Experience	3
EXSS 4378	Sport Finance	3
EXSS 4398	Field Experience in EXSS	3
HIST 2340	Historical Inquiry, Research, and Method	3
HIST 4295	Internship	2
HIST 4395	Internship	3
MATH 4193	Senior Seminar:	1
MUSI 1180	Church Music Internship	1
MUSI 3180	Church Music Internship	1
MUSI 4210	Research Methods for Performers	2
POLS 2320	Topics and Methods of Political Science	3
POLS 4295	Internship	2
POLS 4395	Internship	3
PSYC 2314	Research Methods for Social Science	3
SOCI 2310	Research Methods for Sociology	3
SOCW 4312	Social Work Research I	3

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

B. Global Emphasis Option

All students pursuing a Bachelor of Science can complete a global emphasis.

Optional Global Emphasis- Study Abroad track of additional 3 hours for a total of 49 Core Hour Requirement.

Optional Global Emphasis- Foreign Language track of additional 8 hours for a total of 54 Core Hour Requirement.

C. Complete a major

D. Electives (if necessary) to bring total to - 120 hours

*Requirements of some majors/minors may extend the total beyond 120 semester hours.

Teacher Certification: Students wishing to meet Texas Teacher Certification requirements should refer to the Academic Foundation and Professional Education requirements stated in the College of Education section of this catalog.

BACHELOR OF SCIENCE IN EDUCATION - ACADEMIC CORE

To receive a Bachelor of Science in Education degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 63 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

EXAC 1101	Lifetime Fitness	1
EXAC 1105	Low Organized Activities	1

Fine Arts - 3 hours

FINA 2330	Exploring the Fine Arts	3

World Cultures - 3 hours

HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3

Laboratory Science - 12 hours

BIOL 1105	Living World Lab	1
BIOL 1305	Living World	3
BIOL 2120	Science for Educators	1
BIOL 2320	Science for Educators	3
	Lab Science (Non Biology)	4

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Must earn a "C" or higher

Mathematics - 6 hours

MATH 2304	Mathematics for Educators I	3
MATH 2305	Mathematics for Educators II	3

Social Science - 6 hours

HIST 3313	History of Texas	3
EDUC 2399	Child and Adolescent Development	3

Technology - 3 hours

EDUC 2311	Classroom Technology	3

US History or US Government - 9 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

B. Electives (if necessary) to bring total to - 120 hours

*Requirements of some majors/minors may extend the total beyond 120 semester hours.

Teacher Certification: Students wishing to meet Texas Teacher Certification requirements should refer to the Academic Foundation and Professional Education requirements as stated in the College of Education section of this catalog.

BACHELOR OF SCIENCE IN NURSING DEGREE - ACADEMIC CORE

To receive a Bachelor of Science in Nursing degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 58 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Lab Science - 16 hours

BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL 2341	Human Anatomy & Physiology II	3
BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 2380	Microbiology	3
BIOL 2180	Microbiology Lab	1
CHEM 1441	College Chemistry	4
	or	
CHEM 1410	General Chemistry I	4

A minimum of "C" is required

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

A minimum of "C" is required

Mathematics - 3 hours

MATH 2303	Statistics	3

Social Science - 9 hours

PSYC 1301	General Psychology	3
PSYC 2311	Developmental Psychology	3
SOCI 1311	Introduction to Sociology	3

A minimum of "C" is required

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

B. Prescribed Nursing Courses (as outlined in this catalog) - 63 hours

C. Electives (if necessary) to bring total to - 124 semester hours

BACHELOR OF SCIENCE IN HEALTH SCIENCES DEGREE - ACADEMIC CORE

To receive a Bachelor of Science in Health Sciences degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 40 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

EXSS 3107	Advanced Cardiovascular Training	1
EXSS 3135	Advanced Resistance Training	1

Students majoring in Exercise Physiology with Strength and Conditioning Education Program must take EXSS 3135.

Student must make a "C" or higher in both EXSS 3107 and EXSS 3135.

Fine Arts - 3 hour

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

World Cultures - 3 hours

EXSS 2353	Lifespan Nutrition	3

Laboratory Science - 4 hours

Students majoring in EC-12 Physical Education Certification and Coaching Concentration may select and Lab Science listed here (p. 75)

All other BSHS majors must complete the two following:

BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 2341	Human Anatomy & Physiology II	3

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
MATH 1306	College Algebra	3

*Health Science Majors require MATH 1306. EC-12 Physical Education and Exercise Physiology Majors require MATH 1304.

Social Science - 3 hours

PSYC 1301	General Psychology	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

B. Health Science Foundation - 24 hours

C. Major - 15-22 hours

See the Degrees section for a listing of available majors.

D. Electives (if necessary) to bring total to 120 hours

D. Concentration

Concentrations vary in hours depending on the major.

BACHELOR OF SCIENCE IN PUBLIC HEALTH DEGREE - ACADEMIC CORE

To receive a Bachelor of Science in Public Health degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 40 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

World Cultures - 3 hours

EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

EXSS 2353 is recommended

Laboratory Science - 4 hours

BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 2341	Human Anatomy & Physiology II	3

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 2303	Statistics	3

Social Science - 3 hours

PSYC 1301	General Psychology	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

B. Public Health Major - 30 hours

C. Health Promotion Concentration - 17 hours

D. Electives (if necessary) to bring total to - 120 hours.

BACHELOR OF SOCIAL WORK DEGREE - ACADEMIC CORE

To receive a Bachelor of Social Work degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 46 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Lab Science - 4 hours

	Lab Science	4

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3

Social Science - 9 hours

PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
PSYC 3315	Abnormal Psychology	3

US History or US Government - 3 hours

POLS 2305	United States Government	3
	or	
POLS 2306	Texas State and Local Government	3

World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

B. Social Work Major - 52 hours

C. Electives (if necessary) to bring total to - 120 hours

BACHELOR OF SPORT MANAGEMENT DEGREE - ACADEMIC CORE

To receive a Bachelor of Sport Management degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 40 hours

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

EXSS 3107	Advanced Cardiovascular Training	1
EXSS 3135	Advanced Resistance Training	1

Student must make a "C" or higher in both EXSS 3107 and EXSS 3135.

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

World Cultures - 3 hours

EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

Laboratory Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

B. Sport Management Major- 37 hours

C. Required Minor

Student majoring in Sport Management must choose a minor pertinent to the student's desired profession.

D. Electives (if necessary) to bring total to - 120 hours

*Requirements of some majors/minors may extend the total beyond 120 semester hours.

BACHELOR OF TRANSFORMATIONAL DEVELOPMENT DEGREE - ACADEMIC CORE

DEGREE REQUIREMENTS

A. Core Courses - 48 hours

Biblical Language - 8 hours

in one language of Greek, Hebrew, or Spanish

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
COMM 2335	Film Appreciation	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

World Cultures - 3 hours

PHIL 2315	Introduction to Philosophy	3

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

B. Christian Studies Content - 24 hours

C. Business Content- 24 hours

D. Capstone Course- 1 hour

E. Electives (if necessary) to bring total to - 120 hours

TEACHER CERTIFICATION (POST-BACCALAUREATE)

Specific courses required for Texas Teacher Certification by individuals possessing a baccalaureate degree may be obtained by contacting UMHB's College of Education. Degree plans, teaching fields, available endorsements, and delivery systems may be found in the College of Education (p. 107) section of this catalog.

MCLANE COLLEGE OF BUSINESS

Dr. Andrew Tiger, Dean

Mr. Larry Locke, Associate Dean

Vision

The McLane College of Business at the University of Mary Hardin-Baylor aspires to be the school of choice for students in the Southwest seeking a practical business education grounded on Christian faith.

Mission

The McLane College of Business provides high quality, innovative, and accessible business education with a distinctive commitment to business as calling, preparing graduates for purposeful service and leadership in Business Administration.

Business Administration

Objectives

The McLane College of Business supports the objectives of the University of Mary Hardin-Baylor. It provides a broad education that prepares graduates to succeed in a global and competitive business world. Christian principles of business, management, and leadership provide the foundation for the essential concepts and skills needed by future organizational leaders. Emphases are placed on global concepts and practical experience, as well as the development of oral, written, and technology-based communication skills.

Graduation Requirements

The McLane College of Business (MCoB) requires all students with a MCoB major to graduate with a 2.5 cumulative GPA for all Business courses required by the degree, including courses required in the Business Core, Business Foundation, Business Major, any Business Minor or Track or required Business Electives, taken at UMHB.

Course Prerequisites

Course prerequisites are governed by the catalog in effect at the time the course is offered.

Transfer of Credits

Students planning to take all or a portion of their first two years of work at a junior or community college should follow the curriculum that is taken by UMHB freshmen and sophomores. Academic counseling is available through the Admissions Department or the Associate Dean to help students know what courses will fulfill degree requirements. **Classes offered by the McLane College of Business as junior or senior-level courses may not be taken at a junior or community college and transferred to UMHB to substitute for the upper level course at UMHB.**

UMHB students who wish to enroll at another institution for courses to be used in their UMHB degree **must** secure **prior written permission** (before registering for courses at another institution) from the Associate Dean and the Registrar.

Credit for some, but not all, business courses may be obtained by passing a written challenge examination. Permissions from the Associate Dean is needed to take the respective examination.

Degree Programs

B.B.A.

The primary undergraduate degree offered by the McLane College of Business is the Bachelor of Business Administration (B.B.A.) with a choice of a major in Accounting, Business Computer Information Systems, Entrepreneurship & Small Business, Finance, Management, Marketing, or Supply Chain Management. Because the B.B.A. is a professional degree, it is the degree of choice for students who want to be recognized professionally as business school graduates. The B.B.A. best prepares students for graduate studies in business, international business, economics, organization management, leadership, and law.

B.B.A. students have the option of earning a second major in any of the business major areas, a minor in any of the business minor areas, or a minor in any other academic area offered at UMHB. Because of the competitive advantage of having a second field of study, students are urged to consider at least one of these options. Students not pursuing one of these options are required by the degree plan to earn three (3) hours of upper level electives offered by McLane College of Business and sufficient electives to satisfy the university's 120-hour requirement.

Students must have a 2.5 GPA in the classes required in their major field in order to complete the fulfillment of the major requirements for graduation.

B.A. or B.S.

Students may pursue a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree with a major in Business Administration.

Students pursuing a B.A. or B.S. must have a 2.5 GPA in their major field in order to complete the fulfillment of the major requirements for graduation.

Required Practical Experience

All students majoring under any degree program in the McLane College of Business are required to acquire three

hundred (300) hours of practical experience **while enrolled at UMHB**. This requirement must be fulfilled before a student is allowed to graduate. Practical experience must be in the area of the student's anticipated major/minor and may be acquired through full-time employment, part-time employment, paid or unpaid internships, apprenticeships, international experiences, or other experience approved by the Associate Dean. If a student has multiple majors, a student is required to complete a total of three hundred (300) practical experience hours across all their majors combined - not three hundred (300) in each major/minor.

In order to fulfill the practical experience requirement, a student must:
1. Register for BADM 4090 during or immediately upon completion of the practical experience in order to receive degree plan credit.
2. Submit to instructor of record a letter from an employer/supervisor, or internship or apprentice site, etc. to verify the student's practical experience,
3. Complete a reflective questionnaire and submit it to the instructor of record.
Students are encouraged to see the Associate Dean for more information or to confirm whether a specific practical experience will fulfill this requirement.
Most practical experience activities are independent of the university and are neither supervised nor controlled by the university.

BACHELOR OF BUSINESS ADMINISTRATION (BBA)

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 46 hours

see Bachelor of Business Administration Degree - Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BFIN 3311	Principles of Finance	3
BLDR 3350	Christian Principles in Business Leadership	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3

Business Area Major – 15-21 hours

	Accounting	
	Business Computer Information Systems	
	Entrepreneurship & Small Business	
	Finance	
	Management	
	Marketing	
	Supply Chain Management	

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Business Electives - 3 hours upper level

3000-4000 business courses

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

see specific academic area

Minimum Total Semester Hours

With College of Business upper-level elective	120
With Business Area Minor	120
With Second Business Area Major	120-130

BUSINESS ADMINISTRATION (BA)

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 60 hours

Bachelor of Arts Degree - Academic Core (p. 76)

Includes MATH 1315 as the Mathematics requirement and BECO 2311 as the Social Science requirement.

Business Area Major – 36 hours

BADM 1301	Introduction to Business	3
BCIS 1301	Information Systems for Business Impact	3
BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 3315	Business Communications	3
BFIN 3311	Principles of Finance	3
BLAW 2311	Business Law	3
BLDR 3350	Christian Principles in Business Leadership	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BADM 4090	Practical Experience	0
	Select one:	
BENT 3310	Introduction to Entrepreneurship	3
BMGT 3321	Human Resources Management	3
BQBA 2302	Business Data Analysis	3

BECO 2311 is required to fulfill 3 hours of Social Science in the UMHB Core Curriculum.

BUSINESS ADMINISTRATION (BS)

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core –46 hours

Bachelor of Science Degree - Academic Core (p. 81)

Includes MATH 1315 as the Mathematics requirement and BECO 2311 as the Social Science requirement.

Students may also select the Bachelor of Science with Global Emphasis in Foreign Language by taking an additional eight hours in Foreign Language or a Bachelor of Science with Global Emphasis in Study Abroad by taking an additional three hours in a Study Abroad component.

Business Area Major – 36 hours

BADM 1301	Introduction to Business	3
BCIS 1301	Information Systems for Business Impact	3
BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 3315	Business Communications	3
BFIN 3311	Principles of Finance	3
BLAW 2311	Business Law	3
BLDR 3350	Christian Principles in Business Leadership	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BADM 4090	Practical Experience	0
	Select one:	
BENT 3310	Introduction to Entrepreneurship	3
BMGT 3321	Human Resources Management	3
BQBA 2302	Business Data Analysis	3

BADM 4090: fulfills the Research Methods/Internship block in the UMHB Core Curriculum

BUSINESS ADMINISTRATION MINOR

DEGREE REQUIREMENTS

Required Courses – 24 hours

6 hours upper level at UMHB

BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BLDR 3350	Christian Principles in Business Leadership	3
BACC 2311	Financial Accounting	3
BMGT 3310	Fundamentals of Management	3
BMKT 3311	Principles of Marketing	3
	Select one:	
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3

Minors

LEADERSHIP B.B.A. MINOR

DEGREE REQUIREMENTS

Required Courses 12 hours

BLDR 3310	Leadership Theory and Practice	3

Select three of the following courses:

BLDR 3321	Building Better Businesses	3
BLDR 3355	Developing Personal Leadership	3
BLDR 4395	Internship in Business Leadership	3
	Non-Management majors can also choose from the following:	
BMGT 3315	Organizational Behavior	3
BMGT 3334	Team Management	3
BMGT 4332	Managing Workplace Diversity	3

LEADERSHIP B.A./B.S. MINOR

DEGREE REQUIREMENTS

Required Courses:

18 hours required. 6 hours upper level at UMHB.

BLDR 3310	Leadership Theory and Practice	3
BMGT 3310	Fundamentals of Management	3

Select four of the following courses:

BLDR	Any BLDR class	3
BMGT 3315	Organizational Behavior	3
BMGT 3330	Negotiation and Conflict Management	3
BMGT 3334	Team Management	3
BMGT 4332	Managing Workplace Diversity	3
PSYC 3319	Social Psychology	3
PSYC 4350	Psychology of Leadership	3
PSYC 4351	Industrial & Organizational Psych	3
PSYC 4343	Positive Psychology	3
SOCI 3325	Human Diversity	3
COMM 3310	Persuasion	3

This minor is available to all students other than those pursuing a BBA.

Note: Students may not double dip any class with any classes from their major.

Accounting and Finance Department

ACCOUNTING B.B.A.

A 21-hour B.B.A. major (beyond the 3 hours of Accounting required in the Business Foundation) is available. The 21-hour B.B.A. major is preparation for careers in accounting. Students wishing to pursue CPA certification must complete the 21-hour B.B.A. major, take an additional 6 hours in accounting as business electives and complete the M.S.A. program requirements outlined in the UMHB graduate catalog.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BCIS 3312	Management Information Systems	3
BFIN 3311	Principles of Finance	3
BLDR 3350	Christian Principles in Business Leadership	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BSYS 3325	Production Operations Management	3

BCIS 3312: Accounting students may substitute BACC 3329 Accounting Information Systems

BADM 4341: Students intending to take the CPA Exam **must** substitute BACC 4350 Ethics for Accountants because of Texas State Board requirements.

B.B.A. Accounting Major Required Courses –21 hours

15 hours (*6 upper level*) at UMHB

15 hours minimum upper level

BACC 3321	Intermediate Accounting I	3
BACC 3322	Intermediate Accounting II	3
BACC 4341	Financial Statement Analysis	3
BACC 3324	Federal Income Taxation for Individuals	3
BACC 3325	Federal Income Taxation for Business Entities	3
BACC 4323	Cost Accounting	3
BACC 4331	Auditing I	3

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Business Electives - 3 hours upper level

or

Business Area Minor - 12 hours

or

Second Business Major - 15 hours

or

Non-business Minor - 18-24 hours

ACCOUNTING BBA MINOR

DEGREE REQUIREMENTS

Required Courses

6 hours upper-level at UMHB

BACC 3321	Intermediate Accounting I	3
BACC 3324	Federal Income Taxation for Individuals	3
BACC 4341	Financial Statement Analysis	3
BACC	Any 3-hour upper-level BACC course	3

Students in any BBA major other than Accounting may earn a minor in Accounting.

FINANCE B.B.A.

A 15-hour B.B.A. major and a 12 hour B.B.A. minor are available. This major is preparation for careers in banking, investments, corporate finance, insurance, and real estate.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENT

Academic Core – 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BFIN 3311	Principles of Finance	3
BLDR 3350	Christian Principles in Business Leadership	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3

B.B.A. Finance Major Required Courses – 15 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BFIN 3333	Corporate Finance	3
BFIN 3334	Working Capital Management	3
BFIN 4331	Investment Analysis and Planning	3

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Six hours from the following:

BFIN 3312	Money & Banking	3
BFIN 3324	Insurance Planning and Financial Risk Management	3
BFIN 4341	Financial Statement Analysis	3
BFIN 4344	Portfolio Management	3
BFIN 4345	International Financial Management	3

A 2.50 GPA is required in the major for graduation.

Business Electives - 3 hours upper level

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

FINANCE BBA MINOR

Students in any major field may earn a minor (12 semester hours) in Finance. A Finance minor allows students to be better familiarized with financial theory and its application in business.

DEGREE REQUIREMENTS

Required Courses:

Pick 12 hours from the courses listed below. Six hours must be completed at UMHB.

BFIN 3324	Insurance Planning and Financial Risk Management	3
BFIN 3333	Corporate Finance	3
BFIN 3334	Working Capital Management	3
BFIN 4331	Investment Analysis and Planning	3
BFIN 4341	Financial Statement Analysis	3
BFIN 4344	Portfolio Management	3
BFIN 4345	International Financial Management	3

Business Computer Information Systems

The objective of the Business Computer Information Systems Program in the McLane College of Business is to motivate and prepare students to develop their potential for excellence in Business Computer Information Systems fields. This is accomplished through experienced faculty and a curriculum that gives the student a broad education in the fundamental principles and applied techniques of the discipline. The ultimate goal of the program is to prepare information technology and systems professionals in business, industry, and government.

Two separate areas of study are available within this program: B.B.A. in Business Computer Information Systems, and B.B.A. in Supply Chain Management. Minors in Business Computer Information Systems and Supply Chain Management are also available.

Students must have a 2.5 GPA in their major field in order to fulfill graduation requirements for the B.B.A., the B.A., and the B.S..

No grade lower than "C" will count toward fulfillment of B.A. or B.S. major field requirements.

BUSINESS COMPUTER INFORMATION SYSTEMS B.B.A.

A 15-hour major or 12-hour B.B.A. minor (beyond the 3 hours of BCIS required in the Business Foundation and the 3 hours of BSYS and the 3 hours of BCIS required in the Business Core) is available. The major is preparation for individuals who plan to pursue careers as business computer information systems professionals, including business analysts, system developers, web site developers, network analysts, and systems managers.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4341	Business Ethics	3
BFIN 3311	Principles of Finance	3
BLDR 3350	Christian Principles in Business Leadership	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3
BADM 4090	Practical Experience	0

B.B.A. Business Computer Information Systems Major Required Courses – 15 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BCIS 2330	Fundamentals of Programming	3
BCIS 3320	Database Administration	3
BCIS 3325	Systems Analysis and Design	3
BCIS 4345	IT Security and Networking	3
BCIS 4370	IS Management and Capstone Project	3

A 2.50 GPA is required in the major for graduation.

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Business Electives - 3 hours upper level

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

BUSINESS COMPUTER INFORMATION SYSTEMS B.A./B.S. MINOR

DEGREE REQUIREMENTS

Required Courses:

18 hours required. 6 hours upper level at UMHB

BCIS 1301	Information Systems for Business Impact	3
BCIS 2330	Fundamentals of Programming	3
BCIS 3320	Database Administration	3
BCIS 3325	Systems Analysis and Design	3
BCIS 4345	IT Security and Networking	3
BCIS 4370	IS Management and Capstone Project	3

Students majoring in Business Computer Information Systems cannot take this Minor. Students pursuing a BBA degree should refer to the Business Computer Information Systems B.B.A. Minor for requirements. Students must ear a "C" or better in each course in this minor.

BUSINESS COMPUTER INFORMATION SYSTEMS B.B.A. MINOR

DEGREE REQUIREMENTS

Required Courses:

6 hours upper level at UMHB

BCIS 2330	Fundamentals of Programming	3
BCIS 3320	Database Administration	3
BCIS 3325	Systems Analysis and Design	3
BCIS 4370	IS Management and Capstone Project	3

SUPPLY CHAIN MANAGEMENT B.B.A.

A 15-hour BBA major and 12-hour B.B.A. minor (beyond the 3 hours of BCIS required in the Business Foundation and the 3 hours of BSYS and 3 hours of BCIS required in the Business Core) are available. The major is preparation for individuals who plan to pursue careers in the fields of logistics, distribution, or supply chain management.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4341	Business Ethics	3
BFIN 3311	Principles of Finance	3
BLDR 3350	Christian Principles in Business Leadership	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3
BADM 4090	Practical Experience	0

B.B.A. Supply Chain Management Major Required Courses – 15 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BSYS 3315	Introduction to Supply Chain Management	3
BSYS 3355	Distribution and Inventory Management	3
BSYS 3385	Purchasing and Procurement	3
BSYS 4330	Supply Chain Management with ERP	3
BSYS 4370	Supply Chain Management and Capstone Project	3

A 2.50 GPA is required in the major for graduation.

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Business Electives - 3 hours upper level

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

SUPPLY CHAIN MANAGEMENT B.B.A. MINOR

DEGREE REQUIREMENTS

Required Courses:

6 hours upper level at UMHB

BSYS 3315	Introduction to Supply Chain Management	3
BSYS 3355	Distribution and Inventory Management	3
BSYS 3385	Purchasing and Procurement	3
BSYS 4330	Supply Chain Management with ERP	3

Note: Students majoring in Supply Chain Management cannot take this Minor. Students must earn a "C" or better in each course in this minor.

Management, Entrepreneurship and Marketing Department

Entrepreneurship

ENTREPRENEURSHIP & SMALL BUSINESS B.B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BLDR 3350	Christian Principles in Business Leadership	3
BFIN 3311	Principles of Finance	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3

B.B.A. Entrepreneurship and Small Business Major Required Courses – 15 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Choose Two of the Following

BENT 3310	Introduction to Entrepreneurship	3
BMGT 3334	Team Management	3
BMGT 4322	Small Business Management	3

Choose Three of the Following

BACC 3327	Small Business Accounting	3
BADM 4312	Global Business as Mission	3
BADM 4320	Global Social Enterprise	3
BADM 4351	Global Commerce	3
BENT 4360	International Entrepreneurship	3
BENT 4395	Internship in Entrepreneurship	3
BLDR 3355	Developing Personal Leadership	3
BMGT 3360	Entrepreneurial Management	3

Other Small Business, Entrepreneurship, or related courses as approved by the program coordinator.

No grade lower than "C" will count toward fulfillment of Entrepreneurship & Small Business major requirements.

Students must have a 2.5 GPA in their major field in order to complete the fulfillment of the major requirements for graduation.

Business Electives - 3 hours upper level

or

Business Specialization - 9 hours

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

ENTREPRENEURSHIP AND SMALL BUSINESS B.B.A. MINOR

DEGREE REQUIREMENTS

Required Courses- 12 hours

Select Two of the Following

BENT 3310	Introduction to Entrepreneurship	3
BMGT 3334	Team Management	3
BMGT 4322	Small Business Management	3

Select Two of the Following

BACC 3327	Small Business Accounting	3
BADM 4312	Global Business as Mission	3
BADM 4320	Global Social Enterprise	3
BENT 4351	Managing the Entrepreneurial Family Business	3
BENT 4360	International Entrepreneurship	3
BENT 4395	Internship in Entrepreneurship	3
BLDR 3355	Developing Personal Leadership	3
BMGT 3360	Entrepreneurial Management	3

ENTREPRENEURSHIP AND SMALL BUSINESS B.A. MINOR

DEGREE REQUIREMENTS

Required- 18 hours

BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3

Select Four of the Following

BACC 3327	Small Business Accounting	3
BADM 4312	Global Business as Mission	3
BADM 4320	Global Social Enterprise	3
BENT 3310	Introduction to Entrepreneurship	3
BENT 4351	Managing the Entrepreneurial Family Business	3
BENT 4360	International Entrepreneurship	3
BENT 4395	Internship in Entrepreneurship	3
BMGT 3334	Team Management	3
BMGT 3360	Entrepreneurial Management	3
BMGT 4322	Small Business Management	3

Other Small Business, Entrepreneurship, or related courses as approved by the program coordinator.

ENTREPRENEURSHIP AND SMALL BUSINESS B.S. MINOR

DEGREE REQUIREMENTS

Required Courses - 18 hours

BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3

Select Four of the Following

BACC 3327	Small Business Accounting	3
BADM 4312	Global Business as Mission	3
BADM 4320	Global Social Enterprise	3
BENT 3310	Introduction to Entrepreneurship	3
BENT 4351	Managing the Entrepreneurial Family Business	3
BENT 4360	International Entrepreneurship	3
BENT 4395	Internship in Entrepreneurship	3
BMGT 3334	Team Management	3
BMGT 3360	Entrepreneurial Management	3
BMGT 4322	Small Business Management	3

Other Small Business, Entrepreneurship, or related courses as approved by the program coordinator.

Management

A 15-hour B.B.A. major, a major with a Global Management Track or a 12-hour B.B.A. minor (beyond the 6 hours of Management required in the Business Core) as well as an 18-hour B.A./B.S. minor for non-business majors is available. The major provides a background for understanding and managing organizations and prepares students for entry-level positions and management training programs.

Our graduates are able communicators, both oral and written, using appropriate technologies in a professional manner. Our graduates work effectively in team environments. Our graduates demonstrate the ability to critically analyze and evaluate organization problems, involving people, situations, and behavior in light of established managerial theory and practice and probable consequences.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

MANAGEMENT B.B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 24 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BLDR 3350	Christian Principles in Business Leadership	3
BFIN 3311	Principles of Finance	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3

B.B.A. Management Major Required Courses – 15 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BMGT 3315	Organizational Behavior	3
BMGT 3321	Human Resources Management	3

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Plus any three additional 3-hour courses with BMGT, BLDR, or BENT Prefix

Business Electives - 3 hours upper level

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

or

MANAGEMENT B.B.A. - GLOBAL MANAGEMENT TRACK

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BADM 2311	Personal Financial Planning	3
BCIS 1301	Information Systems for Business Impact	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BLDR 3350	Christian Principles in Business Leadership	3
BFIN 3311	Principles of Finance	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3

B.B.A. Management Major - Global Management Track Required Courses – 15 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BMGT 3315	Organizational Behavior	3
BMGT 3321	Human Resources Management	3
BMGT 4332	Managing Workplace Diversity	3
BMGT 4340	International Management	3
	One of the following	
BADM 3351	Culture and Global Business	3
BADM 4312	Global Business as Mission	3

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Business Electives - 3 hours upper level

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

MANAGEMENT B.B.A. MINOR

DEGREE REQUIREMENTS

Required Courses- 12 hours

6 hours upper level at UMHB

BMGT 3315	Organizational Behavior	3
BMGT 3321	Human Resources Management	3

Please select two additional 3-hour BMGT, BLDR or BENT courses.

MANAGEMENT B.A./B.S. MINOR

An 18-hour minor is available for B.A. and B.S. degrees.

DEGREE REQUIREMENTS

Required-Courses

6 hours upper-level at UMHB

BMGT 3310	Fundamentals of Management	3
BMGT 3315	Organizational Behavior	3
BMGT 3321	Human Resources Management	3

Please select three additional 3-hour BMGT, BLDR, or BENT courses.

Marketing

A 15-hour B.B.A. major, a 18-hour BBA Marketing Major Digital Marketing Track, a 12-hour B.B.A. minor (beyond the 3 hours of Marketing required in the Business Core), and an 18-hour B.A./B.S. minor is available. The major is preparation for careers in sales, sales management, advertising and digital marketing.

Our graduates can apply the fundamental concepts to the analysis of marketing challenges faced by profit and/or nonprofit organizations. Our graduates can collect, analyze, interpret and report decision meaningful marketing information, using primary and/or secondary sources of consumer and business data. Our graduates can develop and defend marketing plans, including implementation, that will support organizational objectives.

MARKETING B.B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BCIS 1301	Information Systems for Business Impact	3
BADM 2311	Personal Financial Planning	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BLDR 3350	Christian Principles in Business Leadership	3
BFIN 3311	Principles of Finance	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3

B.B.A. Marketing Major Required Courses:

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BMKT 3322	Consumer Behavior	3
BMKT 3331	Marketing Research	3
BMKT 4341	Marketing Strategy	3

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Select two of the following courses:

BMKT 3310	Service Based Marketing	3
BMKT 3312	Advertising and Promotion	3
BMKT 3315	Event Marketing	3
BMKT 3353	Selling and Sales Management	3
BMKT 4340	International Marketing	3
BMKT 4360	Marketing through Social Media	3
BMKT 4370	Not-for-Profit Marketing	3
BMKT 4380	New Product Marketing	3

Business Electives - 3 hours upper level

or

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

or

MARKETING B.B.A. - DIGITAL MARKETING MEDIA TRACK

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Business Administration Degree Academic Core (p. 77)

Professional Business Foundation – 27 hours

BACC 2311	Financial Accounting	3
BACC 2312	Managerial Accounting	3
BADM 1301	Introduction to Business	3
BCIS 1301	Information Systems for Business Impact	3
BADM 2311	Personal Financial Planning	3
BECO 2311	Principles of Macroeconomics	3
BECO 2312	Principles of Microeconomics	3
BLAW 2311	Business Law	3
BQBA 2302	Business Data Analysis	3

BECO 2311 also fulfills the Social Science requirement in the UMHB Core Curriculum.

Professional Business Core – 27 hours

BADM 3315	Business Communications	3
BADM 4090	Practical Experience	0
BADM 4341	Business Ethics	3
BLDR 3350	Christian Principles in Business Leadership	3
BFIN 3311	Principles of Finance	3
BMGT 3310	Fundamentals of Management	3
BMGT 4349	Strategic Management & Policy	3
BMKT 3311	Principles of Marketing	3
BCIS 3312	Management Information Systems	3
BSYS 3325	Production Operations Management	3

B.B.A. Marketing Major Digital Marketing Media Track Required Courses - 18 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BMKT 3322	Consumer Behavior	3
BMKT 3331	Marketing Research	3
BMKT 4341	Marketing Strategy	3
BCIS 2318	Introduction to Web Site Design	3
BCIS 3311	Social Media	3
BCIS 3340	Introduction to E-Commerce	3

BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, volunteer service, apprenticeships, international experiences, or other experience as approved by the Associate Dean.

Business Electives - 3 hours upper level

Business Area Minor - 12 hours

or

Second Business Major - 15-21 hours

or

Non-business Minor - 18-24 hours

MARKETING B.B.A. MINOR

DEGREE REQUIREMENTS

Required Courses:

6 hours upper level at UMHB

BMKT 3322	Consumer Behavior	3
BMKT 3331	Marketing Research	3
BMKT 4341	Marketing Strategy	3

Please select one additional 3- hour BMKT course:

BMKT	BMKT Additional Hours	3

MARKETING B.A./B.S. MINOR

An 18-hour minor is available for B.A. and B.S. degrees.

DEGREE REQUIREMENTS

Required Courses

BMKT 3311	Principles of Marketing	3
BMKT 3312	Advertising and Promotion	3
BMKT 3322	Consumer Behavior	3
BMKT 3331	Marketing Research	3

Please select two additional 3-hour BMKT courses

6 additional hours in BMKT courses	6

Minors

ACCOUNTING BBA MINOR

Accounting BBA Minor (p. 92)

BUSINESS ADMINISTRATION MINOR

Business Administration Minor (p. 91)

BUSINESS COMPUTER INFORMATION SYSTEMS BA-BS MINOR

Business Computer Information Systems B.A./B.S. Minor (p. 94)

BUSINESS COMPUTER INFORMATION SYSTEMS BBA MINOR

Business Computer Information Systems B.B.A. Minor (p. 95)

ENTREPRENEURSHIP AND SMALL BUSINESS BA MINOR

Entrepreneurship and Small Business B.A. Minor (p. 97)

ENTREPRENEURSHIP AND SMALL BUSINESS BBA MINOR

Entrepreneurship and Small Business B.B.A. Minor (p. 96)

ENTREPRENEURSHIP AND SMALL BUSINESS BS MINOR

Entrepreneurship and Small Business B.S. Minor (p. 97)

FINANCE BBA MINOR

Finance BBA Minor (p. 93)

LEADERSHIP BA-BS MINOR

Leadership B.A./B.S. Minor (p. 92)

LEADERSHIP BBA MINOR

Leadership B.B.A. Minor (p. 91)

MANAGEMENT BA-BS MINOR

Management-BA-BS-Minor (p. 99)

MANAGEMENT BBA MINOR

Management B.B.A. Minor (p. 99)

MARKETING BA-BS MINOR

Marketing BA-BS Minor (p. 101)

MARKETING BBA MINOR

Marketing B.B.A. Minor (p. 101)

SUPPLY CHAIN MANAGEMENT BBA MINOR

Supply Chain Management B.B.A. Minor (p. 95)

COLLEGE OF CHRISTIAN STUDIES

Dr. Timothy G. Crawford, Dean

Purpose

The faculty of the College of Christian Studies contribute to the mission of UMHB to be a Christ-centered institution of higher learning by empowering our students to become intellectually prepared servants of God. A key part of the College's mission is to provide introduction to the Old and New Testaments courses (the "Engaging" courses) for every undergraduate student so that the students not only know information about Scripture, but are also able to interpret and apply it. The College offers courses in advanced biblical studies, biblical languages, church history, theology, philosophy, Christian ministry, and intercultural studies (Missions). The faculty consists of Christians committed to the service of the church and academic excellence who seek to broaden students' vision and focus their commitment through intellectual and spiritual growth.

Christian Studies

Introduction

The College of Christian Studies offers four degree programs and a variety of minors designed to meet the needs and interests of students. The four degree programs are Bachelor of Christian Studies (BA), Bachelor of Christian Ministry (BCM), Bachelor of Arts in Religion and Public Life (BA), and Bachelor of Transformational Development (BTD). The College also offers minors to all university students in the areas of Christian Studies, Biblical Studies, Philosophy, Intercultural Studies (Missions), and Biblical Languages. The degree programs of the College prepare students for service in the local church or other ministry and mission settings as well as advanced study in graduate schools or seminary.

Grade Requirement: A grade less than "C" in Christian Studies courses will not apply toward any major or minor offered in the College of Christian Studies.

BGCT SCHOLARSHIP REQUIREMENTS

Majors in the College of Christian Studies or Church Music who are active members of churches affiliated with the Baptist General Convention of Texas and who are planning to enter Christian ministry as a full-time vocation may apply for the Baptist General Convention of Texas Scholarship, offered in the amount of $50/semester hour for freshmen and sophomores and $75/semester hour for juniors and seniors.

Students receiving the scholarship must complete at least the following courses in Christian Studies including the following:

CSMN 1320	Introduction to Christian Ministry	3
CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3
CSCH 3310	History of the Baptists	3

CSMN 1320: must be taken in the 1st or 2nd semester of receiving the BGCT scholarship

FOREIGN LANGUAGE REQUIREMENT

UMHB requires students pursuing the BA degree to complete a minimum of 14 hours (4 semesters) in one foreign language as a Core requirement. Christian Studies majors are encouraged to satisfy this requirement by taking a biblical language (Hebrew or Greek), but it may also be satisfied with Latin, German, French, or Spanish. Study of the biblical languages is preferred since it enhances students' understanding of the Bible and prepares them for biblical language requirements in seminary or graduate school.

Students pursuing the BCM degree (Bachelor of Christian Ministry) are required to complete 8 hours (2 semesters) in either Greek or Hebrew as a Core Requirement.

Students pursuing the BTD (Bachelor of Transformational Development) are required to complete two semesters of Hebrew, Greek, or Spanish as a Core Requirement.

CHRISTIAN STUDIES B. A.

Christian Studies students pursuing the BA degree receive a broad liberal arts education and the ability to select from a wide variety of courses that reflect their interests. The Christian Studies degrees do not require a minor. However, Christian Studies B.A. majors may also complete the Biblical Languages, Philosophy, or Intercultural Studies minors, or a minor outside the College. Christian Studies B.A. students may not do the Biblical Studies or Christian Studies minors. The BA is also the best for students seeking to double major.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 60 hours

see Bachelor of Arts Degree - Academic Core (p. 76)

(includes PHIL 2315 as the World Cultures requirement)

Foundations Courses – 14 hours

CSMN 1320	Introduction to Christian Ministry	3
CCST 2200	Research and Writing in Christian Studies	2
CSBS 2302	Introduction to Biblical Interpretation	3
CSCH 2318	Introduction to Church History	3
CSTH 2316	Introduction to Christian Theology	3

Advanced Christian Studies-15 hours

Chose one upper level course from each area:

	Upper Level Old Testament	3
	Upper Level New Testament	3
	Upper Level Church History	3
	Upper-Level Philosophy	3
	Upper-Level Theology	3

Christian Studies Electives - 6 hours

Select 6 hours in any combination from the following areas or courses (the language classes listed below may count in the major if they are *not* being counted toward the Biblical Language minor)

	Archaeology	
	Biblical Studies	
	Church History	
	Christian Ministry	
	Christian Studies	
	Christian Studies Intercultural Studies	
GREK 3313	Intermediate Greek I	3
GREK 3314	Intermediate Greek II	3
HBRW 3313	Intermediate Classical Hebrew I	3
HBRW 3314	Intermediate Classical Hebrew II	3
	Philosophy	
	Theology	

Capstone Courses - 1 hour

CCST 4190	Senior Capstone	1

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

General Electives - to reach 120 hours

RELIGION AND PUBLIC LIFE B. A.

The major in Religion and Public Life is designed for students who have a passion for justice and wish to serve beyond the local church setting. This degree explores the complicated intersection between religion and American culture from historical, theological, and sociological perspectives. It will provide students with the Christian foundation to identify and contribute to the common good through vocational pathways such as law, humanitarian aid, non-profit, government service, foreign service, or peace initiatives.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 60 hours

see Bachelor of Arts Degree - Academic Core (p. 76)

(Includes PHIL 2315 as the World Cultures requirement, SOCI 1311 as the Social Science requirement and HIST 1311 or 1312 as the World Cultures or Any Philosophy requirement.)

Foundation Courses

CSTH 3345	Christian Ethics and Social Issues	3
CSCH 3330	Religion in America	3
HIST 4330	History of Church State In the U.S.	3
SOCI 4330	Sociology of Religion	3

Advanced Courses

	One of the following	
PHIL 2320	World Religions	3
CSIS 3301	Intercultural Perspectives	3
	One of the following	
CSCH 4380	Women in American Christianity	3
CSCH 4311	Antisemitism, Christianity, and the Holocaust	3
CSCH 3320	Baptists in Black and White	3
	One of the following	
HIST 3314	The American South	3
HIST 4325	Contemporary America	3
	One of the following	
HIST 3325	History of the American Presidency	3
HIST 4324	Emergence of Modern America	3
	One of the following	
HIST 4313	History of Western Political Thought Through the Enlightenment	3
HIST 4314	History of Western Political Thought from the Nineteenth Century to the Present	3
	One of the following	
SOCI 3317	Race and Ethnicity	3
SOCI 3340	Social Class and Poverty	3
SOCI 4318	Social Theory	3

Capstone Course

CCST 4110	Religion and Public Life Capstone	1

General Electives - to reach 120 hours

BACHELOR OF CHRISTIAN MINISTRY (B.C.M.)

The Bachelor of Christian Ministry (BCM) degree allows students to complete a broad variety of Christian Studies courses in biblical, historical, and theological areas and it lets them concentrate their studies in a particular area of Christian Ministry. Students will select from concentrations in Community Care, Intercultural Studies, Pastoral Ministry, Sports and Recreation Ministry and Youth and Children's Ministry. All BCM students must also complete one year of study in a biblical language of their choice in either Hebrew or Greek.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 54 hours

see Bachelor of Christian Ministry Degree - Academic Core (p. 78)

Christian Studies Foundation – 17 hours

CSMN 1320	Introduction to Christian Ministry	3
CCST 2200	Research and Writing in Christian Studies	2
CSBS 2302	Introduction to Biblical Interpretation	3
CSCH 2318	Introduction to Church History	3
CSTH 2316	Introduction to Christian Theology	3
CCST 3301	Spiritual Formation	3

Advanced Christian Studies – 15 hours

	Upper Level New Testament	3
	Upper Level Old Testament	3
	Upper Level Church History	3
	Upper-Level Theology	3
	Upper-Level Philosophy	3

General Electives- to reach 120 Hours

Capstone Courses – 1 hour

CCST 4190	Senior Capstone	1

CONCENTRATIONS

Select one of the following concentrations:

Community Care Concentration- 15 hours

CSMN 3306	Congregational Leadership	3
SOCW 3315	Human Diversity	3
SOCW 3325	Case Management	3
SOCI 4330	Sociology of Religion	3
CSMN 4316	Supervised Ministry Internship	3

Students may take SOCI 3340 in lieu of SOCI 4330. Other SOCW electives must be approved by department for substitution.

Intercultural Studies Concentration – 15 hours

CSMN 3306	Congregational Leadership	3
CSIS 3301	Intercultural Perspectives	3
CSIS 3300	Missiology	3
CSIS 3350	Intercultural Field Experience	3
	or	
CSMN 4316	Supervised Ministry Internship	3
	CSMN/CSIS Elective	3

Pastoral Ministry Concentration – 15 hours

CSMN 3306	Congregational Leadership	3
CSMN 3310	Sermon Preparation	3
CSMN 4316	Supervised Ministry Internship	3
	CSMN/CSIS Elective	3
	CSMN/CSIS Elective	3

Sports and Recreation Ministry- 16 hours

CSMN 3306	Congregational Leadership	3
EXSS 2350	Prevention and Care of Athletic Injuries	3
EXSS 3300	Teaching Team and Individual Sports (Theory Course)	3
EXSS 3360	Sport Venue/Event Management	3
	Activity Course	1
CSMN 4316	Supervised Ministry Internship	3

Activity Course can be any one-hour EXAC course. Recommend courses include:
EXAC 2125, EXAC 3123, EXAC 4110, EXAC 4111, EXAC 4112

Youth and Children's Ministry-15 hours

CSMN 3306	Congregational Leadership	3
CSMN 3329	Children's Ministry	3
CSMN 3330	Youth Ministry	3
CSMN 4316	Supervised Ministry Internship	3
	CSMN/CSIS Elective	3

BACHELOR OF TRANSFORMATIONAL DEVELOPMENT

The Bachelor of Transformational Development degree is an interdisciplinary study with concentrations in Christian Studies and Business and teaches the integration of these areas to transform lives and communities for Christ through organizational development. The study of Christian theology and missiology, combined with the study of foundational business principles, prepares students to be servant-leaders as they create and sustain mission-based organizations, churches, ministries, non-profits, and for-profit business, both locally and globally.

120 MINIMUM HOURS

DEGREE REQUIREMENTS

Academic Core- 48 hours

Bachelor of Transformational Development degree-Academic Core (p. 87)

Business Concentration - 24 hours

12 HOURS UPPER LEVEL

12 HOURS AT UMHB (6 HRS UPPER LEVEL)

BADM 1301	Introduction to Business	3
BCIS 1301	Information Systems for Business Impact	3
BACC 2311	Financial Accounting	3
BLDR 3350	Christian Principles in Business Leadership	3
BADM 4312	Global Business as Mission	3
BMGT 3310	Fundamentals of Management	3

Select one course from below:

BADM 2311	Personal Financial Planning	3
BENT 3310	Introduction to Entrepreneurship	3

Select one course from below:

BMGT 3345	Nonprofit Management	3
BMKT 3310	Service Based Marketing	3
BMKT 3311	Principles of Marketing	3

Christian Studies Concentration - 24 hours

12 HOURS UPPER LEVEL

12 HOURS AT UMHB (6 HRS UPPER LEVEL)

CSTH 2316	Introduction to Christian Theology	3
CSCH 2318	Introduction to Church History	3
CSMN 1320	Introduction to Christian Ministry	3
CSIS 3301	Intercultural Perspectives	3
CSIS 3350	Intercultural Field Experience	3
	or	
CSBU 4350	Transformational Development Internship	3
	Christian Studies Electives	9

Capstone

CSBU 4190	Transformational Development Capstone	1

EDUCATIONAL PEDAGOGY AND PROFESSIONAL PRACTICES EMPHASIS FOR BA IN CHRISTIAN STUDIES

DEGREE REQUIREMENTS

Requirements Courses-12 hours

EDUC 3315	Students and Learning	3
EDUC 4324	Classroom Management	3
EDUC 4328	Curriculum Design	3
EDUC 4385	Educational Internship	3

Minors

BIBLICAL LANGUAGES MINOR

DEGREE REQUIREMENTS

Required Courses – 22 hours

6 hours upper level at UMHB

GREK 2413-2414		
HBRW 2413-2414		
	and	
GREK 3313-3314		
	or	
HBRW 3313-3314		

BIBLICAL STUDIES MINOR

This minor is not available to students doing the BCM or BA in Christian Studies.

DEGREE REQUIREMENTS

Required Courses – 21 hours

6 hours upper level at UMHB

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3
CSBS 2302	Introduction to Biblical Interpretation	3
	12 hours of upper-division (3000-4000 level) courses in biblical studies	12

CHRISTIAN STUDIES MINOR

This minor is not available to students doing the BCM or BA in Christian Studies.

DEGREE REQUIREMENTS

Required Courses – 18 hours

6 hours upper level at UMHB

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3
	12 hours of electives from at least THREE of the following areas: CSBS, CSCH, CSTH, CSMN, PHIL, CSIS, HBRW, GREK, and ARCH.	12

NOTE: Music majors may substitute three (3) hours of MUSI 1180/3180, MUSI 3289, MUSI 3380, MUSI 3381, or MUSI 4282 for electives in CSMN.

INTERCULTURAL STUDIES MINOR

Course substitutions are necessary for this major to be chosen by BA students; not available to BCM students.

DEGREE REQUIREMENTS

Required Courses – 21 hours

6 hours upper level at UMHB

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3
CSMN 1320	Introduction to Christian Ministry	3

Select one from the below list:

CSBS 2302	Introduction to Biblical Interpretation	3
CSCH 2318	Introduction to Church History	3
CSTH 2316	Introduction to Christian Theology	3

Select three from the below list:

CSIS 3300	Missiology	3
CSIS 3301	Intercultural Perspectives	3
CSIS 3325	Global Christianity	3
CSIS 3350	Intercultural Field Experience	3
CSIS 4335	Global Readings of the Gospels and Acts	3
CSCH 4312	History of Christian Missions	3
PHIL 4315	World Religions	3

PHILOSOPHY MINOR

DEGREE REQUIREMENTS

Required Courses – 18 hours

6 hours upper level at UMHB

PHIL 2315	Introduction to Philosophy	3
PHIL 3316	Critical Reasoning	3
	12 hours of philosophy courses	

CSTH 3345 may also count toward this minor.

COLLEGE OF EDUCATION

Dr. Craig Hammonds, Dean
Dr. Jodi Pilgrim, Associate Dean

Purpose

The College of Education promotes quality educational opportunities in a variety of fields, with emphasis on high standards of academic excellence. The goal of the college is to promote the growth of moral and ethical leaders. The College of Education offers undergraduate and post-baccalaureate educator preparation programs for Early Childhood through Grade 6, Grades 4-8, Special Education, and secondary level English, math, sciences, speech, history, and social studies. Also offered are programs for all-level art, music, physical education, and Spanish. All educator certification paths, including graduate programs to prepare educational leaders, are endorsed by the Texas State Board for Educator Certification.

Programs within the College of Education are accredited by the Texas Education Agency and the Southern Association of Colleges and Schools. Students are encouraged in their professional endeavors by a faculty dedicated to modeling lifelong learning and fostering critical and creative thinking in professional interactions with others.

Education

Mission Statement

The College of Education prepares future teachers, advocates, and administrators to serve and lead our community through faith-informed decision-making.

General Information

The College of Education offers two degree pathways:

A. Bachelor of Science in Educational Advocacy
This degree is intended for individuals who want to work with youth and children in a setting other than the school classroom. It prepares students to assist in children's ministry, community youth camps, advocacy systems, day care centers, and other entities supporting children or youth. Since it does not involve teacher certification, program entry and successful completion are based on maintaining satisfactory status as a student at UMHB.

B. Bachelor of Science in Education (BSEd)
Intended for individuals planning to become classroom teachers, the University of Mary Hardin-Baylor Educator Preparation Program is approved by the State of Texas to offer educator certification. A student who completes an approved program must also make a satisfactory score on state licensing examinations required by the state. After completion of all certification requirements, the student must apply for teacher certification. If a student has satisfied all program requirements, the recommendation for the teaching certificate is submitted to the state certification system by the UMHB's College of Education Certification Coordinator.

Educator preparation is a cooperative effort across the university and involves other colleges and departments. All educator preparation is coordinated through the College of Education. The university maintains a close relationship with the Texas public schools.

The purpose of the Educator Preparation Cooperative is to plan and implement the Educator Preparation Program in a Christian environment. This purpose not only adheres to but also extends beyond those regulations set forth by the Texas Education Agency, the Texas Administrative Code and the Texas Education Code.

Students planning to pursue certification through the Educator Preparation Program are encouraged to select a degree plan early in their college career. A major advisor in the student'sfield of interest should be consulted for planning purposes. Students who plan their program early will be more likely to finish in a timely manner.

Educator UMHB Educator Preparation Program Advisory Board

The Educator Preparation Program is administered under the direct supervision of the UMHB Educator Preparation Program (EPP) Advisory Board. The College appoints a chairperson of this committee, and its members are representatives from the surrounding independent school districts, supervisors, faculty members, student representatives, and community members. Ad hoc members include the Registrar and Provost/ Senior Vice President for Academic Affairs.

Objectives of the Teacher Education Program

1. The College of Education will provide individuals planning to work with children and youth with an educational program that is student-focused, cutting edge, and exemplary among comparable universities.
2. The College of Education will maintain a curriculum that is research-based, student-focused, aligned with state standards, and rigorous in its content and scope.
3. The College of Education will provide pre-service educators in the BSEd track with the knowledge and

skills needed to demonstrate competency on the state certification examination (TExES) for the fields they have chosen.

Advising

Students pursuing a degree in Educational Advocacy are advised in the College of Education by an advisor specifically designated for that program.

Students seeking teacher certification for the elementary, Special Education, and middle level programs are advised in the College of Education. Those who choose to pursue certification at the secondary level and all-level art, music, physical education, and Spanish are advised in the department of their academic major. All students seeking certification are required to follow the guidelines of the Educator Preparation Program and to begin a data collection process for entry into the Educator Preparation Program during EDUC 3315. It is recommended that students enroll in EDUC 3315 during the sophomore year. Students who are transferring professional education credit(s) from other colleges or universities to UMHB should see an advisor in the College of Education for special admission procedures to the Educator Preparation Program.

Certification Requirements

(This section is applicable only to the BSEd. It does not apply to Educational Advocacy.)

It should be clearly understood that the State of Texas Educator Certification System and Standards of the Texas Education Agency (TEA) regarding certification supersede UMHB rules and requirements. While the UMHB program may have requirements that exceed those of the state, at no time are they less than state requirements. The Undergraduate Program is traditional teacher certification coupled with the pursuit of the bachelor's degree.

Note:

International students must meet the same standards required of all candidates. In addition, based on state law, prior to admission they are required to take all sections of the TOEFL, and meet state standards through transcript review.

Undergraduate Program

A. Admission - Gateway #1

1. Pass criminal history check.

Texas law requires that all students in field experiences and student teaching must satisfactorily complete a criminal background review. Any student who cannot be cleared to teach because of a criminal record will not be allowed to student teach and cannot obtain teacher certification. Students who may be unable to clear a criminal background review are urged to clarify their ability to teach before considering the Educator Preparation Program. (See Felony or Misdemeanor Conviction.) A pre-check process is available through the Texas Education Agency for those who want to verify their status in this regard.

2. Pass the College of Education interview and writing sample.

3. Successfully complete EDUC 3315 with a grade of "C" or better.

4. As part of the admission process into the Educator Preparation Program, satisfy an Academic Proficiency requirement. Because of shifting state requirements, prospective students should consult the current standard as posted on the College of Education site on the UMHB web page or through the Gateway pages on the student's MyCampus home page. The required scores must be submitted to the UMHB College of Education Certification Coordinator no later than the semester when the student takes EDUC 3315. 5. Sign and adhere to the Texas Educators' Code of Ethics statement.

6. Earn a cumulative GPA of 2.75 or higher.

7. Submit a signed COE FERPA form.

8. Complete 12 or more hours in the content field (15 if math or science). A GPA of 2.5 or higher is required in these courses. (TAC228.40b,d).

9. Submit an application for admission into the program. (This is not the same as admittance into the university) Students apply via Gateway #1 on their MyCampus account page. Students who meet all program requirements will be issued an invitation to join the Educator Preparation Program.

10. Accept the invitation for admission. Per state law, a student must accept the invitation for admittance.

11. Demonstrate and maintain a "disposition to teach." Research reveals specific behaviors exhibited by successful educators. These are described in the College of Education Student Handbook.

NOTE: A minimum of 18 hours must be taken after acceptance into the Educator Preparation Program but prior to student teaching. Students are encouraged to take EDUC 3315 by the end of the second semester sophomore year. Failure to meet program standards at that point may delay the student's graduation.

B. Student Teaching – Gateway #2

1. Senior standing with no more than 6 semester hours remaining (with special permission from the Dean) to meet the degree plan requirements after the semester of student teaching.

a. All professional development courses must be completed before student teaching.

b. Students working toward 7-12 and all-level certification may student teach if they lack no more than one course in the area(s) of certification (with special permission from the Dean).

2. Completion of all state compliance standards (as per the Texas Education Agency, the Texas Education Code, and the Texas Administrative Code). This includes field experiences. Many of the teacher preparation courses offered at UMHB are "field-based," meaning that they are taught on public school campuses so that teacher candidates receive hands-on experience. Students who take the regular, daytime classes will automatically get sufficient hands-on experience. Students who take education coursework in night classes or summer sessions may be required to complete field hours during a subsequent semester.
3. A grade of "C" or higher in public speaking.
4. For candidates on the Bachelor of Science in Education (BSEd), a combined GPA of 3.0 or higher across the courses in Academic Support and Professional Development. For secondary (7-12) or special areas (EC-12), a GPA of 3.0 in the "Major" block as well as a 3.0 in the Pedagogy and Professional Practices block, with these blocks calculated independently.
5. A completed application submitted to the Educator Preparation Program. Applications are submitted via Gateway #2 on the student's MyCampus account page. Applications for student teaching should be in the College of Education Office by April 1 for individuals planning to student teach the following fall semester or October 1 for individuals planning to student teach the following spring semester.

Note - Students are placed for student teaching in one of 16 public school districts within a 60-mile radius of UMHB. Placements are facilitated by the College of Education's Certification Coordinator.

C. Certification– Gateway #3
1. Completion of all program requirements as indicated in Gateways 1-3. (The Gateways may be accessed on the student's MyCampus account page.)
2. Completion of a baccalaureate degree.
3. Completion of the UMHB Educator Preparation Program, including meeting and maintaining the GPA requirements.
4. Passing score on the specific TExES (certification) examination(s) for the certificate sought, as prescribed by the State of Texas under the Texas Education Agency, Texas Administrative Code, and Texas Education Code.
5. Recommendation from the Educator Preparation Program via the College of Education Certification Coordinator.
6. Submission of an official fingerprinting report to the state certification system.
7. Application to the state certification system, along with required fees.
8. Submission of the UMHB application form for certification to the UMHB College of Education.
All requirements as prescribed by the State of Texas certification office and the Texas Education Agency must be completed and application made for initial certification within one (1) year of graduation. Students who return to the university after that time may be required to take additional coursework or to provide additional evidence of proficiency in the certification area sought.

Post-Baccalaureate Program

UMHB meets all requirements for persons with Bachelor's Degrees seeking initial teacher certification through approved Texas colleges and universities (Post-Baccalaureate Certification). Chapter 21.049, Texas Education Code. The Post-Baccalaureate Program is coordinated by the Master of Education Program Director as part of the Master's with Teaching Certification program. Coursework for completing the content of the master's program is addressed in the university's Graduate Catalog. However, participation in the Educator Preparation Program is required as follows:

A. Admission – Gateway #1
Each candidate for an initial teaching certificate who possesses a bachelor's degree from an accredited institution must submit the following in order to be considered for Educator Preparation Program entry:

1. Official transcript verifying Bachelor's degree.
2. Passed PACT (TExES) content exam in an area consented to by the Master of Education Program Director and the Certification Coordinator.
3. Signed COE FERPA form.
4. Signed Educator Code of Ethics form.
5. Permission for criminal background check. Note: The Texas Education Agency provides an opportunity for students to do a pre-check of criminal history to ensure they will not be blocked from teaching or field experiences.
6. Interview, transcript review, and acceptable writing sample with the Master of Education Program Director.
7. Documentation of GPA of 2.75 or higher for previous degree conferred or on last 60 hours of coursework.

8. Demonstrated competence in educational technology and in public speaking, through coursework or through prior experiences verified by the program director.
9. Application for admission via Gateway #1 on the student's MyCampus account page. If the student has met all program requirements at this point, an invitation to join the Educator Preparation Program will be extended.
10. Acceptance of invitation, as per state law.

B. Student Teaching or Internship – Gateway #2
1. Completion of all state compliance standards (as per the

Texas Education Agency, the Texas Education Code, and the Texas Administrative Code. This includes field experiences. Many of the teacher preparation courses offered at UMHB are "field-based," meaning that they are taught on public school campuses so that teacher candidates receive hands-on experience. Post-bac students should contact the Director of Field Experiences early to set up field hours during the semester prior to the internship or student teaching.

2. Cumulative GPA of 2.75 or higher and GPA of 3.0 in pedagogy courses.

3. A completed application submitted to the Educator Preparation Program. (This is not the same as application to the graduate program at UMHB). Applications are submitted via Gateway #2 on the student's MyCampus account page. Applications must be in the Education Office by April 1 for individuals planning to student teach/intern the following fall semester or October 1 for individuals planning to student teach/intern the following spring semester.

Note - Students are placed for student teaching in one of 16 public school districts within a 60-mile radius of UMHB. Placements are facilitated by the College of Education's Certification Coordinator. Interns are required to secure their own positions as teachers of record for the internship and to submit their Teacher Service Record to the Certification Coordinator at UMHB verifying their year of completion.

C. Certification – Gateway #3

1. Successful completion of a one-year internship as the teacher of record OR successful completion of one semester of student teaching.

2. Master's degree posted by the Registrar.

3. Completion of the UMHB Educator Preparation Program, including meeting and maintaining the required GPA.

4. Satisfactory passing score on all required TExES exams, as prescribed by state statute.

5. Recommendation for certification from the UMHB Educator Preparation Program via the Certification Coordinator.

6. Submission of an official fingerprinting report to the state certification system.

7. Application to the state certification system.

8. Submission of the UMHB application form for certification to the UMHB College of Education.

All requirements as prescribed by the State of Texas certification office and the Texas Education Agency must be completed and application made for initial certification within one (1) year of graduation. Students who return to the university after that time may be required to take additional coursework or to provide additional evidence of proficiency in the certification area sought.

State Guidelines for All Certification Paths
Candidates are required to:

1. Be of good moral character.
2. Be a citizen of or be legally eligible to be employed in the United States.
3. Be at least 18 years old.
4. Believe in and uphold the Constitution of the United States and the State of Texas.
5. Speak and understand the English language.
6. Submit an application for certification and appropriate fee.
7. Adhere to and support the Educator Code of Ethics.

Felony or Misdemeanor Conviction

"In accordance with Article 6252-13c, Texas Civil Statutes, the commissioner of education may suspend or revoke a teaching certificate, or refuse to issue a teaching certificate for a person who has been convicted of a felony or misdemeanor for a crime which directly relates to duties and responsibilities of the teaching profession."
All applicants for Texas certificates will be screened by the Texas Education Agency (fingerprinted) for a record of felony or misdemeanor conviction through the Texas Department of Public Safety (DPS) and the Federal Bureau of Investigation (FBI).

Dismissal from Public School Campuses:

UMHB works in partnership with several area independent school districts.

In the event that a student teacher or intern is prevented from returning to a school to which he or she was assigned, procedures are in place to address the issue.

Certification Areas for Preparation of Teachers (Note: For students in the Post-Baccalaureate program, other certification areas may be available. This should be facilitated through a meeting with the Certification Coordinator.)

BSEd
Areas of specialization include:

EC-6 Core Subjects
4-8 Core Subjects
EC-12 Special Education

Secondary Certificate areas (typically 7-12) include:

English Language Arts and Reading
History
Life Sciences
Mathematics
Composite Social Studies
Science

Speech

All Level Certificate areas include:

Art
Music
Physical Education

EDUCATIONAL ADVOCACY B.S.

DEGREE REQUIREMENTS

Academic Core- 47 hours

see Bachelor of Science Degree - Academic Core (p. 81)

Includes EDUC 2399 as the Social Science requirement and EDUC 4385 as the Internship requirement. In order to fulfill the internship experience requirement, students are encouraged to see the Associate Dean for more information or to confirm whether a specific internship experience will fulfill this requirement. Most internship experience activities are independent of the university and are neither supervised nor controlled by the university.

Education Core – 12 hours

EDUC 3315	Students and Learning	3
EDUC 3364	Behavior Interventions and Modifications	3
EDUC 4315	Survey of Special Populations	3
EDUC 3341	Trauma-Informed Advocacy to Communities	3

Education Electives - 6 hours

	Choose two of the following	
READ 3320	Emergent Literacy	3
EDUC 2311	Classroom Technology	3
EDUC 4328	Curriculum Design	3
EDUC 3342	Information and Digital Literacy	3
EDUC 3340	Selecting and Sharing Literature with Children	3

Focus Area #1 - 9 hours

Students will choose a focus area that aligns with their career interest from Humanities and Sciences, Christian Studies, Business, Visual & Performing Arts, or Exercise and Sport Science.

Focus Area #2 - 9 hours

Students will choose a focus area that aligns with their career interest from Humanities and Sciences, Christian Studies, Business, Visual & Performing Arts, or Exercise and Sport Science.

Electives- 37 hours

Upper level electives in Junior Spring semester and Senior year recommended.

NOTE: A minimum of 36 hours must be at the upper level.

BACHELOR OF SCIENCE IN EDUCATION (BSED)

DEGREE REQUIREMENTS

Academic Core- 63 hours

see Bachelor of Science in Education- Academic Core (p. 83)

Academic Support Courses – 27 hours

EDUC 3330	Social Studies Strategies	3
EDUC 4315	Survey of Special Populations	3
EDUC 4320	Interdisciplinary Math and Science Strategies	3
EDUC 4375	Advanced Literacy	3
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL)	3
EDSP 3364	Behavior Interventions & Modifications	3
READ 3320	Emergent Literacy	3
READ 3624	Reading & Language Arts	6

3.0 GPA required in this block

Professional Development Sequence – 21 hours

This area shall consist of upper-level courses including two sections of student teaching:

EDUC 3315	Students and Learning	3
EDUC 4324	Classroom Management	3
EDUC 4328	Curriculum Design	3
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5
EDUC 4250	Certification Preparation Seminar	2

Admission to Teacher Education Program-

*Cumulative GPA must be a minimum of 2.75

* A minimum 3.00 GPA and no grade lower than a "C" are required in academic support & professional development

Electives- 9 hours

Students planning to certify in Special Education must take 6 hours in additional SPED courses in lieu of electives.

SECONDARY (7-12) AND ALL LEVEL (EC-12) CERTIFICATION

I. COURSES

A. 7-12 Certification – 27 hours

Educator preparation for teachers planning to teach at the upper middle and high school levels in math, science, English, and social studies/history consists of 15 semester hours of upper-level education courses, plus student teaching.

EDUC 3315	Students and Learning	3
EDUC 4328	Curriculum Design	3

EDUC 4324	Classroom Management	3
EDUC 4385	Educational Internship	3
READ 4326	Disciplinary Literacy	3

Student Teaching 7-12

EDUC 4250	Certification Preparation Seminar	2
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5

B. All-Level – 22-27 hours depending on field

The following applies to certification in Early Childhood through Grade 12 for Art, Music, Speech, and P.E. (Note the exceptions for certification in Music and in P.E.) All level Educator Preparation is area consists of 15 semester the following hours of upper-level education courses, plus student teaching.

EDUC 3315	Students and Learning	3
EDUC 4328	Curriculum Design	3
EDUC 4324	Classroom Management	3
EDUC 4385	Educational Internship	3
READ 4326	Disciplinary Literacy	3

EDUC 4385: Waived for Music and Art Majors

READ 4326: Waived for EC-12 P.E.

Student Teaching EC-12 Art, Spanish, P.E., and Speech

EDUC 4250 Certification Preparation Seminar 2
EDUC 4501 Student Teaching I 5
EDUC 4502 Student Teaching II 5

In order to be eligible to begin student teaching, students must complete the professional development courses, with a GPA of at least 3.00 in these courses.

Students may not begin the student teaching semester until all requirements for admission to the Educator Preparation Program have been met. It is strongly recommended that students take only Student Teaching and the certification preparation seminar during the student teaching semester. This recommendation includes the pursuing of graduate courses.

A passing score on at least two Texas Examinations of Educator Standards (TExES) are required for certification.

PEDAGOGY AND PROFESSIONAL PRACTICES MINOR

For students seeking teacher certification as a minor, see Secondary and All-Level Certification above.

Students who are not working toward teacher certification may earn a non-certifying education minor (21 semester hours) in education. The non-certifying education minor consists of EDUC 4315, 3315, 4328, 4324, READ 4326, and 6 additional hours in education, reading and/or special education.

MAYBORN COLLEGE OF HEALTH SCIENCES

Dr. Colin Wilborn, FNSCA, FISSN, CSCS*D, Executive Dean

Purpose

The Mayborn College of Health Sciences is comprised of the Scott & White School of Nursing, the School of Exercise and Sport Science, and the School of Health Professions, which houses the Doctor of Physical Therapy program, Master of Arts in Counseling program, Master of Science in Occupational Therapy program and Master of Science in Physician Assistance Program.

The college's focus is to prepare well-trained, distinctive leaders in a Christian learning environment for the health science fields. Students will be guided to exude ethical and moral attributes in professionalism, research, and the promotion of healing, wellness and quality of life. We are committed to mentoring and developing these leaders through the various programs within the Mayborn College of Health Sciences with a focus on upholding the vision and mission of the university. Our students receive a robust education and inter-professional, innovative learning opportunities, as well as the chance to go beyond the classroom with hands-on patient-care, research, service, and study-abroad opportunities.

Mission

The mission of the Mayborn College of Health Sciences is to engage students in a Christ-centered learning environment where they will develop the knowledge, skills, and interprofessional competencies to become leaders in the complex and dynamic environment of health sciences. The college promotes the integration of health and restoration of the mind, body, and spirit through the preparation of students in a supportive and rigorous academic setting. Our students learn in a student-centered, interprofessional, and innovative learning environment while engaging in opportunities to go beyond the classroom with hands-on learning, research, and service.

Vision

The Mayborn College of Health Sciences will deliver graduates who are empowered to lead in their chosen field through a rigorous education in a Christ-centered, service-focused, applied learning environment.

School of Exercise and Sport Science (EXSS)

Dr. Colin Wilborn, Interim Dean

The mission of the School of Exercise and Sport Science is to prepare professionals through excellence in teaching, research and service that promote a commitment to healthy behaviors and active lifestyles across the lifespan. The school strives to meet an increasing demand for highly educated professionals capable of a broad range of careers in the health science, educational, performance and sport industries.

Grades of "C" or better are required in all courses (including BIOL 2440 and BIOL 2441) counting toward Exercise Physiology, All-level Physical Education, Sport Management, and Health Science majors and minors.

Desirable outcomes for the individual expected to result from this emphasis are a greater understanding of human performance from a physiological, anatomical, kinesiological, and functional standpoint. The exercise scientist excels at assessment, prescription, and the physiological basis for physical fitness. In addition, a high level of physical fitness, improved motor skills, greater neuromuscular coordination, personal and group social skills, refined kinesthetic sense, ability to think and to interpret knowledge, and refined and enlarged appreciation for an understanding of activity performance are expected outcomes.

To reach these desired outcomes, the School provides services through the following:

1. The instructional program of a wide variety of activity classes for all students.
2. A professional certification program for individuals who wish to pursue a career in teaching Early Childhood-12 grade physical education and coaching.
3. A professional preparation program for those that wish to pursue a career in Exercise Physiology.
4. A professional pre-preparation program for individuals who wish to pursue a career in Health Sciences.
5. A professional preparation program for individuals who wish to pursue a career in Sports Management.
6. A professional preparation program for individuals who wish to pursue a career in Strength Training and Conditioning.
7. A professional preparation curriculum program to prepare students who plan to pursue an advanced degree in Exercise Physiology and Sports Administration.

BACHELOR OF SCIENCE IN HEALTH SCIENCES - EXERCISE PHYSIOLOGY

The B.S.H.S. in Exercise Physiology is the major of choice for students that desire to enter this broad field that includes careers in cardiac and pulmonary rehabilitation, performance specialists, strength & conditioning coaches, exercise physiologists, corporate fitness, and many more. Majors will select one of three concentrations: Strength & Conditioning, Clinical Exercise Physiology or Personal Training and Fitness. Core coursework will cover core content in the areas of anatomy, nutrition, physiology, exercise testing, and exercise prescription. Concentration coursework will then elaborate on the key differences in the fields of strength & conditioning, the clinical side of exercise physiology, and personal training and fitness and all three concentrations require a capstone internship experience. The concentrations will include classroom and laboratory experience to prepare students for the key certifications in each field.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core –40 hours

see Bachelor of Science in Health Sciences Academic Core (p. 84)

Grades of "C" or better are required in all courses (including support courses) counting toward the Exercise Physiology major.

Health Science Foundation –24 hours

EXSS 2340	Introduction to Exercise and Sport Science	3
BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
EXSS 2353	Lifespan Nutrition	3
EXSS 3390	Anatomical Kinesiology	3
EXSS 3395	Physiology of Exercise	3
EXSS 4050	EXSS Assessment	0
EXSS 4344	Leadership in Health Science	3
PSYC 1301	General Psychology	3
EXSS 3107	Advanced Cardiovascular Training	1
EXSS 3135	Advanced Resistance Training	1

Students majoring in Exercise Physiology with Strength and Conditioning Education Program must take EXSS 3135.

Exercise Physiology Major – 15 - 18 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

EXSS 3354	Performance Nutrition	3
EXSS 3378	Exercise Psychology	3
EXSS 3396	Physiology of Exercise II	3
EXSS 4392	Tests and Measurements in EXSS	3
EXSS 4394	Exercise Testing and Prescription	3
	For CEP and PTF Concentrations:	
EXSS 4398	Field Experience in EXSS	3

Exercise Physiology Majors are required to choose one of the following concentrations: Clinical Exercise Physiology, Personal Training and Fitness, or Strength and Conditioning.

Clinical Exercise Physiology (p. 114)

Personal Training and Fitness (p. 114)

Strength and Conditioning (p. 115)

BACHELOR OF SCIENCE IN HEALTH SCIENCES-EXERCISE PHYSIOLOGY-CLINICAL EXERCISE PHYSIOLOGY

Clinical Exercise Physiology Concentration

EXSS 2355	Medical Terminology	3
EXSS 3335	The Science of Weight Loss and Body Recomposition	3
EXSS 3357	Pharmacology	3
EXSS 4385	Seminar in ECG Analysis	3
EXSS 4351	Rehabilitation and Therapeutic Exercise	3
EXSS 4360	Pathophysiology of Chronic Disease	3
PSYC 3320	Health Psychology	3

BACHELOR OF SCIENCE IN HEALTH SCIENCES-EXERCISE PHYSIOLOGY-PERSONAL TRAINING AND FITNESS

Personal Training and Fitness Concentration

EXSS 2350	Prevention and Care of Athletic Injuries	3
EXSS 2352	Personal Health and Fitness	3
EXSS 3330	Concepts of Personal Training	3
EXSS 3335	The Science of Weight Loss and Body Recomposition	3
EXSS 3360	Sport Venue/Event Management	3
EXSS 4320	Group Fitness Programming	3
EXSS 4350	Principles of Strength and Conditioning	3

BACHELOR OF SCIENCE IN HEALTH SCIENCES-EXERCISE PHYSIOLOGY-STRENGTH AND CONDITIONING

Admissions Requirements

The UMHB Strength and Conditioning Education Program will accept applications for the Fall, Spring, or Summer Admissions. As a general rule, there is no limit on the number of applicants admitted to the program. All applicants meeting the objective criteria will normally be admitted to the program. The University always reserves the right to deny admission to its programs for any lawful reason.

The admission requirements include:
- Open admission (declaration of major)
- At 60 hours, students must have at least a 2.75 cumulative GPA. If student does not meet this requirement, student will be notified to change major/undeclare. Students may be admitted back in the major at any point the cumulative GPA (at end of each long semester) is at/above 2.75.
- Grade of "C" or higher in all courses within the major.

Once students have met the requirements for admission to the Strength and Conditioning Education Program they will be contacted by the program director to discuss whether they want to proceed into the SCEP and what the requirements are for graduation from the SCEP. They will also be given the option to change to a different concentration. Once a student has met the criteria for admission they cannot continue on the strength and conditioning concentration without entering the SCEP.

The Strength and Conditioning Education program is preparing graduates for entry level practice as a strength and conditioning coach or entrance into a graduate program. The curriculum and field experience is designed to prepare students for the CSCS exam and to develop the skill set to be an entry level strength and conditioning coach. In addition, the strong foundation in exercise physiology and health sciences on this degree plan will enhance a student's application to an appropriate graduate program.

Strength & Conditioning Concentration

EXSS 2140	SCEP Observation	1
EXSS 2345	Human Anatomy	3
EXSS 3379	Sport Psychology	3
EXSS 4108	Advanced Olympic Lifting Techniques	1
EXSS 4315	Ergogenic Aids in Sport	3
EXSS 4319	Program Design in Strength and Conditioning	3
EXSS 4335	Biomechanics of Human Movement	3
EXSS 4350	Principles of Strength and Conditioning	3
EXSS 4351	Rehabilitation and Therapeutic Exercise	3
EXSS 4185	CSCS Seminar	1
EXSS 4670	Internship in Strength and Conditioning	6

BACHELOR OF SCIENCE IN HEALTH SCIENCES-HEALTH SCIENCE

The B.S.H.S. in Health Science is for students that desire to pursue graduate degrees in Physical Therapy, Occupational Therapy, Physician Assistant, Chiropractic Medicine, or Medicine. Coursework will cover an in-depth core of anatomy, exercise physiology, rehabilitation practices, biomechanics and human movement science courses. Each student will choose a concentration in either Pre-Chiropractic, Pre-Physical Therapy, Pre-Physician's Assistant, Pre-Occupational Therapy, Pre-Athletic Training or Pre-Anesthesiology Assistant in order to complete the various pre-requisites for graduate schools in Texas. Students may declare as a Health Science major at any time if they have completed less than 60 hours of course work. Upon the completion of 45 credit hours, students must have a GPA of at least 3.0 to continue in the program. Following the completion of 60 hours, a Health Science major is required to maintain a minimum cumulative 3.2 GPA. A student who has a GPA lower than the minimum requirements will be required to change their major.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core –40 hours

see Bachelor of Science in Health Sciences Degree Academic Core (p. 84)

Grades of "C" or better are required in all courses (including support courses) counting toward the Health Science major.

Health Science Foundation - 24 hours

EXSS 2335	Introduction to Health Sciences	3
BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
EXSS 2353	Lifespan Nutrition	3
EXSS 3390	Anatomical Kinesiology	3
EXSS 3395	Physiology of Exercise	3
EXSS 4050	EXSS Assessment	0
EXSS 4344	Leadership in Health Science	3
PSYC 1301	General Psychology	3
EXSS 3107	Advanced Cardiovascular Training	1
EXSS 3135	Advanced Resistance Training	1

Health Science Major - 16 hours

12 hours (*6 upper level*) at UMHB

EXSS 2345	Human Anatomy	3
EXSS 2355	Medical Terminology	3
EXSS 3357	Pharmacology	3
EXSS 3396	Physiology of Exercise II	3
EXSS 4360	Pathophysiology of Chronic Disease	3
EXSS 4103	Seminar in Health Sciences	1

Health Science Majors are required to choose one of the following concentrations: Pre-Chiropractic, Pre-Medicine, Pre-Occupational Therapy, Pre-Physician Assistant, or Pre-Physical Therapy.

Pre-Anesthesiology Assistant Concentration

BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 3175	Human Physiology Lab	1
BIOL 3375	Human Physiology	3
CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 4430	Biochemistry	4
EXSS 3170	Health Science Clinical I	1
MATH 1320	Pre Calculus	3
MATH 1430	Calculus I	4
MATH 2303	Statistics	3
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4

Grades of "C" or better are required in all courses in the Pre-Anesthesiology Assistant concentration (including required support courses and required courses from other departments.) Minimum cumulative GPA of 3.2.

Pre-Athletic Training Concentration

MATH 1320	Pre Calculus	3
BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
MATH 2303	Statistics	3
EXSS 2350	Prevention and Care of Athletic Injuries	3
CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
EXSS 3170	Health Science Clinical I	1
EXSS 4170	Health Science Clinical II	1
EXSS 4171	Health Science Clinical III	1
EXSS 4335	Biomechanics of Human Movement	3
EXSS 4351	Rehabilitation and Therapeutic Exercise	3
EXSS 3379	Sport Psychology	3
PHYS 2411	General Physics I	4
EXSS 3354	Performance Nutrition	3
BIOL 3375	Human Physiology	3
BIOL 3175	Human Physiology Lab	1

Grades of "C" or better are required in all courses in the Pre-Athletic Training concentration (including required support courses and required courses from other departments.) Minimum cumulative GPA of 3.2.

Pre-Chiropractic Concentration

BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 3175	Human Physiology Lab	1
BIOL 3375	Human Physiology	3
CHEM 1410	General Chemistry I	4
EXSS 3170	Health Science Clinical I	1
EXSS 4170	Health Science Clinical II	1
EXSS 4335	Biomechanics of Human Movement	3
EXSS 4351	Rehabilitation and Therapeutic Exercise	3
EXSS 4394	Exercise Testing and Prescription	3
MATH 1320	Pre Calculus	3
PHYS 2411	General Physics I	4

Grades of "C" or better are required in all courses in the Pre-Chiropractic concentration (including required support courses and required courses from other departments.) Minimum cumulative GPA of 3.2.

Pre-Medicine Concentration

BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 3310	Genetics	3
BIOL 3175	Human Physiology Lab	1
BIOL 3375	Human Physiology	3
CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 4430	Biochemistry	4
EXSS 3170	Health Science Clinical I	1
EXSS 4170	Health Science Clinical II	1
MATH 1320	Pre Calculus	3
MATH 2303	Statistics	3
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4

Grades of "C" or better are required in all courses in the Pre-Med concentration (including required support courses and required courses from other departments.) Minimum cumulative GPA of 3.2.

Pre-Occupational Therapy Concentration

EXSS 3170	Health Science Clinical I	1
EXSS 4170	Health Science Clinical II	1
EXSS 4335	Biomechanics of Human Movement	3
EXSS 4351	Rehabilitation and Therapeutic Exercise	3
EXSS 4395	Motor Behavior	3
MATH 1320	Pre Calculus	3
MATH 2303	Statistics	3
PSYC 2311	Developmental Psychology	3
PSYC 3315	Abnormal Psychology	3
PHYS 2411	General Physics I	4
SOCI 1311	Introduction to Sociology	3

Grades of "C" or better are required in all courses in the Pre-Occupational Therapy concentration (including required support courses and required courses from other departments.) Minimum cumulative GPA of 3.2.

Pre-Physician Assistant Concentration

EXSS 3170	Health Science Clinical I	1
EXSS 4170	Health Science Clinical II	1
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 2180	Microbiology Lab	1
BIOL 2380	Microbiology	3
BIOL 3310	Genetics	3
BIOL 4105	Cell Biology Lab	1
BIOL 4305	Cell Biology	3
CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4
CHEM 4430	Biochemistry	4
MATH 2303	Statistics	3
PSYC 2311	Developmental Psychology	3
	or	
PSYC 3315	Abnormal Psychology	3

Grades of "C" or better are required in all courses in the Pre-Physician Assistant concentration (including required support courses and required courses from other departments.) Minimum cumulative GPA of 3.2.

Pre-Physical Therapy Concentration

BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 3175	Human Physiology Lab	1
BIOL 3375	Human Physiology	3
CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
MATH 1320	Pre Calculus	3
MATH 2303	Statistics	3
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4
EXSS 3170	Health Science Clinical I	1
EXSS 4170	Health Science Clinical II	1
EXSS 4171	Health Science Clinical III	1
EXSS 4335	Biomechanics of Human Movement	3
EXSS 4351	Rehabilitation and Therapeutic Exercise	3
EXSS 4395	Motor Behavior	3
PSYC 2311	Developmental Psychology	3
	or	
PSYC 3315	Abnormal Psychology	3

Grades of "C" or better are required in all courses in the Pre-Physical Therapy concentration (including required support courses and required courses from other departments.) Minimum cumulative GPA of 3.2.

BACHELOR OF SCIENCE IN HEALTH SCIENCES - EC-12 PHYSICAL EDUCATION

The B.S.H.S. in EC-12 Physical Education at UMHB has a longstanding history of preparing outstanding teachers and coaches. The goal of the major is to prepare students to become expert teachers and coaches in a field that can enhance the health and vitality of students through the promotion of lifelong physical activity. Majors in this degree will have the opportunity to choose from one of two concentrations: A) Physical Education Teacher Certification or B) Sports Coaching. Students who choose and complete the teacher certification program are eligible to teach physical education and coach in public and private schools, kindergarten through twelfth grade. Students who choose the sports coaching option will be able to pursue their passion for coaching and take advantage of other opportunities in the coaching field without a teaching certificate.

Teacher Certification: Students wishing to meet Texas Teacher Certification requirements should refer to the Academic Foundation and Professional Education requirements stated in the College of Education section of this catalog.

Both concentrations will share a common core of classes that will give students the expertise to excel as both a physical education teacher as well as a sports coach. Students will have the opportunity to actively participate in courses that provide “real-world” applications such as the ability to work outside of the classroom setting as a volunteer coach or as a student mentor. At the culmination of their degree, graduates are poised to positively impact students by enabling them to develop skills, knowledge, and attitudes necessary to pursue health and to be physically active for a lifetime.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Science in Health Sciences Degree Academic Core (p. 84)

Grades of "C" or better are required in all courses (including support courses) counting toward the EC-12 Physical Education major.

Health Science Foundation - 24 hours

EXSS 2340	Introduction to Exercise and Sport Science	3
BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
EXSS 2353	Lifespan Nutrition	3
EXSS 3390	Anatomical Kinesiology	3
EXSS 3395	Physiology of Exercise	3
EXSS 4050	EXSS Assessment	0
EXSS 4344	Leadership in Health Science	3
PSYC 1301	General Psychology	3
EXSS 3107	Advanced Cardiovascular Training	1
EXSS 3135	Advanced Resistance Training	1

EC-12 Physical Education Major

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

EXSS 2350	Prevention and Care of Athletic Injuries	3
EXSS 2352	Personal Health and Fitness	3
EXSS 3141	Exercise and Sport Science Practicum	1
EXSS 3300	Teaching Team and Individual Sports (Theory Course)	3
EXSS 3378	Exercise Psychology	3
EXSS 4310	Teaching Children and Adolescents Physical Education	3
EXSS 4392	Tests and Measurements in EXSS	3
EXSS 4395	Motor Behavior	3

Teaching Certification Concentration

EDUC 2311	Classroom Technology	3
EDUC 3315	Students and Learning	3
EDUC 4324	Classroom Management	3
EDUC 4328	Curriculum Design	3
EDUC 4385	Educational Internship	3
EDUC 4250	Certification Preparation Seminar	2
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5
EXSS 4104	Senior Seminar	1

Admissions to Teacher Education Program- Cumulative GPA must be a minimum of 2.75. A minimum 3.00 GPA and no grade lower than a "C" are required in certification area & professional development.

Coaching Concentration

EXSS 3312	Methods of Coaching	3
EXSS 3354	Performance Nutrition	3
EXSS 3360	Sport Venue/Event Management	3
EXSS 3384	Coaching Theory	3
EXSS 3379	Sport Psychology	3
EXSS 4350	Principles of Strength and Conditioning	3
EXSS 4379	Legal Aspects of Sport	3
EXSS 4398	Field Experience in EXSS	3

Grade of "C" or better required in the Coaching Concentration.

BACHELOR OF SPORT MANAGEMENT (B.S.M.)

Sport Management is a dynamic field involving the interdisciplinary study of the management/administration of sport-related organizations and activities. The Sport Management Degree is designed to develop graduates with strong communication and organizational skills in their professional preparation for multi-faceted, sport-related career opportunities.

The degree focuses on the conceptual, managerial, interpersonal, technical, and practical skills that prepare students to become visionary leaders in various areas of the sport industry. The Sport Management Degree prepares students for graduate school, and for a variety of sport specialist entry positions that focus on the administration of sport activities/programs. The mission of the degree is to assist students in the development of skills to organize, administer, and facilitate sport programs at the corporate, agency, professional, and amateur levels.

The primary employment segments within the sport industry involve performance, spectator, participant, consumer, production, planning, purchasing, supervision, advertising, and promotion. Students majoring in Sport Management will be required to complete a field experience designed to provide practical experiences in professional settings reflecting current trends and professional practices in the sport management arena. The field experience is incorporated subsequent to the student passing EXSS 3107 and will be under the supervision of a qualified on-site professional.

SPORT MANAGEMENT B.S.M.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
31 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core –40 hours

see Bachelor of Sports Management Academic Core (p. 86)

Required Activity Courses: EXSS 3107 or EXAC 4120; and EXSS 3135.

Major Required Courses –40 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

EXSS 2371	Principles of Sport Management	3
EXSS 2141	Sport Management Practicum	1
EXSS 3310	Communication in Sport	3
EXSS 3372	Sociology of Sport	3
EXSS 3373	Governance of Sport	3
EXSS 3374	Sport Promotion/Marketing	3
EXSS 3360	Sport Venue/Event Management	3
EXSS 4050	EXSS Assessment	0
EXSS 4375	Ethics in Sport	3
EXSS 4376	Leadership Principles in Sport	3
EXSS 4377	Field Experience	3
EXSS 4378	Sport Finance	3
EXSS 4379	Legal Aspects of Sport	3

Two of the following:

EXSS 3315	Sport and Media Technology	3
EXSS 3375	Economics in Sport	3
EXSS 3376	Research Methods in Sport Management	3
EXSS 3377	International Sport Management	3

Grades of "C" or better required in all courses in the Sport Management major.

Students majoring in Sport Management must choose a minor pertinent to the student's desired profession.

Minors

EXERCISE SCIENCE MINOR

DEGREE REQUIREMENTS

Required Courses – 24 hours

6 hours upper level at UMHB

EXSS 2340	Introduction to Exercise and Sport Science	3
EXSS 2352	Personal Health and Fitness	3
EXSS 3135	Advanced Resistance Training	1
EXSS 3107	Advanced Cardiovascular Training	1
EXSS 3141	Exercise and Sport Science Practicum	1
EXSS 3354	Performance Nutrition	3
EXSS 3390	Anatomical Kinesiology	3
EXSS 3395	Physiology of Exercise	3
EXSS 4344	Leadership in Health Science	3
EXSS 4392	Tests and Measurements in EXSS	3

Grades of "C" or better required in all courses in the Exercise Science Minor.

SPORT MANAGEMENT MINOR

DEGREE REQUIREMENTS

Required Courses – 24 hours

6 hours upper level at UMHB

EXSS 2371	Principles of Sport Management	3
EXSS 3374	Sport Promotion/Marketing	3
EXSS 4376	Leadership Principles in Sport	3
EXSS 4378	Sport Finance	3
EXSS 4379	Legal Aspects of Sport	3

Three of the following:

EXSS 3310	Communication in Sport	3
EXSS 3315	Sport and Media Technology	3
EXSS 3360	Sport Venue/Event Management	3
EXSS 3372	Sociology of Sport	3
EXSS 3373	Governance of Sport	3
EXSS 3375	Economics in Sport	3
EXSS 3376	Research Methods in Sport Management	3
EXSS 3377	International Sport Management	3
EXSS 4375	Ethics in Sport	3

Grades of "C" or better required in all courses in the Sport Management minor.

This minor may be selected by any EXSS major and is also available to students majoring in academic programs other than EXSS.

School of Health Professions

BACHELOR OF SCIENCE IN PUBLIC HEALTH

Health Promotion Concentration

The Bachelor of Science in Public Health (BSPH) is designed to accommodate undergraduate students who desire an entry-level public health career position, or undergraduate students who are seeking advanced-level public health degrees or an advanced degree in another health professions field. All undergraduate public health courses are offered in a face-to-face format. Coursework will include topics specific to the foundations of health education and health promotion, community and public health, health behavior theories, personal health, human disease, program planning and evaluation in health promotion, as well as an internship and a capstone in public health during the final semester of coursework. Students will have the option to take elective courses in specific topical areas related to public health and health promotion specializations. Students who complete the program will have the required coursework to sit for the Certified Health Education Specialist (CHES®) examination. Students may declare a Public Health major at any time if they have completed less than 60 hours of coursework. Following the completion of 60 hours, a Public Health major is required to maintain a minimum cumulative 2.75 GPA. A student who has a GPA lower

than the minimum 2.75 after 60 hours will be required to change their major.

Since public health encompasses such a wide variety of disciplines, there are many different career options available for those with a degree in public health. Public health careers can be found in local, state, and federal government; nonprofit organizations; businesses and corporations; hospitals; county health departments; universities; and with health foundations and health-based grant projects.

It is important to note that public health degrees do not qualify graduates to work as medical practitioners unless they have further or previous training, licensure and experience. For example, some individuals who are already registered nurses seek public health degrees because they have a personal interest or advanced career aspirations, in which case they can continue to work as nurses with additional credentials. Those who study public health usually do not treat patients, but serve a more widespread, behind-the-scenes, organizational role. Individuals who are not medical practitioners will be able to seek careers as consultants, advisers and trainers, and political health advocates. Most graduates work on community projects or state and city health advocacy groups, but some will work for national organizations. A person who has a public health degree may also be able to apply his or her skills in a career abroad. Poorer countries can benefit greatly from the knowledge that public health graduates have in the areas of disease prevention and nutrition (Bureau of Labor Statistics, 2019). The bachelor's degree in public health is a standard employment requirement for work in a variety of health promotion settings, such as hospitals, public health departments, wellness centers, and human services agencies.

Health education specialists teach people about behaviors that promote wellness. They develop strategies to improve the well-being of individuals and communities. Health education specialists typically do the following:

- assess the health needs of the people and communities they serve;
- develop programs, materials, and events to teach people about health topics;
- teach people how to manage existing health conditions;
- evaluate the effectiveness of programs and educational materials;
- help people find health services or information;
- provide training programs for community health workers or other health professionals;
- supervise staff who implement health education programs;
- collect and analyze data to learn about a particular community and improve programs and services; and
- advocate for improved health resources and policies that promote health (Bureau of Labor Statistics, 2021).

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
31 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

see Bachelor of Science in Public Health Academic Core. (p. 85)

Major Required Courses – 30 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BSPH 2350	Principles of Health Education and Promotion	3
BSPH 2352	Personal Health and Fitness	3
BSPH 3315	Community and Public Health	3
BSPH 3320	Program Planning in Health Education and Promotion	3
BSPH 4310	Theories in Health Behavior	3
BSPH 4340	Health Program Evaluation	3
BSPH 4344	Leadership in Health Science	3
BSPH 4350	Internship in Public Health	3
BSPH 4285	Capstone in Public Health	2
BSPH 4191	Seminar in Public Health	1
	One of the following	
BSPH 4360	Pathophysiology of Chronic Disease	3
BSPH 4370	Fundamentals of Epidemiology for Health Promotion	3

Grades of "C" or better required in all courses in the Public Health major.

Health Promotion Concentration - 17 hours

BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL	Elective	4
PSYC 2311	Developmental Psychology	3
PSYC 2314	Research Methods for Social Science	3
SOCI 1311	Introduction to Sociology	3

General Electives

Recommended support courses:

EXSS 2355, EXSS 3310, EXSS 3354, EXSS 3376, EXSS 3378, EXSS 3395, EXSS 4395, SOCI 3325, SOCW 3315

BACHELOR OF SCIENCE IN PUBLIC HEALTH TO MASTER OF PUBLIC HEALTH

The BSPH-MPH combination degree with a Health Promotion concentration is an accelerated degree plan designed to accommodate undergraduate students who are seeking an advanced-level public health degree. All undergraduate public health courses will be offered in a face-to-face format, and all graduate public health courses

will be offered in an online format. Undergraduate coursework will include topics specific to the public health and health promotion fields in foundations of health education and health promotion, community and public health, health behavior theories, personal health, and human disease. Graduate coursework will include advanced topics specific to the public health field in epidemiology, biostatistics, research methods, population health, health behavior theories, program planning and evaluation, health policy, leadership, as well as a capstone and internship in public health during the final semester of coursework. Students will have the option to take a graduate elective course in specific topical areas related to public health and health promotion specialization areas. Students will have the required coursework to sit for the Certified Health Education Specialist (CHES®) examination. Students are required to declare the BSPH-MPH combination degree major with a Health Promotion concentration by the completion of their first year of coursework.

Undergraduate students in the BSPH program can apply for the BSPH-MPH combination degree after the fall semester of their junior year. Applicants must be BSPH majors and have a GPA of 3.2 or higher in the major prior to applying for the program. The applicants must obtain approval of the undergraduate BSPH advisor and the Public Health Program director. Applicants to the BSPH-MPH program are not required to take the GRE for admission into the BSPH-MPH combination degree program. The BSPH degree will be awarded with the MPH upon successful completion of all requirements. Students who decide to withdraw or do not maintain the required GPA will be eligible to complete the remaining BSPH, but will have admission to the graduate MPH degree program cancelled. These students will not be eligible to re-enter the combination degree program at a later date.

150 MINIMUM HOURS
36 UPPER LEVEL HOURS
31 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core –40 hours

see Bachelor of Science in Public Health Academic Core. (p. 85)

Major Required Courses – 60 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BSPH 2350	Principles of Health Education and Promotion	3
BSPH 2352	Personal Health and Fitness	3
BSPH 3315	Community and Public Health	3
BSPH 4310	Theories in Health Behavior	3
BSPH 4344	Leadership in Health Science	3
BSPH 4360	Pathophysiology of Chronic Disease	3
	or	
BSPH 4370	Fundamentals of Epidemiology for Health Promotion	3
MPHE 6310	Foundations of Public Health & Health Promotion	3
MPHE 6353	Research Methods	3
MPHE 6330	Applied Epidemiology	3
MPHE 6325	Health Systems, Organization, and Policy	3
MPHE 6320	Assessment and Program Planning in Health Promotion	3
MPHE 6340	Management & Leadership	3
MPHE 6345	Population Health	3
MPHE 6350	Readings, Issues, Trends, Problems	3
MPHE 6375	Advanced Theory in Health Behavior	3
MPHE 6360	Biostatistics	3
MPHE 6315	Measurement and Evaluation in Health Promotion	3
MPHE 6385	Internship in Public Health	3
MPHE 6295	Capstone in Public Health	2
MPHE 6191	Seminar in Public Health	1
	3 hr. Graduate Level Elective	3

Grades of "C" or better required in all courses in the Public Health major.

Health Promotion Concentration

BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL	Any BIOL with Lab	4
PSYC 2311	Developmental Psychology	3
PSYC 2314	Research Methods for Social Science	3
SOCI 1311	Introduction to Sociology	3

General Electives - to reach 150 hours

Recommended support courses:

EXSS 2355, EXSS 3310, EXSS 3354, EXSS 3376, EXSS 3378, EXSS 3395, EXSS 4395, SOCI 3325, SOCW 3315

Recommended Graduate Level Elective:

MPHE 6355, MPHE 6365 or other outside approve course by program director

PUBLIC HEALTH MINOR

Public health education programs require interdisciplinary involvement and community engagement; therefore, this minor in public health engages students across all areas of study through the introduction of fundamental concepts and core disciplines of public health. Students who graduate with a minor in public health will gain an understanding of the factors that impact the health of individuals, communities, and populations. They will also gain the knowledge and skills to live and promote healthy lifestyles, conduct community needs assessments, and plan, develop, implement, and evaluate health programs within various populations. The skills obtained from the public health minor have applications for students seeking

to pursue careers in various clinical professions as well as other nonclinical fields. All courses below are required for the public health minor.

DEGREE REQUIREMENTS

Required Courses – 18 hours

6 hours upper level at UMHB

BSPH 2350	Principles of Health Education and Promotion	3
BSPH 2352	Personal Health and Fitness	3
BSPH 3315	Community and Public Health	3
BSPH 3320	Program Planning in Health Education and Promotion	3
BSPH 4310	Theories in Health Behavior	3
BSPH 4340	Health Program Evaluation	3

* students may take BSPH 2352 or EXSS 2352

Scott & White School of Nursing

Dr. Shanna Akers, Dean

Dr. Tracy Booth, Associate Dean

Mission

The mission of the Scott & White School of Nursing is to prepare excellent professional nurses who contribute to the health and welfare of individuals, families, and communities in diverse health care environments. The Scott & White School of Nursing strives to prepare graduates to become leaders in the profession, life-long learners, and community servants who practice nursing based on Christian values and professional principles.

Scott & White School of Nursing

Philosophy

The Scott & White School of Nursing is an integral part of the Mayborn College of Health Sciences and the University. The philosophy of the Scott & White School of Nursing is consistent with the purpose of the University, which emphasizes instruction in a Christian environment and service to individual students and the community.

The Scott & White School of Nursing prepares graduates who, as professional nurses, contribute to the health and welfare of the individual, the family, and the community. This outcome, supported by the liberal arts foundation and the nursing curriculum, enables graduates to realize their own potential as individual citizens and practitioners in the health care system. The curriculum is reflective of the Essentials of Baccalaureate Education from the American Association of Colleges of Nursing (AACN) and the Texas Board of Nursing Differentiated Essential Competencies (DECs).

The program's faculty affirm that:

- Humans are biological-psychological-social-spiritual beings.
- The role of the professional nurse is to assist patients in adapting to stressors in their internal and external environments throughout the life cycle.
- The professional nurse serves a diverse population of patients, individuals, families, groups, and communities.
- The professional nurse must demonstrate leadership in assessing, analyzing, planning, implementing, and evaluating nursing care to patients.
- The professional nurse must effectively communicate and collaborate with the client and the interprofessional team in the provision of patients care.
- The practice of professional nursing involves clinical judgement based on knowledge of the natural, behavioral, and social sciences, humanities, and nursing science.
- The professional nurse utilizes therapeutic interventions which include the provision of physical, psychological, and spiritual care, as well as health teaching and advocacy.
- The professional nurse assumes responsibility and accountability for their nursing practice.
- The professional nurse continuously strives to improve as a professional and contribute to the advancement of the nursing profession.
- The professional nurse engages in and fosters self-care practices.
- Learning is a dynamic process, influenced by the learner's individuality and experiences, and is manifested by changes in behavior.
- The learner has the primary responsibility for acquiring, applying, and demonstrating the knowledge, skills, and attitudes of the professional nurse.
- The faculty facilitates the learner's attainment of the program outcomes by providing well-planned learning experiences based on sound educational principles and facilitating student development as a self-directed, lifelong learner.

BSN Program Goals

The BSN Program Goals are to provide a curriculum which:

1. Prepares graduates for entry level professional nursing practice and interprofessional collaboration.
2. Emphasizes care of diverse populations across the lifespan and throughout the health continuum.

3. Encourages life-long learning and provides a foundation for professional scholarship.
4. Promotes service through involvement in professional and community organizations and activities.
5. Cultivates faith-informed discernment and integrity in the professional nursing role.

Student Learning Outcomes

1. Exhibit safe, effective, and holistic patient-centered care across the life span in evolving healthcare environments.
2. Utilize the nursing process, clinical judgment, and evidence-based practice in decision making for the provision of nursing care to diverse individuals, families, and populations.
3. Participate as an effective member of the interprofessional healthcare team through effective communication, collaboration, and teamwork.
4. Utilize information and communication technologies to coordinate and deliver client care.
5. Incorporate leadership and management strategies across the healthcare delivery continuum.
6. Assume responsibility and accountability for one's nursing practice through the integration of professional values, ethics, and legal standards.
7. Recognize the importance of professional development, lifelong learning, and self-care.
8. Incorporate faith-informed discernment in one's professional role, while respecting patient beliefs.

Program Approval and Accreditation Information

- Texas Board of Nursing

333 Guadalupe, Suite 3-430
Austin TX 78701

- The baccalaureate degree program in nursing at University of Mary Hardin-Baylor is accredited by the Commission on Collegiate Nursing Education (http://www.ccneaccreditation.org).

Commission on Collegiate Nursing Education
655 K Street, NW, Suite 750
Washington, DC 2000

Admission to the Program

Students seeking admission to the BSN program must first be admitted to the University of Mary Hardin-Baylor. Admission to the University does not constitute automatic admission into the BSN program. Admission to the Scott & White School of Nursing requires a separate application and is determined by the Scott & White School of Nursing's Admission, Progression and Retention Committee.

Students must be eligible to participate in clinical experiences at Baylor Scott & White facilities, have a minimum of 46 semester hours of specific courses which will count toward the BSN degree, and be selected by the nursing Admission, Progression and Retention Committee. The committee considers a student's GPA (3.00 minimum on specific prerequisite courses and on all courses taken toward the nursing degree plan), and other factors relevant to a student becoming a professional nurse.

The standards listed in this catalog and other Scott & White School of Nursing criteria represent minimum requirements. Students seeking entrance into the BSN program will be evaluated based on present admission criteria which may exceed requirements listed within this catalog. In the case of competitive admissions, requirements over and above the minimum may be necessary. Applications are available on the website. Applications for fall semester admissions open on January 5th and close on July 31st each year. Applications for spring semester admissions open on January 5th and close on November 30th each year. The priority deadline for fall review is March 1st, and for spring review it is October 1st. Applications submitted after the priority deadline will be reviewed on an on-going basis through the deadline.

To be eligible for admission, students must meet the following requirements PRIOR to their admission to NURS 2150, 2460 and 2350.

1. An ATI TEAS admission exam composite score of 65% or better with two (2) attempts. Applicants must also make a minimum score of 65% on the math section and a minimum 65% on the reading section of the exam.
2. A student must have completed the following required prerequisite courses. A minimum of a "C" is required for all prerequisite courses indicated with an *.
   *a. English — 6 semester hours
   *b. Biology and Chemistry — 16 semester hours: Anatomy and Physiology I and II, Microbiology and Intro to Chemistry, College Chemistry, **or** General Chemistry I. (Either Microbiology or Chemistry can be taken with the first 7 hours of Nursing.)

   *c. General Psychology — 3 semester hours

   *d. Introductory Sociology — 3 semester hours

   *e. Public Speaking — 3 semester hours

   *f. Developmental Psychology — 3 semester hours

   In addition to these prerequisite courses, the following classes are required for the BSN degree with an overall GPA of at least 3.0. in all courses combined:

   a. Literature — 3 semester hours

   b. Math (Statistics required prior to NURS 3325) — 3 semester hours [The Math Department requires College Algebra as a prerequisite for the Statistics course.]

c. Christian Studies — 6 semester hours

d. World Cultures — 3 semester hours

e. U.S. History or Political Science — 3 semester hours

f. Exercise & Sport Science — 2 activity courses

g. Electives — 3 semester hours

h. Fine Arts — 3 semester hours.

i. Freshman Seminar — 1 semester hour

In addition to these courses students must attend chapel (UMHB 1002) and fine arts experiences (UMHB 1005) as outlined by the number of credit hours achieved before attending UMHB. For example first semester freshman must have 4 semesters of chapel and 8 fine arts experience credits.
Note*: Science courses which were completed more than 10 years prior to admission to the BSN program must be repeated

3. Upon receiving a conditional offer of admission, every student must present evidence that he or she is physically and mentally qualified to participate in the nursing program. The following health records must be submitted before enrolling in nursing courses:

   a. Submit evidence of a negative TB skin test within two months prior to admission to NURS 2150, NURS 2260 and NURS 2350 and annually thereafter. Those students with a positive TB skin test are required to submit an initial chest x-ray report and every year thereafter a TB Symptom Checklist form. Students may also complete the QFT blood test from the health department.

   b.

   Certification of immunizations:
   1) A minimum of three doses of the tetanus/diphtheria vaccine, the last dose of which was within 10 years.
   2) Measles (rubeola), mumps, rubella (2 doses of the vaccine), and varicella (2 doses of the vaccine) (if no history of chicken pox or titer does not indicate immunity)
   3) Hepatitis B series (3 doses of the vaccine)
   4) An annual flu vaccine is required

   c. All physical health information will be submitted by the student to the designated Scott & White School of Nursing (SON) entity.

   d. Students must also complete and sign an essential performance standards document.

4. Fingerprinting is required of all students according to the guidelines of the Texas Board of Nursing (BON). The BON requires all applicants seeking licensure in Texas to submit a complete set of fingerprints for the purpose of obtaining a criminal history from the Texas Department of Public Safety and the Federal Bureau of Investigations. Participation in nursing courses may be dependent upon the outcome of the criminal background check completed by the BON. Applicants who may have a background that could prevent them from obtaining licensure in Texas upon completion of a nursing program are urged to complete a Declaratory Order application as early as possible. The Declaratory Order process permits the BON to make decisions regarding an applicant's eligibility for licensure before entering or continuing in the nursing program. Students must also respond to questions regarding past mental health status as required by the BON Verification Form included in the BSN student handbook. Fingerprinting and background checks must be completed prior to the second (2nd) week of the semester of entry into the BSN program.

5. An American Heart Association Health Care Provider CPR/AED course completion card is required prior to admission to clinical nursing courses and must be kept current while in BSN nursing courses. Note: NO online courses are accepted. No provider other than the American Heart Association is accepted.

Transfer Students

The Dean or the Chair of the BSN program's Admission Progression and Retention (APR) Committee reviews all potential transfer students' records. Decisions regarding about admission and placement in the BSN program are determined by the Admission, Progression and Retention Committee of the SON.

Students seeking transfer from another nursing program must be in good standing with that school. A prospective transfer student who has two failures, defined as "D", "F", "WF", or "W" (when "W" is due to failure), in previous nursing courses in two different semesters may not be eligible for admission to the UMHB BSN program.

Students planning to take any prerequisite courses at another college should seek guidance from the registrar's office at the University of Mary Hardin-Baylor **before** enrolling in the course(s) in order to avoid problems with transferring credits.

Scholastic Progress and Readmission Policies

1. To progress to the junior level courses a student **must have completed all science courses** and a minimum of 57 identified academic credits that are part of the curriculum requirements.

2. **A student must achieve at least a "C" in all BSN nursing courses in order to pass each course.** Within each course, a student must receive at least 70% on all identified critical components in each course syllabus to pass (refer to the section below on Grading, the Scott & White School of Nursing Student Handbook, and course syllabi).

3. A satisfactory performance (“C” or better) is achieved in a course only if all identified critical components (this includes both theory and clinical laboratory components) in the course are satisfactorily completed. No rounding of grades is applied in the BSN program. For example, a grade of 69.99 = D.
4. FIRST-TIME FAILING ONE OR MORE NURSING COURSES WITHIN THE SAME SEMESTER. A student who receives a first “WQ” or “F” in one or more nursing courses within the same semester is eligible to request reenrollment in the course in which they were unsuccessful. Students who wish to reenroll must submit a Reenrollment Request Form and a written Progression Plan Form to the Scott & White School of Nursing Office Manager (in person or by email sakers@umhb.edu) no later than ten (10) days after being notified of the course failure(s). Faculty for the course(s) in which the student was unsuccessful will provide the student with the Reenrollment Request Form and the Progression Plan Form at the time notification is provided to the student of the course failure(s).

   Students must include in their request a written analysis of why they were academically unsuccessful in the course(s) failed, and what specific measures they plan to take to be successful if permitted to reenroll. Permission to reenroll is determined by the Scott & White School of Nursing program’s APR committee.

   A student's request for reenrollment into a nursing course must be approved by the APR Committee prior to the student registering for any nursing course in the upcoming semester. If permitted to reenroll, the student must then follow the university’s enrollment procedures. The student must enroll in and successfully complete the failed course(s) before the student will be allowed to progress to the next course(s) in the nursing program.
   If permission to reenroll is denied by the Scott & White School of Nursing program’s APR committee, the student will be dismissed from the Scott & White School of Nursing program and is not eligible for readmission to the Scott & White School of Nursing program.

   If permission to reenroll is denied, the student will be dismissed from the Scott & White School of Nursing program and is not eligible for readmission to the Scott & White School of Nursing program.

   SECOND-TIME FAILING OF A NURSING COURSE
   If the student is granted reenrollment into a nursing course after a first-failure and receives another "WQ" or “‘F’” in any nursing course during a subsequent semester, the student will be dismissed from the Scott & White School of Nursing BSN program and is not eligible for readmission to the Scott & White School of Nursing BSN program.
   In the instance of a transfer student with a previous nursing course "WQ" (or that institutions’ equivalent) or “F” from another program, a failure of a UMHB nursing course will be considered a second-time failure. The student will be dismissed from the Scott & White School of Nursing BSN program and is not eligible for readmission to the Scott & White School of Nursing BSN program.
5. A student who withdraws from or has an interruption in his/her enrollment in nursing for **a** reason other than Program dismissal **must seek readmission** to the BSN program.
6. A student seeking readmission for a reason other than Program dismissal will be evaluated based on current criteria for admission and progression and space availability.

Expenses

In addition to tuition and fees, students in the BSN program will have the following expenses:

1. Laptop computer with the identified system requirements.
2. The cost of textbooks purchased throughout the program of study average $1,500.
3. Name pin, watch with a second hand, stethoscope, and goggles or side shields must be purchased at an approximate cost of $120. This expense should be a one-time cost and occurs on entry into the clinical nursing courses.
4. Uniforms, lab coat, and shoes must be purchased the semester the student is admitted to the clinical program at an approximate cost of $400. This expense should be a one-time cost.
5. Students are required to provide their own transportation to clinical facilities.
6. Fees related to RN licensure are approximately $400 and must be paid the first week of the last semester of the program.
7. Students will be required to participate in an NCLEX review course. The fee for the course as well as other standardized testing is included in the course fees for nursing courses through the nursing program.
8. Online testing: approximately $50.00 (each semester)
9. Online electronic medical record software: approximately $50.00 (each semester)
10. Graduation costs are approximately $160.

11. The School of Nursing pin is purchased when the student has successfully completed the BSN program. Cost, approximately $150, is based on current gold prices.
12. Students must present yearly evidence of a negative TB skin test or a negative chest x-ray if medically indicated. Cost will vary.
13. Students may be required to provide additional evidence of medical/health clearance during the clinical program at their own expense.
14. Finger printing through designated agency, approximately $45.
15. Urine drug screen, approximately $28. 'For Cause' and/or random drug screens may also be required.

General Information

1. The Scott & White School of Nursing reserves the right to deny an applicant admission or readmission to the BSN program for any lawful reason. A student may be dismissed from the program for a violation of the academic or conduct standards of the program or the University, or if the student is no longer qualified for the program.
2. It is the responsibility of the student to become familiar with and comply with the policies and regulations (i.e. health forms, liability, dress) of the Scott & White School of Nursing and professional standards and to comply with them. See the current Scott & White School of Nursing BSN Student Handbook.
3. It is the responsibility of the student to maintain updated information regarding changes in name, address, telephone number, e-mail or any other requested information with the Registrar's Office (see the previous section on Resources in the catalog). Additionally, nursing students must keep his or her records updated in the Scott & White School of Nursing Office.
4. It is the responsibility of the student to be familiar with the current Texas Nurse Practice Act and with the rules of the Texas Board of Nursing governing eligibility for taking the licensure exam to become a Registered Nurse.
5. Students must also complete five service (volunteer) hours each semester.

Curriculum

Because the BSN curriculum is sequential, certain prerequisites exist for both admission to and progression in the BSN program. All nursing courses in each semester **must** be completed with a grade of C or higher before progressing to the subsequent semester. Likewise, all courses in the junior level must be completed **before** progressing to the senior level.

Note: Nursing students will take nursing courses in their proper sequence. Students must complete each nursing course in a grouping with a grade of C or higher before moving to the next group:
NURS 2150, NURS 2200, NURS 2260, and NURS 2350 (Introductory);
NURS 3101, NURS 3205, NURS 3220, NURS 3225, NURS 3301, and NURS 3520 (NI);
NURS 3221, NURS 3240, NURS 3401 and NURS 3521 (NII);
NURS 4230, NURS 4301, NURS 4401, and NURS 4420 (ABI),
NURS 4201, NURS 4202, NURS 4302, and NURS 4700 (AB2).

NOTE: A student may submit an application to take the National Council for Licensure Examination-RN (NCLEX-RN®) during their final semester if all course work has been successfully completed and the requirements for graduation met.

Nursing students may minor in several fields of study. Degree plans for these minors are available in the Registrar's Office or the BSN Office. It is most helpful if the student declares a minor as early as possible.

Grading

The Scott & White School of Nursing adheres to the University grading scale. Grades are NOT rounded in the BSN program. For example, a 69.99 = D.

NURSING B.S.N.

124 MINIMUM HOURS
36 UPPER LEVEL HOURS
31 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 58 hours

see Bachelor of Science in Nursing Degree Academic Core (p. 83)

B.S.N. Nursing Major Required Courses – 63 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

The following degree requirements will take effect January 1, 2026. For students accepted into the BSN program for Fall 2025, the degree requirements published in the UMHB 2024-2025 course catalog (Nursing B.S.N.) will apply.

NURS 2150	Nursing Success	1
NURS 2350	Health Assessment Across the Lifespan	3
NURS 2260	Foundational Nursing Skills	2
NURS 2200	Intro Professional Nursing Roles	2
NURS 3301	Nursing Care for Population Health	3
NURS 3520	Nursing Care for Adult & Geriatric Health I	5

NURS 3220	Pathophysiology I	2
NURS 3205	Pharmacology I	2
NURS 3225	Evidence Based Practice	2
NURS 3101	Healthcare Informatics and Technology	1
NURS 3521	Nursing Care for Adult & Geriatric Health II	5
NURS 3401	Nursing Care for Reproductive, Maternal, and Neonatal Health	4
NURS 3221	Pathophysiology II	2
NURS 3240	Pharmacology II	2
NURS 4420	Critical Care Nursing	4
NURS 4301	Mental Health Nursing	3
NURS 4302	Professional Nursing Roles	3
NURS 4230	Contemporary Issues	2
NURS 4401	Nursing Care for Child-Adolescent Health	4
NURS 4201	Senior Seminar	2
NURS 4700	Capstone	7
NURS 4202	NCLEX Prep	2

A grade of "C" or better required in all courses in the Nursing major.

A minor is NOT required for the BSN degree.

A minimum of "C" is required in all the following prerequisite courses:

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL 2341	Human Anatomy & Physiology II	3
BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 2380	Microbiology	3
BIOL 2180	Microbiology Lab	1
CHEM	Introductory Chemistry or College Chemistry or General Chemistry	
PSYC 1301	General Psychology	3
PSYC 2311	Developmental Psychology	3
SOCI 1311	Introduction to Sociology	3
COMM 1320	Public Speaking	3

BRIDGING FOR REGISTERED NURSES (RN-B.S.N.)

Please refer to the Competency Based Education (CBE) Program catalog at https://umhb.smartcatalogiq.com/2024-2025/cbe-at-catalog/ for information on the RN to BSN program.

COLLEGE OF HUMANITIES AND SCIENCES

Dr. Stephen Baldridge, Dean

Mission

The College of Humanities and Sciences develops leaders and scholars who think critically about the human experience and natural world. Comprising three academic units, the College seeks to cultivate critical thought in distinct ways in the humanities, the natural sciences, and the social sciences.

-To think critically in the humanities is to consider both the great thinkers and works of art that are our inheritance, and the ways in which those thinkers and works continue to guide our contemporary engagement with others and the world around us. Critical thought in the humanities, then, is chiefly thought about ideas and the power that those ideas have to shape our experience of reality.

-To think critically in the natural sciences is to examine the given world, the Creation, and to seek to know it deeply through careful observation, the experimental process, and logical analysis. This type of thinking equips our students for success in academic and professional research, the health professions, and education.

-To think critically in the social sciences is to rigorously explore the human person and human societies using a wide-range of methodologies. Grounded in our Christian foundation, our goals are twofold: 1) to more deeply understand human natures, cultures, and structures and 2) to pursue justice and wellbeing for all humanity.

School of Humanities

Dr. Jacky Dumas, Associate Dean

The School of Humanities houses the following departments: Communication and Media Studies, English, and Modern Foreign Language. The varied and in-depth curricula provides the best of what liberal arts and humanities have to offer while also incorporating active professional development for students. Through its disciplines, the School of Humanities fosters communication, critical thinking, emotional intelligence, cultural awareness, and cognitive flexibility which underscore purposeful living enlightened freethinking, and faith-informed discernment.

In addition, we provide numerous opportunities for engaging in the respective disciplines as well as creating lifelong learners by means of our student organizations and programming. Our distinctive learning experiences include study abroad for course credit, Deaf Awareness events, *The Bells* - UMHB's university newspaper, literary festivals and workshops, distinguished speakers, and service to our communities.

Housed under the School of Humanities are three multidisciplinary minors which provide complimentary resources, training, and learning opportunities to almost any major at UMHB. The Writing Minor (p. 133) caters to students who value written communication as a vital component to their professional goals. The Classical Humanities Minor (p. 133) accommodates students who are interested in graduate or professional study. The Applied Humanities Minor (p. 133) engages students who desire to work/study abroad or desire to foster global perspectives.

Communication and Media Studies

Dr. Joseph Tabarlet, Chairperson

The Communication and Media Studies Department aims to educate students in all aspects of human communication. Our goal is to produce graduates who can think critically, reason morally, write and speak with precision and impact, and present performances in a variety of media to audiences of all types.

The Department offers majors in Speech Communication, and Mass Communication (with concentrations in Public Relations and Journalism). and minors in Communication and Mass Communication. The Mass Communication degree is complemented by lab work on the Bells, the UMHB student newspaper, as well as journalism internships at a variety of local newspapers, magazines, radio and television stations. PR internships include on-campus opportunities and also range from PR firms to non-profits, to churches and various business.

Communication

MASS COMMUNICATION B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 60 hours

See Bachelor of Arts Degree Academic Core

B.A. Mass Communication Major Required Courses – 33 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

COMM 1180	Communication Foundations	1

COMM 1315	Introduction to Communication	3
COMM 2180	Practicum in Communication	1
COMM 2320	Introduction to Mass Media	3
COMM 2330	Copy Editing	3
COMM 2360	Introduction to Media Writing	3
COMM 2370	Introduction to Public Relations	3
COMM 4340	Law and Regulation of the Mass Media	3
COMM 4180	Capstone Experience in Communication	1

Journalism Track

COMM 3330	Photojournalism	3
COMM 3365	Advanced Media Writing and Design	3
COMM 3368	Broadcasting	3
COMM 4194	Internship: Journalism	1
COMM 4194	Internship: Journalism	1
COMM 4194	Internship: Journalism	1

Public Relations Track

COMM 3370	Advanced Public Relations	3
COMM 4335	Social Media for Communicators	3
COMM 4197	Internship: Public Relations	1
COMM 4391	Upper-Level Public Relations Seminar	3

COMM 4197 must be successfully completed three times for credit. COMM 4197.01, COMM 4197.02, and COMM 4197.03

SPEECH COMMUNICATION B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 60 hours

See Bachelor of Arts Degree Academic Core

B.A. Speech Communication Major Required Courses – 30 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

COMM 1180	Communication Foundations	1
COMM 1315	Introduction to Communication	3
COMM 1320	Public Speaking	3
COMM 2180	Practicum in Communication	1
COMM 2320	Introduction to Mass Media	3
COMM 3310	Persuasion	3
COMM 3320	Storytelling	3
COMM 3325	Advanced Public Speaking	3
COMM 3350	Competitive Oral Interpretation	3
COMM 3351	Argumentation & Debate	3
COMM 4180	Capstone Experience in Communication	1

Choose ONE of the following:

COMM 3385	Special Topics in Rhetoric	3
COMM 3386	African-American Rhetoric	3

Students pursuing secondary certification in Speech should take EDUC 2311 and add the Professional Practices and Pedagogy minor from the College of Education.

COMMUNICATION MINOR

DEGREE REQUIREMENTS

Required Courses – 21 hours

6 hours upper level at UMHB

COMM 1315	Introduction to Communication	3
COMM 1320	Public Speaking	3
COMM 2320	Introduction to Mass Media	3
COMM 3325	Advanced Public Speaking	3
COMM 3310	Persuasion	3
COMM XXXX	6 Hours of Communication Electives	6

MASS COMMUNICATION MINOR

DEGREE REQUIREMENTS

Required Courses – 18 hours

6 hours upper level at UMHB

COMM 2320	Introduction to Mass Media	3
COMM 2360	Introduction to Media Writing	3
COMM 2370	Introduction to Public Relations	3
	Select 3 courses	9
COMM 3365	Advanced Media Writing and Design	3
COMM 3368	Broadcasting	3
COMM 3370	Advanced Public Relations	3
COMM 4335	Social Media for Communicators	3
COMM 4340	Law and Regulation of the Mass Media	3
4391	Seminar	3

Critical Technological Studies

Critical Technological Studies is an interdisciplinary program combining the written, interpersonal, and oral communication skills as well as creative applications of the humanities with the foundational bases of either computer-science or engineering.

CRITICAL TECHNOLOGICAL STUDIES B.S.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core

See Bachelor of Science Degree Academic Core (p. 81)

Students may also select the Bachelor of Science Global Emphasis Foreign Language by taking an additional eight

hours in Foreign Language or a Bachelor of Science Global Emphasis Study Abroad by taking an additional three hours in a Study Abroad component.

Computer Science Track - 18 Hours

CISC 1305	Introduction to Computing	3
CISC 2315	Discrete Structures of Computer & Engineering Sciences	3
CISC 2330	Introduction to Object-Oriented Programming	3
CISC 3322	Web Development	3
CISC 3325	Telecommunications & Networks	3
ENGR 1310	Introduction to Engineering	3

Engineering Track - 22 Hours

CISC 2330	Introduction to Object-Oriented Programming	3
CISC 3322	Web Development	3
ENGR 1310	Introduction to Engineering	3
ENGR 1320	Introduction to Engineering Fundamentals	3
ENGR 2320	Engineering Mechanics: Statics	3
ENGR 2345	Engineering Thermodynamics	3
ENGR 3360	Engineering Design: Engineering for Humanity	3

Required Humanities Courses - 9 Hours

HUMA 2355	Foundations of the Humanities	3
WRIT 3342	Advanced Grammar	3
WRIT 3344	Scientific Writing	3

Varied Analysis - Select One

COMM 2390	Introduction to Film Studies	3
ENGL	Literature	3

Oral Communication - Select One

COMM 3310	Persuasion	3
COMM 3325	Advanced Public Speaking	3

Cultural Humanities - Select One

HUMA 2350	Humanities: Origins	3
HUMA 2360	Explorations	3

Practical Media Skills - Select One

COMM 3343	Documentary Filmmaking	3
COMM 4377	Narrative Film Production	3

English

Dr. Laura Bedwell, Chairperson

The aims of the English Department are to promote the knowledge and appreciation of literature, to introduce the basic concepts of rhetoric and argumentation, and to help students master principles of effective writing. In addition, the department helps majors and minors to prepare for careers in teaching or other fields and provides the foundation needed for graduate study. Creative writing is encouraged by the opportunity to contribute to and produce the University literary magazine, the *Baylorian*. Students may also participate in the production of a professional literary journal, *Windhover: A Journal of Christian Literature*, and in the bi-annual Writers' Festival.

In advanced courses, students engage in a variety of activities, including oral and written reports, essays, research assignments, class discussions, and lectures. Students are expected to use the library effectively and to begin to be proficient in literary criticism.

Students may not use more than six hours of credit by exam for English or Writing courses. This includes credits earned by any combination of exams (AP, CLEP, etc.). For more information about credit by exam, consult the most recent guidelines established by Testing and Counseling. The Department encourages students to take ENGL 1321 and ENGL 1322 during their freshman year in order to learn the conventions of academic writing.

Unless students have been awarded credit by exam or have transferred appropriate credits from an accepted institution, freshmen must begin with ENGL 1321. After completing ENGL 1321, students must take ENGL 1322 before they are eligible to take sophomore-level courses. All students must have credit for three hours of freshman English and three hours of sophomore English before taking junior (3000-level) courses and any WRIT course, and credit for three hours of junior (3000-level) English before taking senior (4000-level) ENGL courses.

Note: Students who score a 29 or higher on the ACT ENGLISH section or a 680 on the SAT ERBW will receive credit for ENGL 1321.

ENGLISH B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 60 hours

see Bachelor of Arts Degree Academic Core (p. 76)

Literature and Literature/ Humanities requirements must be fulfilled by ENGL 2321 and ENGL 2322

B.A. English Major Required Courses – 36 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

ENGL 3100	Introduction to the English Major	1
ENGL 3305	Foundations of English	3
ENGL 3315	American Literature	3
ENGL 3323	World Literature	3
ENGL 3335	Contemporary Global Literature	3
ENGL 4100	Capstone to the English Major	1
ENGL 4185	English Internship	1
ENGL 4321	Shakespeare	3
ENGL 4341	Literary Theory and Criticism	3
WRIT 4343	Advanced Rhetoric	3

SET 1: choose one course:

ENGL 3332	Studies in Literary Periods and Genres	3

ENGL 3333	Studies in Major Authors	3

SET 2: choose one course:

ENGL 4331	Chaucer	3
ENGL 4332	Milton	3

SET 3: choose two courses:

ENGL 4190-4490	Independent Learning	
WRIT 3340	Creative Writing: Poetry	3
	or	
WRIT 3341	Creative Writing: Prose	3
WRIT 3342	Advanced Grammar	3
WRIT 4340	Advanced Composition	3

Students may not select both WRIT 3340 & WRIT 3341. Only one creative course may count towards the major. Student must earn a "C" or better in major.

The semester after completing their core English requirements, students should take ENGL 3100. During their final semester of English coursework, students should take ENGL 4100 and ENGL 4185. Students must earn a "C" or better for courses in this major.

An accompanying minor is strongly recommended. Students majoring in English and minoring in Writing may substitute literature courses for writing courses in Set 2.

TEACHER CERTIFICATION IN ENGLISH LANGUAGE ARTS AND READING SECONDARY LEVEL 7-12

Students desiring to certify to teach English in a public school at the secondary level will complete a B.A. degree in English.

Students pursuing teacher certification in English language arts must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core

See Bachelor of Arts Degree - Academic Core (p. 76) plus EDUC 2311

Literature and Literature/ Humanities requirements must be fulfilled by ENGL 2321 and ENGL 2322

B.A. English Major Required Courses – 32 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

ENGL 3100	Introduction to the English Major	1
ENGL 3305	Foundations of English	3
ENGL 3315	American Literature	3
ENGL 3323	World Literature	3
ENGL 3335	Contemporary Global Literature	3
ENGL 4100	Capstone to the English Major	1
ENGL 4321	Shakespeare	3
ENGL 4341	Literary Theory and Criticism	3
WRIT 3342	Advanced Grammar	3
WRIT 4340	Advanced Composition	3
WRIT 4343	Advanced Rhetoric	3

One of the following:

WRIT 3340	Creative Writing: Poetry	3
WRIT 3341	Creative Writing: Prose	3

Students must earn a "C" or better for courses in this major.

The semester after completing their core English requirements, students should take ENGL 3100. During their final semester, students should take ENGL 4100.

In addition, students will need to fulfill general requirements for the B.A. degree and the certification requirements of the College of Education. Students seeking certification should choose to use the professional development sequence for secondary certification as a minor. This option is available for certification only.

ENGLISH MINOR

DEGREE REQUIREMENTS

Required Courses – 18 hours

6 hours upper level at UMHB

ENGL 2321	British Literature to 1785	3
	or	
ENGL 2322	British Literature since 1785	3
ENGL	One Additional ENGL 2000-level course	3

two courses (6 hours) from Set 1 and two courses (6 hours) from Set 2 (listed below).

SET 1: choose two courses (6 hours):

ENGL 2336	Global Perspectives	3
ENGL 3315	American Literature	3
ENGL 3323	World Literature	3
ENGL 3332	Studies in Literary Periods and Genres	3
ENGL 3333	Studies in Major Authors	3
ENGL 3335	Contemporary Global Literature	3

SET 2: choose two courses (6 hours):

ENGL 4321	Shakespeare	3
ENGL 4341	Literary Theory and Criticism	3
ENGL 4190-4490	Independent Learning	
ENGL 4191-4491	Seminar	
WRIT 3341	Creative Writing: Prose	3
WRIT 3342	Advanced Grammar	3
WRIT 4340	Advanced Composition	3
WRIT 4343	Advanced Rhetoric	3

WRIT 3340	Creative Writing: Poetry	3
WRIT 4192-4492	Publication Workshop	

Students must earn a "C" or better for courses in this minor.

Modern Foreign Languages

Dr. Karla González and Dr. Rubí Ugofsky-Méndez, Co-Chairs of Modern Foreign Languages and ESOL Co-Directors

The Modern Foreign Languages Department has the principal goal of promoting the study of modern foreign languages, cultures, and literatures. The department currently offers Spanish and American Sign Language. In support of this primary aim, it also endeavors (l) to emphasize the development of both oral and written proficiency in the foreign language according to guidelines published by the American Council on the Teaching of Foreign Languages (ACTFL), (2) to provide the highest quality, most up-to-date, practical instruction in foreign languages and cultures and in English for Speakers of Other Languages (ESOL), (3) to introduce students to the experience of reading Spanish literature in the original language, (4) to produce students able to read the Bible in a foreign language with relative ease and able to perform ministry in a foreign culture, (5) to provide students with insight into the culture of the language, and (6) to provide information about employment in bilingual jobs and careers.

A Bachelor of Arts degree requires 14 hours (4 semesters or the equivalent level of achievement) of a foreign language. All four semesters must be in the same language. See the catalog for requirements for other degrees. Some courses have course fees.

Elementary and intermediate foreign language courses emphasize the development of both oral and written communication skills. Small group conversational practice, on-line workbooks, computer programs, and peer tutoring, are offered as reinforcements. Additionally, study abroad programs, summer intensive programs and professional Spanish courses may be offered.

SPAN 3330 and SPAN 3340 are open to departmental credit by examination. The CLEP exam is available for students who wish to challenge the elementary and intermediate levels of Spanish, French or German. A placement test is available for students with previous experience in formal or informal Spanish. Students may also place out of American Sign Language through a departmental placement interview. Students can place out of, but not receive credit for, the 1410/1420 levels of these languages. AP (Advanced Placement) and IB (International Baccalaureate) credit is accepted for Spanish and French. Exams are also available for many other languages through the Foreign Language Achievement Testing Service (FLATS).

The department also offers courses in "English for Speakers of Other Languages" (ESOL) to incoming international students. For information, please refer to English Proficiency Guidelines (p. 38)

SOUTHWEST BORDERLANDS STUDIES MINOR

DEGREE REQUIREMENTS

18 Hours

Required Courses- 18 hours

SOCI 3317	Race and Ethnicity	3
SWBS 2310	Introduction to Borderlands Studies	3
SWBS 3315	Mexican Culture, History, and Society	3
SWBS 3350	Hispanic Borderlands Literature	3

Plus six hours from the below:

HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
HIST 3313	History of Texas	3
HIST 3314	The American South	3
HIST 3362	History of Latin America	3
PSYC 4330	Multicultural Psychology	3
SOCI 3305	Latinx in US Society	3
SOCI 3325	Human Diversity	3
SPAN 3330	Advanced Oral Communication	3
SPAN 3340	Advanced Composition and Stylistics	3
SPAN 3372	Spanish for Heritage Speakers	3
SPAN 3393	Studies in Spanish American Culture and Civilization	3
SWBS 4325	Contemporary Borderlands Issues	3

Students may not use hours counted in their major to fulfill hours in this minor.

SPANISH MINOR

DEGREE REQUIREMENTS

A minor in Spanish consists of 18 semester hours above the level of SPAN 2320.

Required Courses – 18 hours

6 hours minimum upper level at UMHB

SPAN 3330	Advanced Oral Communication	3
SPAN 3340	Advanced Composition and Stylistics	3
SPAN 3342	Spanish for Careers	3

Plus three additional upper level Spanish electives

No grade lower than "C" will count toward fulfillment of a Spanish minor.

Minors

APPLIED HUMANITIES MINOR

DEGREE REQUIREMENTS

Required Courses-21 hours

6 hours upper level at UMHB

POLS 2315	Comparative Political Systems	3
POLS 2320	Topics and Methods of Political Science	3
ENGL 3335	Contemporary Global Literature	3
HUMA 4090	Humanities Workshop	0

Study Abroad Track*

ENGL 2336	Global Perspectives	3
	or	
	HIST-4391 Study Abroad Focus	3
	or	
	Any 3-hour Study Abroad Course	3

Internship Track*

ENGL 4385	English Internship	3
	or	
	Any 3-hour Internship Course with an International Focus	3

Plus 9 hours from the following**

CSIS 3300	Missiology	3
CSIS 3301	Intercultural Perspectives	3
CSIS 4335	Global Readings of the Gospels and Acts	3
POLS 3317	International Organizations	3
PSYC 4330	Multicultural Psychology	3
SOCI 3325	Human Diversity	3

Students who satisfy requirements in the core will take additional choice courses in the minor. Students majoring in English, Political Science, or Christian Studies may not use the same course(s) to satisfy the requirements of both the major and the Applied Humanities minor. Students must meet all prerequisites for all courses.

* Students choosing either Study Abroad or Internship track will only select 6 hours from the choice courses.
** Students choosing both the study-abroad AND the internship abroad will choose only 3 hours from the choice courses
PSYC 4330 requires PSYC 1301 as a prerequisite which students can use in their academic core (social sciences).

CLASSICAL HUMANITIES MINOR

DEGREE REQUIREMENTS

Required Courses – 21 hours

6 hours upper level at UMHB

ENGL 3323	World Literature	3
	or	
ENGL 2330	Classical Influences	3
HIST 1311	History of World Civilizations to 1500	3
PHIL 2315	Introduction to Philosophy	3
PHIL 3335	History of Philosophy	3
HUMA 4090	Humanities Workshop	0

One from the following:

HIST 4340	Ancient Greece & Hellenistic World	3
HIST 4342	Roman Empire & Medieval World	3

6 hours from the following:

ARTS 2351	Art History I	3
HIST 4313	History of Western Political Thought Through the Enlightenment	3
HUMA 2350	Humanities: Origins	3
HUMA 2355	Foundations of the Humanities	3
MUSI 2358	World Music	3
THEA 2350	Theatre Appreciation	3

* Students who satisfy this requirement (PHIL 2315, HIST 1311) in the core will take additional choice courses in the minor. Students majoring in English, History, or Christian Studies may not use the same course(s) to satisfy the requirements of both the major and the Classical Humanities minor. Students must meet all prerequisites for all courses.

** ** If participating in London Studies, students can substitute ARTS 1350 or 4391, ENGL 2321 or 2322, MUSI 4391, CSTH/PHIL 4391, THEA 4391 and HIST 4391 respectively.

COMMUNICATION MINOR

Communication Minor (p. 129)

ENGLISH MINOR

English Minor (p. 131)

MASS COMMUNICATION MINOR

Mass Communication Minor (p. 129)

SOUTHWEST BORDERLANDS STUDIES MINOR

Southwest Borderlands Studies Minor (p. 132)

SPANISH MINOR

Spanish Minor (p. 132)

WRITING MINOR

DEGREE REQUIREMENTS

Required Courses – 21 hours

6 hours upper level at UMHB

COMM 2360	Introduction to Media Writing	3
WRIT 4340	Advanced Composition	3
WRIT 4343	Advanced Rhetoric	3
WRIT 4392	Publications Workshop	3
WRIT 3340	Creative Writing: Poetry	3
	or	
COMM 3340	Screenwriting	3

Plus 6 hours from the following:

BCIS 3350	Desktop & Digital Publishing	3
COMM 2330	Copy Editing	3
COMM 3340	Screenwriting	3
COMM 3365	Advanced Media Writing and Design	3
COMM 3375	Magazine Non-Fiction & Newspaper Feature Writing	3
WRIT 3341	Creative Writing: Prose	3
WRIT 3342	Advanced Grammar	3
WRIT 3340	Creative Writing: Poetry	3

COMM 3340 and WRIT 3340: Cannot fulfill both an elective and a required choice; select whichever course was not taken for the required courses.

Students must earn a "C" or better for courses in this minor.

Students majoring in English and/or Communications may not use the same course(s) to satisfy the requirements of both the major and the Writing minor. Courses in the WRIT prefix are part of the English Program. Students must meet all prerequisites for all courses.

School of Natural Sciences

Dr. Andrea Jensen, Associate Dean

Within the School of Natural Sciences are the following departments: Biology; Chemistry, Environmental Science, and Geology; Computer Science, Engineering and Physics; and Mathematics. We strive to provide quality science, technology, engineering, and mathematics programs through robust curricula. We foster a vibrant, innovative academic culture that supports outstanding teaching, research, and service, cultivating an environment in which students can flourish. We endeavor to create lifelong learners through pedagogy centered on developing critical thinking and problem-solving skills, encouraging significant student-faculty interactions, and supporting student organizations, including clubs and honor societies in the respective disciplines. We offer active professional development opportunities through research and internships in several of our programs.

Biology

Dr. Joni Ylostalo, Chairperson

The UMHB Biology Department stimulates students to attain scholarly excellence in the life sciences to prepare majors for career success in their chosen field and to provide non-majors with a foundation in biological principles. Our goals are 1) to prepare students for career success and leadership in the life sciences; 2) to strengthen the abilities of students to engage in critical thinking through the process of scientific investigation; and 3) to prepare students to apply faith-based discernment in contemporary social and ethical issues related to Biology.

The student majoring in Biology is not required to declare a minor although they may choose to do so. Biology majors should consult with their advisors to determine the most appropriate courses to take in meeting the 120 hours required for graduation, especially if they are planning to attend a professional school after graduation.

BIOLOGY B.S.

Majors are required to complete 21 hours of core Biology coursework and 17 hours of Biology electives chosen with the help of a Biology advisor to best prepare the student for graduate study or employment in their area of interest. The degree plan can be tailored to prepare a student for various health professional programs, laboratory or field employment or graduate research, or science education.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 46 hours

Bachelor of Science Degree - Academic Core (p. 81)

B.S. Biology Major Required Courses –35-38 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
BIOL 3310	Genetics	3
BIOL 3110	Genetics Lab	1
BIOL 4090	Senior Evaluation	0
BIOL 4194	Capstone Writing	1
BIOL 4195	Capstone Seminar	1
	Select one:	
BIOL 4370	Applied Ecology	3
BIOL 4170	Applied Ecology Lab	1
	or	
BIOL 3340	Immunology	3
	or	

BIOL 4355	Adaptation & Phylogeny	3
BIOL 4155	Adaptation & Phylogeny Lab	1

Biology Electives

	Upper-level Elective with Lab	4
BIOL	Any BIOL with Lab	4
	Biology Electives	5-6

Physiology Elective- Choose One

BIOL 2330	Foundations of Comparative Physiology	3
	or	
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL 2340	Human Anatomy & Physiology I	3
	or	
BIOL 2180	Microbiology Lab	1
BIOL 2380	Microbiology	3

No grade lower than a "C" will count toward fulfillment of Biology major requirements.

Required Support Courses for the Major:

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4
MATH 1306	College Algebra	3
MATH 2303	Statistics	3

BIOLOGY - PRE-HEALTH PROFESSIONS (PHYSICAL THERAPY/OCCUPATIONAL THERAPY) B.S.

This degree plan is for Biology majors interested in Occupational or Physical Therapy. UMHB has experienced growth in the demand for pre-health profession majors. Students should understand that, although graduate programs in health professions do require specific courses for entry, they typically do not require a specific major.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 46 hours

Bachelor of Science Degree - Academic Core (p. 81)

B.S. Biology Major Required Courses –35-38 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
BIOL 3310	Genetics	3
BIOL 3110	Genetics Lab	1
BIOL 4090	Senior Evaluation	0
BIOL 4194	Capstone Writing	1
BIOL 4195	Capstone Seminar	1
	Select one:	
BIOL 4370	Applied Ecology	3
BIOL 4170	Applied Ecology Lab	1
	or	
BIOL 3340	Immunology	3
	or	
BIOL 4355	Adaptation & Phylogeny	3
BIOL 4155	Adaptation & Phylogeny Lab	1

Recommended 50-200 observation hours for pre-PT

Recommended 20-80 observation hours for pre-OT

Biology Electives

BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 2341	Human Anatomy & Physiology II	3
BIOL 3175	Human Physiology Lab	1
BIOL 3375	Human Physiology	3

Physiology Elective

BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL 2340	Human Anatomy & Physiology I	3

No grade lower than a "C" will count toward fulfillment of Biology major requirements.

Required Support Courses for the Major:

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4
EXSS 3390	Anatomical Kinesiology	3
MATH 1306	College Algebra	3
MATH 1320	Pre Calculus	3
MATH 2303	Statistics	3
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4
PSYC 1301	General Psychology	3
PSYC 2311	Developmental Psychology	3
PSYC 3315	Abnormal Psychology	3
SOCI 1311	Introduction to Sociology	3

EXSS 3390 Required Support Course for Pre-OT Only.

PHYS 2412 Required Support Course for Pre-PT Only.

Pre-PT can substitute PSYC 3315 for PSYC 2311.

BIOINFORMATICS B.S.

A bioinformatics major prepares students for careers and further education that integrate biology with computer sciences and mathematics. In bioinformatics, large sets of complex biological data are analyzed utilizing computer science and mathematics approaches to form new hypothesis and answer research questions. In the bioinformatics program students will (1) develop a strong knowledge of the foundational concepts of biology,

computer sciences, mathematics, and chemistry, (2) develop computational skills relevant to bioinformatics, (3) examine the integration of biological and computational sciences and communicate related scientific information to others, (4) analyze various bioinformatics-related problems by applying algorithms and problem-solving skills, and (5) analyze and evaluate existing bioinformatics data and research to generate predictions and develop conclusions.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 46-54 hours

see Bachelor of Science Degree - Academic Core (p. 81)

Includes CHEM 1410 and CHEM 1420 as the Lab Science requirement, MATH 1306 as the Mathematics requirement, and 2 hours of BIOL 4185 as the Research Methods or Internship requirement.

Bioinformatics Major Required Courses - 62 hours

Biology Required Courses - 19 hours

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 3310	Genetics	3
BIOL 3110	Genetics Lab	1
BIOL 4305	Cell Biology	3
BIOL 4105	Cell Biology Lab	1
BIOL 4375	Bioinformatics	3

Mathematics Required Courses - 17 Hours

MATH 1430	Calculus I	4
MATH 2303	Statistics	3
MATH 2320	Linear Algebra	3
MATH 2430	Calculus II	4
	MATH Upper Level Elective (3)	

Computer Science Required Courses - 18 hours

CISC 1305	Introduction to Computing	3
CISC 2315	Discrete Structures of Computer & Engineering Sciences	3
CISC 2330	Introduction to Object-Oriented Programming	3
CISC 3323	Algorithms & Data Structures	3
CISC 4327	Database Theory and Application	3
	CISC Upper Level Elective (3)	

Chemistry Required Courses - 8 hours

CHEM 3410	Organic Chemistry I	4
CHEM 4430	Biochemistry	4

NEUROSCIENCE B.S.

Neuroscience is the study of the nervous system and its impact on behavior and cognitive functions. An interdisciplinary field, it draws from biology, psychology, chemistry, and other areas to further our understanding of the nervous system in treating neurological and psychiatric disorders. Students majoring in neuroscience are equipped for graduate and professional studies leading to careers in research, medicine and other health-related fields, as well as biotech and other industries. Students completing a B.S. in neuroscience are also suited to careers as laboratory technicians, health educators, and technical writers.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

This information applies to all courses denoted with an asterisk *

UMHB is part of a consortium of colleges (LCMC) that offers shared online courses in growing professional subjects. UMHB is your home institution and a LCMC consortium college is the teaching institution for this course. Rize Education is the platform that enables UMHB to offer these courses. All Rize Education courses are online, and you can expect to meet students from other colleges, as the courses are shared across multiple institutions.

Students enrolled in this course should understand the following:

- The policies of the LCMC consortium teaching institution through Rize Education, rather than the policies of UMHB, will prevail in many areas, including but not limited to assignment and course grades, attendance requirements, academic integrity, disability accommodations, course assignment due dates, course schedules, academic appeals, and other grievance/complaint processes. UMHB strongly recommends that students enrolling in this course review Rize's Academic Policies. found here.
- Rize Education courses operate on an academic calendar that is different from UMHB's academic calendar. The teaching institutions through LCMC have a range of holiday and other break policies. Students enrolling in this course will be provided with information on how to submit a request to the teaching institution's course instructor that UMHB holidays and breaks be honored when possible.
- Students who have obtained approved disability accommodations at UMHB will be required to complete additional steps through Rize Education to have disability accommodations approved for this course.
- Instructors in this course are not employees of UMHB and are not supervised by or subject to the discipline of UMHB. Instructors may or may not support UMHB's Christian mission.

- This course will appear on your transcript and apply to your degree program as a UMHB course.

This course is NOT accessed within UMHB's Canvas system. Once enrolled, you will not be able to access this course until you have received the email from support@rize.education.

- You will receive an email from support@rize.education when you have access to the course. If you do not receive an email before the start of the semester, please get in touch with support@rize.education immediately.
- The live class is optional but highly encouraged. Weekly assignments are not optional. You must complete assignments for this course by their due date each week, or you may be reported absent by the teaching institution.

By enrolling in this course, you acknowledge and agree to the information provided above.

DEGREE REQUIREMENTS

Academic Core – 45 hours

see Bachelor of Science Degree - Academic Core (p. 81)

Includes CHEM 1410 and CHEM 1420 as the Lab Science requirement, MATH 2303 as the Mathematics requirement and PSYC 1301 as the Social Science requirement.

B.S. Neuroscience Major Required Courses - 50 hours

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL 2341	Human Anatomy & Physiology II	3
BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 3310	Genetics	3
BIOL 3110	Genetics Lab	1
BIOL 3375	Human Physiology	3
BIOL 3175	Human Physiology Lab	1
NSCI 3310*	Neuroscience Foundations	3
NSCI 3320*	Biological Basis of Perception and Movement	3
NSCI 3330*	Cognitive Neuroscience	3
BIOL 4340	The Addicted Brain	3
NSCI 4180	Neuroscience Seminar	1
NSCI 4180	Neuroscience Seminar	1
NSCI 4180	Neuroscience Seminar	1
NSCI 4180	Neuroscience Seminar	1
NSCI 4195	Neuroscience Capstone Seminar	1
NSCI 4320*	Clinical Neuropathology	3
MATH 1306	College Algebra	3
PSYC 3315	Abnormal Psychology	3

Choose one of the following tracks: Biochemical, Biopsychological or Pre-Medical

Biochemical Track - 10 hours

BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
CHEM 3410	Organic Chemistry I	4
CHEM 4430	Biochemistry	4

Biopsychological Track - 10 hours

PSYC 2314	Research Methods for Social Science	3
PSYC 3333	Sensation and Perception	3
PSYC 3133	Sensation and Perception Laboratory	1
PSYC 3350	Cognition	3

Pre-Medical Track - 26 hours

BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
BIOL 2180	Microbiology Lab	1
BIOL 2380	Microbiology	3
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 4430	Biochemistry	4
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4

BIOLOGY MINOR

DEGREE REQUIREMENTS

Required Courses – 20 hours

6 hours upper level at UMHB

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
BIOL 3310	Genetics	3
BIOL 3110	Genetics Lab	1
	Biology Electives	6

TEACHER CERTIFICATION IN LIFE SCIENCE SECONDARY LEVEL

Students pursuing teacher certification in the sciences must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

The following is the recommended sequence for educator preparation courses. Failure to take EDUC 3315 in the sophomore year may result in a delay of student teaching.

Sophomore Spring Semester
EDUC 3315 Students and Learning 3

Junior Year (either semester)

EDUC 4324	Classroom Management	3
EDUC 4328	Curriculum Design I	3
READ 4326	Disciplinary Literacy	3

Senior Fall Semester

EDUC 4385	Educational Internship	3

Senior Spring Semester

EDUC 4250	Student Teaching Seminar	2
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core

Includes Bachelor of Science Academic Core plus EDUC 2311.

Students may also select the Bachelor of Science Global Emphasis Foreign Language by taking an additional eight hours in Foreign Language or a Bachelor of Science Global Emphasis Study Abroad by taking an additional three hours in a Study Abroad component.

B.S. Teacher Certification in Life Science Secondary Level Required Courses –38 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

This option is available for certification only.

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
BIOL 3310	Genetics	3
BIOL 3110	Genetics Lab	1
BIOL 4090	Senior Evaluation	0
BIOL 4194	Capstone Writing	1
BIOL 4295	Capstone Seminar	2
BIOL 4370	Applied Ecology	3
BIOL 4170	Applied Ecology Lab	1
	Physiology Elective 3-4	3-4

Biology Electives

	Upper-level Elective with Lab	4
BIOL	Any BIOL with Lab	4
	Biology Electives	5-6

No grade lower than a "C" will count toward fulfillment of Biology major requirements.

Required Support Courses for the Major:

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4
MATH 1306	College Algebra	3
MATH 2303	Statistics	3

TEACHER CERTIFICATION IN SCIENCE SECONDARY LEVEL

Students pursuing teacher certification in the sciences must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

The following is the recommended sequence for educator preparation courses. Failure to take EDUC 3315 in the sophomore year may result in a delay of student teaching.

Sophomore Spring Semester

EDUC 3315	Students and Learning	3

Junior Year (either semester)

EDUC 4324	Classroom Management	3
EDUC 4328	Curriculum Design I	3
READ 4326	Disciplinary Literacy	3

Senior Fall Semester

EDUC 4385	Educational Internship	3

Senior Spring Semester

EDUC 4250	Student Teaching Seminar	2
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5

DEGREE REQUIREMENTS

Academic Core

includes Bachelor of Science Academic Core plus EDUC 2311; certain core requirements must be fulfilled by specific courses; see degree plan for details.

Students may also select the Bachelor of Science Global Emphasis Foreign Language by taking an additional eight hours in Foreign Language or a Bachelor of Science Global Emphasis Study Abroad by taking an additional three hours in a Study Abroad component.

GEOL 1402, and PHYS 2411 satisfy the laboratory sciences block in the core curriculum.

B.S. Teacher Certification in Science Secondary Level Required Courses – 38 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

This option is available for certification only.

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1

BIOL 2170	Research Methods	1
BIOL 2171	Research Methods Lab	1
BIOL 3310	Genetics	3
BIOL 3110	Genetics Lab	1
BIOL 4090	Senior Evaluation	0
BIOL 4194	Capstone Writing	1
BIOL 4295	Capstone Seminar	2
BIOL 4370	Applied Ecology	3
BIOL 4170	Applied Ecology Lab	1
	Physiology Elective 3-4	3-4
BIOL	Upper-level Elective	4
BIOL	Any BIOL with Lab	4
	BIOL Electives 5-6	5-6

No grade lower than a "C" will count toward fulfillment of Biology major requirements.

BIOL 1090: Freshmen only

Required Support Courses for the Major:

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4
GEOL 1401	Physical Geology	4
MATH 1306	College Algebra	3
MATH 2303	Statistics	3

ADDITIONAL REQUIREMENTS FOR CERTIFICATION

This Science secondary certification requires a minor in Chemistry. In addition, students will need to fulfill general requirements for the B.S. degree and the certification requirements of the College of Education. This option is available for certification only.

Chemistry Minor Required Courses - 24 semester hours:

If the student chooses the minor in Chemistry, the requirements are:

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3001	Lab Assistantship	0
CHEM 3400	Quantitative Analysis	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 4191	Seminar	1
CHEM 4300	Safety in the Academic Laboratory	3

See the Chemistry department listing for the Science Secondary Level Chemistry major, Biology minor option.

Pre-Health Professions Curricula

Undergraduate coursework—and often a bachelor's degree—is necessary for admission to professional healthcare schools. The University of Mary Hardin-Baylor School of Natural Sciences offers degrees that prepare students for a variety of healthcare careers. Only general information about each curriculum and professional program is given, because the details of admission criteria to professional schools varies. Admission to healthcare-healthcare professional schools is highly competitive and requires academic work considerably above average.

Students interested in health professions that are not listed here or seeking further information on the listed programs may contact the Director of Pre-Health Professions:

Dr. Andrew Woodward, Professor of Biology & Director of Pre-Health Professions, awoodward@umhb.edu, (254) 295-4159

PRE-CLINICAL LABORATORY SCIENCE (CLS)

To become a clinical laboratory scientist, a student with a baccalaureate degree in the natural sciences may apply for a one-year internship. The program at Baylor Scott and White Hospital requires a 2.75 minimum GPA and a 2.5 minimum in the sciences.

PRE-DENTISTRY, PRE-MEDICINE, OR PRE-VETERINARY

Any student desiring to attend dental, medical, or veterinary school will, in most cases, be required to complete a baccalaureate degree in the field of choice. In addition, specific course requirements must be met in Biology, Chemistry, English, Mathematics, Physics, and the Behavioral Sciences. Students must also complete the Dental Aptitude Test (DAT) or the Medical College Admissions Test (MCAT) before making application to dental or medical school. The application and interview process for medical and dental school takes approximately one year. The curriculum is designed to support a student's application at the end of the junior year. However, students may choose to delay certain coursework and apply after graduation.

PRE-HEALTH PROFESSIONS PT/OT

This degree plan is for Biology majors interested in Occupational or Physical Therapy. UMHB has experienced growth in the demand for pre-health profession majors. Students should understand that, although graduate programs in health professions do require specific courses for entry, they typically do not require a specific major.

PRE-OPTOMETRY

The course requirements for admission to optometry schools can be completed at Mary Hardin-Baylor. The pre-professional curriculum includes a minimum of 55-60 semester hours with specific prerequisite courses, and a baccalaureate degree is required prior to matriculation at

optometry school. Completion of the Optometry College Admission Test is also necessary for admission to a school of optometry.

PRE-PHYSICIAN ASSISTANT (PA)

A Physician Assistant (PA) has been defined as "a skilled person qualified by academic and practical training to provide patient services under the supervision and direction of a licensed physician who is responsible for the performance of that individual." The pre-professional curriculum includes a minimum of 60 semester credits with specific prerequisite courses. Some PA programs require a bachelor's degree for admission. In addition, some PA programs require the Graduate Record Examination (GRE) exam for admissions.

PRE-PHARMACY

The pre-professional portion of the Pharmacy program may be taken at the University of Mary Hardin-Baylor. A minimum of 60 semester hours must be completed prior to making application to Pharmacy school. The Pharmacy College Admission Test (PCAT) is required for acceptance into most pharmacy programs.

Chemistry, Environmental Science and Geology

Dr. Lin Gao, Interim Chairperson

The Chemistry, Environmental Science, and Geology Department strives to equip all their students taking these sciences with an awareness of the impact of modern technology on our society, as well as to introduce them to the essentials of these disciplines. Persons majoring in Chemistry are given the foundation necessary for graduate study and/or for employment in the chemical industry. Likewise, fundamental training is provided for those planning to enter science education or any of the pre-professional fields.

The Chemistry major with a Biochemistry and Molecular Biology emphasis is recommended for students planning to pursue a career in medical research or planning to attend medical or dental school while pursuing a Chemistry major.

CHEMISTRY B.S.

Majors will also be required to take (as a minimum) MATH 1430, PHYS 2411, and PHYS 2412. MATH 2303, MATH 2430, MATH 3430, and a foreign language are recommended.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 49-54 hours

see Bachelor of Science Academic Core with Global Emphasis Option

Students may select either the Study Abroad Option or Foreign Language Option.

B.S. Chemistry Major Required Courses –35-37 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 2181	Introduction to Chemical Research-Capstone I	1
CHEM 3400	Quantitative Analysis	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 3440	Physical Chemistry I	4
CHEM 3450	Physical Chemistry II	4
CHEM 4090	Senior Evaluation	0
CHEM 4181	Chemical Research-Capstone II	1
CHEM 4183	Seminar - Capstone III	1

4 - 6 hours from the following:

CHEM 3480	Environmental Chemistry	4
CHEM 4350	Advanced Inorganic Chemistry	3
CHEM 4430	Biochemistry	4
CHEM 4440	Instrumental Analysis	4
CHEM 4190-4490		
CHEM 4193-4493		

A grade of "C" or better must be made in all Chemistry courses counting toward the major.

Required Support Courses for major:

MATH 1430	Calculus I	4
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4

Recommended Support Courses:

MATH 2303	Statistics	3
MATH 2430	Calculus II	4
MATH 3430	Calculus III	4
	Foreign language	4

CHEMISTRY B.S. PRE-HEALTH PROFESSIONS

Majors will also be required to take (as a minimum) MATH 1430, PHYS 2411, and PHYS 2412. MATH 2303, MATH 2430, MATH 3430, and a foreign language are recommended.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 49-54 hours

see Bachelor of Science Academic Core with Global Emphasis Option

Students may select either the Study Abroad Option or Foreign Language Option.

B.S. Chemistry Pre-Health Professions Major Required Courses – 35 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 2181	Introduction to Chemical Research-Capstone I	1
CHEM 3400	Quantitative Analysis	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 3440	Physical Chemistry I	4
CHEM 3450	Physical Chemistry II	4
CHEM 4090	Senior Evaluation	0
CHEM 4181	Chemical Research-Capstone II	1
CHEM 4183	Seminar - Capstone III	1
CHEM 4430	Biochemistry	4

Electives - As needed to reach 120 hrs

CHEM 3480	Environmental Chemistry	4
CHEM 4350	Advanced Inorganic Chemistry	3
CHEM 4440	Instrumental Analysis	4
CHEM 4190-4490		
CHEM 4193-4493		

A grade of "C" or better must be made in all Chemistry courses counting toward the major.

Required Support Courses for major:

BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 1360	Biology for Science Majors II	3
BIOL 2140	Human Anatomy & Physiology I Lab	1
BIOL 2340	Human Anatomy & Physiology I	3
BIOL 2141	Human Anatomy & Physiology II Lab	1
BIOL 2341	Human Anatomy & Physiology II	3
MATH 1306	College Algebra	3
MATH 1320	Pre Calculus	3
MATH 1430	Calculus I	4
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3

Recommended Support Courses:

MATH 2303	Statistics	3
MATH 2430	Calculus II	4
MATH 3430	Calculus III	4

CHEMISTRY B.S. WITH A BIOCHEMISTRY AND MOLECULAR BIOLOGY EMPHASIS

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 49-54 hours

see Bachelor of Science Academic Core with Global Emphasis Option

Students may select either the Study Abroad Option or Foreign Language Option.

B.S. Chemistry Major with a Biochemistry Emphasis Required Courses –37-38 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 2181	Introduction to Chemical Research-Capstone I	1
CHEM 3400	Quantitative Analysis	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 3440	Physical Chemistry I	4
CHEM 4090	Senior Evaluation	0
CHEM 4181	Chemical Research-Capstone II	1
CHEM 4183	Seminar - Capstone III	1
CHEM 4345	Advanced Biochemistry	3
CHEM 4430	Biochemistry	4
CHEM X4XX	Upper-level Electives	
	or	
CHEM X3XX	Upper-level Elective	

A grade of "C" or better must be made in all Chemistry courses counting toward the major.

Required Support Courses for major:

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 2380	Microbiology	3
BIOL 2180	Microbiology Lab	1
BIOL 3310	Genetics	3
BIOL 3340	Immunology	3
BIOL 4305	Cell Biology	3
BIOL 4105	Cell Biology Lab	1
MATH 1430	Calculus I	4
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4

Recommended Support Courses:

MATH 2303	Statistics	3

MATH 2430	Calculus II	4
MATH 3430	Calculus III	4
	Foreign language	4

CHEMISTRY MINOR

DEGREE REQUIREMENTS

Required Courses – 24-25 hours

6 hours upper level at UMHB

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3400	Quantitative Analysis	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 4191	Seminar	1

3 to 4 semester hours from:

CHEM 3440	Physical Chemistry I	4
CHEM 3450	Physical Chemistry II	4
CHEM 3480	Environmental Chemistry	4
CHEM 4350	Advanced Inorganic Chemistry	3
CHEM 4430	Biochemistry	4
CHEM 4440	Instrumental Analysis	4
CHEM 4190-4490		
CHEM 4193-4493		

TEACHER CERTIFICATION IN SCIENCE – CHEMISTRY SECONDARY LEVEL

Students pursuing teacher certification in the sciences must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

The following is the recommended sequence for educator preparation courses. Failure to take EDUC 3315 in the sophomore year may result in a delay of student teaching.

Sophomore Spring Semester
EDUC 3315 Students and Learning 3

Junior Year (either semester)
EDUC 4324 Classroom Management 3
EDUC 4328 Curriculum Design I 3
READ 4326 Disciplinary Literacy 3

Senior Fall Semester
EDUC 4385 Educational Internship 3

Senior Spring Semester
EDUC 4250 Student Teaching Seminar 2
EDUC 4501 Student Teaching I 5
EDUC 4502 Student Teaching II 5

DEGREE REQUIREMENTS

Academic Core

see Bachelor of Science Academic Core with Global Emphasis Option

Students may select either the Study Abroad Option or Foreign Language Option.

includes Bachelor of Science Academic Core with Global Emphasis Option plus EDUC 2311; certain core requirements must be fulfilled by specific courses; see applicable degree plan for details

B.S. Chemistry Major Required Courses –35-37 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 2181	Introduction to Chemical Research-Capstone I	1
CHEM 3001	Lab Assistantship	0
CHEM 3400	Quantitative Analysis	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 3440	Physical Chemistry I	4
CHEM 3450	Physical Chemistry II	4
CHEM 4090	Senior Evaluation	0
CHEM 4181	Chemical Research-Capstone II	1
CHEM 4183	Seminar - Capstone III	1
CHEM 4300	Safety in the Academic Laboratory	3

1 - 3 hours from the following:

CHEM 3480	Environmental Chemistry	4
CHEM 4350	Advanced Inorganic Chemistry	3
CHEM 4430	Biochemistry	4
CHEM 4440	Instrumental Analysis	4
CHEM 4190-4490		
CHEM 4193-4493		

A grade of "C" or better must be made in all Chemistry courses counting toward the major.

Required Support Courses for major:

MATH 1430	Calculus I	4
PHYS 2411	General Physics I	4
PHYS 2412	General Physics II	4

Recommended Support Courses:

MATH 2303	Statistics	3
MATH 2430	Calculus II	4
MATH 3430	Calculus III	4
	Foreign language	4

ADDITIONAL REQUIREMENTS FOR CERTIFICATION

This Science secondary certification requires a minor in Biology. Students seeking this major must take MATH 1430 to satisfy the mathematics requirement in the core curriculum. In addition, students will need to fulfill general requirements for the B.S. degree and the certification requirements of the College of Education.

This option available for certification only.

Biology Minor Required Courses:

Students seeking the minor in Biology must take PHYS 2411 and PHYS 2412 as well as GEOL 1401 and GEOL 1402.

BIOL 1350	Biology for Science Majors I	3
BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 3310	Genetics	3
	BIOL Electives (8)	

See the Biology Department listing for Teacher Certification in Science - Biology Secondary Level.

Computer Science, Engineering and Physics

Dr. Paul Griesemer, Chairperson

The objective of the Computer Science, Engineering, and Physics Department is to develop fully in our students their potential for excellence in professional Computer Science, Cybersecurity, and Engineering occupations. Through the efforts of a committed faculty who continually compares and aligns the curriculum with national standard, the student receives a broad education in the fundamental theoretical principles and applied technical knowledge of Computer Science and Engineering. The ultimate goal of the Computer Science, Engineering, and Physics Department is to prepare professionals in a Christian environment for careers in academia, industry, and government.

General Information

Students in this department can receive a Bachelor of Science (B.S.) degree with a major in Computer Science, a Bachelor of Science (B.S.) in Cybersecurity, or a Bachelor of Science (B.S.) degree with a major in Engineering upon successful completion of all requirements. Under the major of Computer Science there are two specialization fields offered: Network Centric Specialization and Data Analysis and Visualization Specialization. A minor in Computer Science is also available. Under the major of Engineering, there are two concentrations offered: Mechanical Engineering and Electrical Engineering.

No grade lower than "C" will be counted as a fulfillment of any **major** course requirement.

Computer Science

Computer Science as a field grew out of Electrical Engineering, Mathematics, and Psychology. It synthesized aspects of these fields and grew exponentially over the past half century, both in terms of the number of Computer Science practitioners and its economic and social impact on the world. Studying the field of Computer Science develops abilities to think logically and promotes excellent problem solving skills. A 54-hour major and an 18-hour minor in Computer Science are offered. Students who major in Computer Science might consider a minor in Mathematics, Psychology, or Multimedia and Information Technology.

COMPUTER SCIENCE B.S.

To receive a Bachelor of Science (B.S.) degree in Computer Science, a student must complete a minimum of 120 semester hours.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Required Practical Experience

All students majoring in Computer Science are required to acquire three hundred hours of practical experience **while enrolled at UMHB**. This requirement must be fulfilled before a student is allowed to graduate. Practical experience may be acquired through full-time employment, part-time employment, paid or unpaid internships (including CISC 4395), apprenticeships, international experiences, or co-op experiences. The Department Chair **must** approve practical-experience hours **before** the beginning of the student's senior year. Students must obtain a letter from their employer/supervisor, internship site, etc. to verify their practical experience. Please see the Department Chair for additional information.

Academic Core – 48-53 hours

see Bachelor of Science Academic Core with Global Emphasis Option

Students may select either the Study Abroad Option or Foreign Language Option.

B.S. Computer Science Major Required Courses – 27 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

CISC 2315	Discrete Structures of Computer & Engineering Sciences	3
CISC 2330	Introduction to Object-Oriented Programming	3
CISC 3321	Object Oriented Development	3
CISC 3322	Web Development	3

CISC 3323	Algorithms & Data Structures	3
CISC 3325	Telecommunications & Networks	3
CISC 3341	Operating Systems	3
CISC 3360	Computer Organization & Architecture	3
CISC 4327	Database Theory and Application	3

Required Support Courses (Majors Only)-16 hours:

CISC 1305	Introduction to Computing	3
CISC 4370	Computer Science & Engineering Ethics Seminar	3
MATH 1430	Calculus I	4
MATH 2320	Linear Algebra	3
WRIT 3344	Scientific Writing	3

* WRIT 3344 is the required support course prerequisite for the CISC/ENGR 4370 Writing Emphasis Course.

B.S. COMPUTER SCIENCE MAJOR GUIDED ELECTIVE COURSES- 9 HOURS:

Choose nine (9) hours from the following specializations. Student can take courses from one single specialization or multiple specializations.

Network –Centric Specialization:

CISC 4324	Network Security	3
CISC 4325	Network Security II: Cryptography	3
CISC 4328	Computer Security	3

Data Analysis and Visualization Specialization:

CISC 4310	Artificial Intelligence	3
CISC 4335	Big Data	3
CISC 4340	Data Analysis and Visualization	3
CISC 4347	Graphics Programming	3

COMPUTER SCIENCE MINOR

DEGREE REQUIREMENTS

Required Courses- 18 hours:

6 hours upper level at UMHB

CISC 1305	Introduction to Computing	3
CISC 2315	Discrete Structures of Computer & Engineering Sciences	3
CISC 3325	Telecommunications & Networks	3
CISC 2330	Introduction to Object-Oriented Programming	3
CISC 3321	Object Oriented Development	3

Choose one course from the following:

CISC 3323	Algorithms & Data Structures	3
CISC 3341	Operating Systems	3
CISC 3360	Computer Organization & Architecture	3
CISC 4347	Graphics Programming	3

CLOUD APPLICATION DEVELOPMENT MINOR

Cloud computing is an increasingly vital topic with a range of uses, including application development, data analytics, machine learning, networking and infrastructure. For students entering these fields, a working knowledge of cloud technologies and of at least one major cloud platform provider increases potential career opportunities. This minor was built in collaboration with Google and leverages their knowledge and resources to provide students with a firm foundation in Cloud application development, and an opportunity to hone both their cloud knowledge and their overall programming and development skills.

DEGREE REQUIREMENTS

Required Courses - 24 hours:

6 hours upper level at UMHB

CISC 1305	Introduction to Computing	3
CISC 2330	Introduction to Object-Oriented Programming	3
CISC 3321	Object Oriented Development	3
CISC 3323	Algorithms & Data Structures	3
CYBR 2340	Google Cloud Computing Foundations	3
CYBR 3340	Application Development I – Exploring Web Applications	3
CYBR 3341	Application Development II – Building Web Applications	3
CYBR 4340	Cloud Application Practicum	3

Cybersecurity

Cybersecurity is the discipline that focuses on protection and integrity of digital information and information systems. Society relies on an array of global networks and information systems to communicate, run businesses and organization, and support critical infrastructures. Students majoring in cybersecurity are equipped for careers in virtually any industry as an IT professional who can assess cyber vulnerabilities, respond to cyber threats, and develop policies and procedures for maintaining cybersecurity.

This information applies to all courses denoted with an asterisk *

UMHB is part of a consortium of colleges (LCMC) that offers shared online courses in growing professional subjects. UMHB is your home institution and a LCMC consortium college is the teaching institution for this course. Rize Education is the platform that enables UMHB to offer these courses. All Rize Education courses are online, and you can expect to meet students from other colleges, as the courses are shared across multiple institutions.

Students enrolled in this course should understand the following:

- The policies of the LCMC consortium teaching institution through Rize Education, rather than the policies of UMHB, will prevail in many areas,

including but not limited to assignment and course grades, attendance requirements, academic integrity, disability accommodations, course assignment due dates, course schedules, academic appeals, and other grievance/complaint processes. UMHB strongly recommends that students enrolling in this course review Rize's Academic Policies. found here.

- Rize Education courses operate on an academic calendar that is different from UMHB's academic calendar. The teaching institutions through LCMC have a range of holiday and other break policies. Students enrolling in this course will be provided with information on how to submit a request to the teaching institution's course instructor that UMHB holidays and breaks be honored when possible.
- Students who have obtained approved disability accommodations at UMHB will be required to complete additional steps through Rize Education to have disability accommodations approved for this course.
- Instructors in this course are not employees of UMHB and are not supervised by or subject to the discipline of UMHB. Instructors may or may not support UMHB's Christian mission.
- This course will appear on your transcript and apply to your degree program as a UMHB course.

This course is NOT accessed within UMHB's Canvas system. Once enrolled, you will not be able to access this course until you have received the email from support@rize.education.

- You will receive an email from support@rize.education when you have access to the course. If you do not receive an email before the start of the semester, please get in touch with support@rize.education immediately.
- The live class is optional but highly encouraged. Weekly assignments are not optional. You must complete assignments for this course by their due date each week, or you may be reported absent by the teaching institution.

By enrolling in this course, you acknowledge and agree to the information provided above.

CYBERSECURITY B.S.

To receive a Bachelor of Science (B.S.) degree in Cybersecurity, a student must complete a minimum of 120 semester hours.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Required Practical Experience

All students majoring in Cybersecurity are required to acquire three hundred hours of practical experience **while enrolled at UMHB**. This requirement must be fulfilled before a student is allowed to graduate. Practical experience may be acquired through full-time employment, part-time employment, paid or unpaid internships, apprenticeships, international experiences, or co-op experiences. The Department Chair **must** approve practical-experience hours **before** the beginning of the student's senior year. Students must obtain a letter from their employer/supervisor, internship site, etc. to verify their practical experience. Please see the Department Chair for additional information.

Academic Core – 45-53 hours

See Bachelor of Science Degree - Academic Core (p. 81)

Includes MATH 1430 as the Mathematics requirement and PSYC 1301 as the Social Science requirement.

B.S. Cybersecurity Major Required Courses – 60 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

CYBR 1306*	Introduction to Cybersecurity	3
CISC 1305	Introduction to Computing	3
CYBR 2310*	Cybercrime and Governance	3
CYBR 4310*	The Future of Cybersecurity	3
CISC 2315	Discrete Structures of Computer & Engineering Sciences	3
CISC 2330	Introduction to Object-Oriented Programming	3
CYBR 3350*	Security Operations	3
CISC 3321	Object Oriented Development	3
CISC 3323	Algorithms & Data Structures	3
CISC 3325	Telecommunications & Networks	3
CISC 3341	Operating Systems	3
CISC 4324	Network Security	3
	or	
CYBR 3320*	Network and System Security	3
CISC 4325	Network Security II: Cryptography	3
CISC 4328	Computer Security	3
CYBR 3370*	Ethical Hacking	3
CYBR 4350*	Cybersecurity Capstone	3
CYBR 3180	Cybersecurity Seminar	1
CYBR 3180	Cybersecurity Seminar	1
CYBR 3180	Cybersecurity Seminar	1
CYBR 3180	Cybersecurity Seminar	1
CYBR 3180	Cybersecurity Seminar	1
CYBR 3180	Cybersecurity Seminar	1
MATH 2320	Linear Algebra	3
WRIT 3344	Scientific Writing	3

Engineering

Engineering at UMHB offers a firm foundation in theoretical engineering knowledge coupled with practical design applications, providing a context for our students to focus their Christian commitment on engineering solutions which can improve our world. The Engineering major, which combines mathematical, physical, and computational science, is recommended for students who wish to complete an inter-disciplinary engineering degree. The engineering degree is designed to enable students to demonstrate skill in the appropriate use of engineering specific technology, to develop confidence in strategies of problem-solving, and to apply problem-solving strategies to "real-world" activities. The engineering student is expected to communicate technical information effectively in both written and verbal form. The engineering student is challenged to integrate his/her knowledge of mathematics and science with a Christian perspective to discover significant relationships between a Christian life and an engineering profession. Students who pursue the Engineering major at UMHB will combine a lifetime career preparation with a Christian commitment to improve our world and thereby will have a unique experience for life. The Engineering major is accredited by the EAC commission of ABET.

The application for admissions into the upper-level engineering program should be completed by the end of the sophomore year when engineering students will be notified. Computer Science, Engineering, Mathematics and Laboratory Sciences GPA will be utilized in that determination. Those courses are CISC 2330, ENGR 1310, ENGR 1320, ENGR 2311, ENGR 2320, ENGR 2321, ENGR 2345, ENGR 2430, MATH 1430, MATH 2430, MATH 2320, CHEM 1410, PHYS 2421 and PHYS 2422. An engineering student's GPA in the specified courses must be a 2.75 or higher to be considered for admittance into the upper-level courses. Each student will be evaluated and will be granted approval to take upper-level courses by the Engineering faculty members. Please note that UMHB does not guarantee admittance into the upper-level engineering program at UMHB.

Required Practical Experience

All students majoring in Engineering are required to acquire three hundred hours of practical experience **while enrolled at UMHB**. This requirement must be fulfilled before a student is allowed to graduate. Practical experience may be acquired through full-time employment, part-time employment, paid or unpaid internships (including ENGR 4395), apprenticeships, or co-op experiences. The Department Chair **must** approve practical-experience hours **before** the beginning of the student's senior year. Students must obtain a letter from their employer/supervisor, internship site, etc. to verify their practical experience. Please see the Department Chair for additional information.

ENGINEERING B.S.

126 MINIMUM HOURS
36 UPPER LEVEL HOURS
31 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 45-53 hours

see Bachelor of Science Academic Core

Students may also select the Bachelor of Science Global Emphasis Foreign Language by taking an additional eight hours in Foreign Language or a Bachelor of Science Global Emphasis Study Abroad by taking an additional three hours in a Study Abroad component.

Engineering Major Core – 28 hours:

ENGR 2311	Numerical Algorithms	3
ENGR 2320	Engineering Mechanics: Statics	3
ENGR 2321	Engineering Mechanics: Dynamics	3
ENGR 2130	Electric Circuits Laboratory	1
ENGR 2330	Electrical Circuit Theory	3
ENGR 2345	Engineering Thermodynamics	3
ENGR 3360	Engineering Design: Engineering for Humanity	3
ENGR 4370	Computer Science & Engineering Ethics Seminar	3
ENGR 4380	Capstone Design I	3
ENGR 4381	Capstone Design II	3

Electrical Engineering Track- 20 hours

Students must select either Electrical or Mechanical Track. Courses cannot be counted twice.

ENGR 3130	Electronics Laboratory	1
ENGR 3137	Digital Logic Design Laboratory	1
ENGR 3330	Electronics	3
ENGR 3337	Digital Logic Design	3
ENGR 4312	Digital Signal Processing	3
ENGR 4315	Power Systems	3
ENGR 4330	Engineering Electromagnetics	3
ENGR 4360	Signals and Systems	3

Mechanical Engineering Track- 20 Hours

ENGR 3120	Mechanics of Materials Lab	1
ENGR 3315	Mechanical Design	3
ENGR 3320	Mechanics of Materials	3
ENGR 3346	Advanced Thermodynamics	3
ENGR 4150	Fluid Mechanics Laboratory	1
ENGR 4340	Principles of Heat Transfer	3
ENGR 4350	Fluid Mechanics	3
ENGR 3381	Introduction to Material Science	3

Engineering Upper-level Electives -6 hours

CISC 3321	Object Oriented Development	3
ENGR 3365	Introduction to Optics	3
ENGR 4310	Vibrations	3
ENGR 4320	System Dynamics and Control	3
ENGR 4325	Radio Frequency Circuit	3
ENGR 4365	Mechatronics	3

ENGR 4391	Special Topics	3
ENGR 4335	Introduction to Aerospace Engineering	3

Required Support Courses- 9 hours

CISC 2330	Introduction to Object-Oriented Programming	3
ENGR 1310	Introduction to Engineering	3
ENGR 1320	Introduction to Engineering Fundamentals	3
ENGR 2010	AutoCAD Proficiency	0
ENGR 4090	Practical Experience	0

Mathematics and Laboratory Sciences – 30 hours

MATH 1430	Calculus I	4
MATH 2320	Linear Algebra	3
MATH 2430	Calculus II	4
MATH 3325	Ordinary Differential Equations	3
MATH 3430	Calculus III	4
CHEM 1410	General Chemistry I	4
PHYS 2421	Physics I with Calculus	4
PHYS 2422	Physics II with Calculus	4

Mathematics

The aim of the Mathematics Department is to develop in our students critical thinking and problem solving skills through mathematical reasoning. We offer two degree programs to prepare our majors for success in graduate school, for mathematical careers in business and industry, and to be effective secondary teachers. Features of the student-focused department include small upper-level course sizes, access to professors, an active Delta Psi Theta math club, undergraduate research and conference attendance opportunities, Kappa Mu Epsilon honor society, and a student-led tutoring center.

Mathematics with Teaching Certification 7-12
Students pursuing teacher certification in mathematics must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.
The following is the recommended sequence for educator preparation courses. Failure to take EDUC 3315 in the sophomore year may result in a delay of student teaching.

Sophomore Spring Semester
EDUC 3315 Students and Learning 3

Junior Year (either semester)
EDUC 4324 Classroom Management 3
EDUC 4328 Curriculum Design I 3
READ 4326 Disciplinary Literacy 3

Senior Fall Semester
EDUC 4385 Educational Internship 3

Senior Spring Semester
EDUC 4250 Student Teaching Seminar 2
EDUC 4501 Student Teaching I 5
EDUC 4502 Student Teaching II 5

MATHEMATICS B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 61 hours

see Bachelor of Arts Academic Core

Mathematics majors seeking a B.A. degree are also required to take PHYS 2421 to satisfy the 4 semester hour lab science block in the core curriculum

Students seeking a major in mathematics must complete MATH 1430 to satisfy the Mathematics requirement in the core curriculum.

B.A. Math Major Required Courses – 40 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

MATH 2303	Statistics	3
MATH 2320	Linear Algebra	3
MATH 2430	Calculus II	4
MATH 3093	Junior Seminar	0
MATH 3314	Geometry	3
MATH 3315	History of Mathematics	3
MATH 3320	Foundations of Higher Mathematics	3
MATH 3325	Ordinary Differential Equations	3
MATH 3430	Calculus III	4
MATH 3341	Numerical Analysis	3
MATH 4293	Senior Seminar	2
MATH 4310	Analysis	3
MATH 4320	Abstract Algebra	3
MATH 4385	Mathematical Probability and Statistics	3

Required Support Courses
PHYS 2421 Physics I with Calculus 4

MATHEMATICS B.S.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 50-55 hours

see Bachelor of Science Degree - Academic Core (p. 81)

Students may select either the Study Abroad Option or Foreign Language Option.

Mathematics majors seeking a B.S. degree are also required to take PHYS 2421 to satisfy 4 of the 8 semester hours of lab sciences required in the core curriculum.

Students seeking a major in mathematics must complete MATH 1430 to satisfy the Mathematics requirement in the core curriculum.

B.S. Math Major Required Courses – 40 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

MATH 2303	Statistics	3
MATH 2320	Linear Algebra	3
MATH 2430	Calculus II	4
MATH 3093	Junior Seminar	0
MATH 3314	Geometry	3
MATH 3315	History of Mathematics	3
MATH 3320	Foundations of Higher Mathematics	3
MATH 3325	Ordinary Differential Equations	3
MATH 3430	Calculus III	4
MATH 3341	Numerical Analysis	3
MATH 4293	Senior Seminar	2
MATH 4310	Analysis	3
MATH 4320	Abstract Algebra	3
MATH 4385	Mathematical Probability and Statistics	3

Required Support Courses

PHYS 2421	Physics I with Calculus	4

* PHYS 2421 satisfies 4 of the 8 hours of required lab science.

Electives (as necessary) to bring total to - 120 hours

MATHEMATICS MINOR

DEGREE REQUIREMENTS

Required Courses – 24 hours

6 hours upper level at UMHB

MATH 1430	Calculus I	4
MATH 2320	Linear Algebra	3
MATH 2430	Calculus II	4
MATH 3320	Foundations of Higher Mathematics	3
MATH 3430	Calculus III	4

Any two of the following:

MATH 2303	Statistics	3
MATH 3314	Geometry	3
MATH 3315	History of Mathematics	3
MATH 3325	Ordinary Differential Equations	3
MATH 3326	Partial Differential Equations	3
MATH 3341	Numerical Analysis	3
MATH 4310	Analysis	3
MATH 4320	Abstract Algebra	3
MATH 4385	Mathematical Probability and Statistics	3

Minors

BIOLOGY MINOR

Biology Minor (p. 137)

CHEMISTRY MINOR

Chemistry Minor (p. 142)

CLOUD APPLICATION DEVELOPMENT

Cloud Application Development Minor (p. 144)

COMPUTER SCIENCE MINOR

Computer Science Minor (p. 144)

MATHEMATICS MINOR

Mathematics Minor (p. 148)

School of Social Sciences

Dr. Rebecca Petterson, Associate Dean

The School of Social Sciences includes the departments of History and Political Science, Psychology, Social Work, and Criminal Justice, as well as the Pre-Law program. Majors and minors in the social, behavioral, and applied sciences focus on humans, individually and in groups, analyzing their actions and interactions in a wide range of contexts. The curricula emphasize diversity, inquiry, and critical thinking, providing a strong foundation from which students can build personally and professionally for lives of leadership and service. Many of our programs provide the opportunity for practical experience in the discipline through field experiences, internships and other hands-on learning activities. Students have the opportunity to enhance their educational experience through participation in student organizations, disciplinary honor societies, service learning activities, and study abroad opportunities.

History and Political Science

Dr. David K. Chrisman, Chairperson

The mission of the History and Political Science Department is to provide learning opportunities to students to 1) understand and appreciate the human experience through the study of history and political science and 2) develop and utilize communication and critical thinking skills. Both disciplines within the department enhance understanding of ourselves while stimulating a full understanding of cultural differences in a global society. These opportunities are provided through the department's degree and certification programs and through a robust

contribution to the general education program of UMHB. In its support of the University and College of Humanities and Sciences mission statements, the department's academic programs emphasize "academic excellence, personal attention, and broad-based scholarship" while preparing students for "leadership, service and faith-informed discernment."

History

Course offerings in history are designed to meet the needs of students seeking both a broad liberal arts education and a useful vocation. Graduates in history may find employment in such diverse fields as public school teaching, government service, archival and bibliographical work, public relations, or careers requiring research and writing skills.

The Dorothy Hughes Weatherby Scholarship and the Reuter Scholarship are available for history and political science majors. Interested students should consult with the chairperson of the department.

HISTORY B.A.

120 MINIMUM HOURS

36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 60 hours

see Bachelor of Arts Degree Academic Core (p. 76)

POLS 2305 or POLS 2306 must fulfill US History or US Government in the Core

B.A. History Major Required Courses – 33 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
HIST 2340	Historical Inquiry, Research, and Method	3
HIST	Upper Level US History	3
HIST	Upper Level Non-US History	3
HIST	Electives	9
HIST 4325	Contemporary America	3
	or	
HIST 4375	Twentieth Century Europe	3

Students must earn a C or better for any course to count toward the major.

It is recommended that students planning to do graduate work in History plan a program leading to a Bachelor of Arts degree.

HISTORY B.S.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core

See Bachelor of Science Degree - Academic Core (p. 81)

B.S. History Major Required Courses – 33 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
HIST 2340	Historical Inquiry, Research, and Method	3
HIST	Upper Level US History	3
HIST	Upper Level Non-US History	3
HIST	Electives	9
HIST 4325	Contemporary America	3
	or	
HIST 4375	Twentieth Century Europe	3

Students must earn a C or better for any course to count toward the major.

It is recommended that students planning to do graduate work in History plan a program leading to a Bachelor of Arts degree.

HISTORY MINOR

DEGREE REQUIREMENTS

Required Courses – 24 hours

6 hours upper level at UMHB

HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
HIST 2340	Historical Inquiry, Research, and Method	3
HIST	Electives	9

Students must earn a C or better for any course to count toward the minor.

HISTORY WITH TEACHING CERTIFICATION 7-12

Students pursuing teacher certification in history or social studies must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

The following is the recommended sequence for educator preparation courses. Students must take 12 hours in history before enrolling in EDUC 3315. Failure to take EDUC 3315 by spring of the sophomore year may result in a delay of student teaching.

Sophomore Spring Semester

EDUC 3315	Students and Learning	3

Junior Year (either semester)

EDUC 4324	Classroom Management	3
EDUC 4328	Curriculum Design I	3
READ 4326	Disciplinary Literacy	3

Senior Fall Semester

EDUC 4385	Educational Internship	3

Senior Spring Semester

EDUC 4250	Student Teaching Seminar	2
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5

Students are also required to take EDUC 2311 to fulfill the additional Technology component.

DEGREE REQUIREMENTS

B.A. or B.S. History Major Required Courses – 33 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
HIST 2340	Historical Inquiry, Research, and Method	3
HIST 3313	History of Texas	3
HIST	Upper Level US History	3
HIST	Upper Level Non-US History	3
HIST	HIST Upper Level Electives 6 hours	6
HIST 4325	Contemporary America	3
	or	
HIST 4375	Twentieth Century Europe	3

Students must earn a "C" or better for courses in this major.

In addition, students will need to fulfill general requirements for the B.A. or B.S. degree and the certification requirements of the College of Education. This option is available for certification only.

Admission to Teacher Education Program:

Grade point average (GPA) requirements are as follows:

a. A GPA of at least 3.00 is required in each of the following areas on a student's degree plan, each area computed separately and individually, AND no grade lower than a "C" will be accepted in any of the following areas: (1) professional development in elementary, middle, secondary, interdisciplinary studies and all-level; (2) certification area(s) in secondary, and all-level art, music, physical education, and Spanish; (3) academic support areas in elementary and middle levels; (4) academic specialization in middle level; or (5) in elementary, special education concentration, and English Second Language in interdisciplinary studies.

b. The cumulative GPA must be a minimum of 2.75.

Political Science

Political Science is recommended as a major or minor for students planning to enter a variety of fields. The subject provides the background necessary for both admission to and satisfactory performance in the study of law. Course offerings in Political Science are also designed to meet the needs of students planning to enter government or military service, graduate school, the media, and political campaigns and consulting. In addition, the study of Political Science offers any student a chance to broaden his or her understanding of the American and International political systems.

POLITICAL SCIENCE B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 60 hours

see Bachelor of Arts Degree Academic Core

World Cultures: HIST 1311 or HIST 1312

US History: HIST 2311 or HIST 2312

B.A. Political Science Major Required Courses – 30 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

POLS 2315	Comparative Political Systems	3
POLS 2320	Topics and Methods of Political Science	3
POLS 4318	International Political Economics	3
POLS 4330	Religion & Politics U.S.	3
POLS	Four Electives	12
POLS 4090	Political Science Capstone	0

Students must earn a C or better for any course to count toward the major.

POLITICAL SCIENCE B.S.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core

See Bachelor of Science Degree - Academic Core (p. 81)

Students may select either the Study Abroad Option or Foreign Language Option.

World Cultures: HIST 1311 or HIST 1312

US History: HIST 2311 or HIST 2312

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B.S. Political Science Major Required Courses – 30 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3
POLS 2315	Comparative Political Systems	3
POLS 2320	Topics and Methods of Political Science	3
POLS 4318	International Political Economics	3
POLS 4330	Religion & Politics U.S.	3
POLS	Four Electives	12
POLS 4090	Political Science Capstone	0

Students must earn a C or better for any course to count toward the major.

POLITICAL SCIENCE MINOR

DEGREE REQUIREMENTS

Required Courses – 24 hours

6 hours upper level at UMHB

POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3
POLS 2315	Comparative Political Systems	3
POLS 2320	Topics and Methods of Political Science	3
POLS	POLS 4 Electives	12

Students must earn a C or better for any course to count toward the minor.

Social Studies

SOCIAL STUDIES B.A. WITH TEACHER CERTIFICATION 7-12

Students pursuing teacher certification in history or social studies must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

The following is the recommended sequence for educator preparation courses. Students must take 12 hours from within history, political science, psychology, sociology or economics before enrolling in EDUC 3315. Failure to take EDUC 3315 by spring of the sophomore year may result in a delay of student teaching.

Sophomore Spring Semester
EDUC 3315 Students and Learning 3

Junior Year (either semester)
EDUC 3330 Social Studies Strategies 3

EDUC 4324 Classroom Management 3

EDUC 4328 Curriculum Design I 3

READ 4326 Disciplinary Literacy 3

Senior Fall Semester
EDUC 4385 Educational Internship 3

Senior Spring Semester
EDUC 4250 Student Teaching Seminar 2
EDUC 4501 Student Teaching I 5
EDUC 4502 Student Teaching II 5

DEGREE REQUIREMENTS

Academic Core- 66 hours

See Bachelor of Arts Degree - Academic Core (p. 76)

Required Support Courses (* these may be used to fulfill requirements in the Core Curriculum)

* PSYC 1301 will complete Social Sciences

* POLS 2305 and POLS 2306 are both required US Government Courses for a total of 6 hours

*EDUC 2311 is required Technology course

BA Social Studies Major Required Courses 30 hours

POLS 2315	Comparative Political Systems	3
SOCI 1311	Introduction to Sociology	3
SOCI 3317	Race and Ethnicity	3
BECO 2311	Principles of Macroeconomics	3

HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
HIST 3313	History of Texas	3
	Upper Level Hours from one of the following: BECO/SOCI/PSYC/POLS/HIST	3

SOCIAL STUDIES B.S. WITH TEACHER CERTIFICATION 7-12

Students pursuing teacher certification in history or social studies must meet all guidelines for the Educator Preparation Program and the state of Texas (see catalog for College of Education) including assessment, field hours, and grade point requirements.

The following is the recommended sequence for educator preparation courses. Students must take 12 hours from within history, political science, psychology, sociology or economics before enrolling in EDUC 3315. Failure to take EDUC 3315 by spring of the sophomore year may result in a delay of student teaching.

Sophomore Spring Semester
EDUC 3315 Students and Learning 3

Junior Year (either semester)
EDUC 3330 Social Studies Strategies 3
EDUC 4324 Classroom Management 3
EDUC 4328 Curriculum Design I 3
READ 4326 Disciplinary Literacy 3

Senior Fall Semester
EDUC 4385 Educational Internship 3

Senior Spring Semester
EDUC 4250 Student Teaching Seminar 2
EDUC 4501 Student Teaching I 5
EDUC 4502 Student Teaching II 5

DEGREE REQUIREMENTS

Academic Core

See (p. 83)Bachelor of Science Degree - Academic Core (p. 81)

Required Support Courses (* these may be used to fulfill requirements in the Core Curriculum)

* PSYC 1301 will complete Social Sciences

* POLS 2305 and POLS 2306 are both required US Government Courses for a total of 6 hours

*EDUC 2311 is required Technology course

B.S. Social Studies Major Required Courses 30 hours

POLS 2315	Comparative Political Systems	3
SOCI 1311	Introduction to Sociology	3
SOCI 3317	Race and Ethnicity	3
BECO 2311	Principles of Macroeconomics	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2311	American History to 1877	3
HIST 2312	American History since 1877	3
HIST 3313	History of Texas	3
	Upper Level Hours from one of the following: BECO/SOCI/PSYC/POLS/HIST	3

PRE-LAW MINOR

The minor in pre-law is an interdisciplinary minor designed for students seeking preparation for law school or for those that want to deepen their understanding of the law, its historical development, and its impact on society. In addition to traditional courses, students may pursue an internship for academic credit at a law office, court, or other law-related settings.

DEGREE REQUIREMENTS - 21 HOURS

Required Courses - 12 Hours

POLS 2305	United States Government	3
	One of the following	
PHIL 3316	Critical Reasoning	3
COMM 3325	Advanced Public Speaking	3
	One of the following	
BLAW 2311	Business Law	3
CRIJ 2330	Fundamentals of Criminal Law	3
	One of the following	
HIST 4311	Constitutional History of the US I	3
POLS 4311	Constitutional Government and Law in the US I	3
HIST 4312	Constitutional History of the US II	3
POLS 4312	Constitutional Government and Law in the US II	3

Electives - 9 Hours

9 hours of the following - if not taken to fulfill requirements above.

BLAW 2311	Business Law	3
BLAW 3330	International Business Law	3
BADM 4345	Advanced Readings in Business Law and Ethics	3
COMM 3351	Argumentation & Debate	3
COMM 4340	Law and Regulation of the Mass Media	3
COMM 3325	Advanced Public Speaking	3
CRIJ 2330	Fundamentals of Criminal Law	3
CRIJ 2334	Courts and Criminal Procedure	3
HIST 4311	Constitutional History of the US I	3
HIST 4312	Constitutional History of the US II	3
HIST 4330	History of Church State In the U.S.	3

POLS 4311	Constitutional Government and Law in the US I	3
POLS 4312	Constitutional Government and Law in the US II	3
POLS 4330	Religion & Politics U.S.	3
PHIL 3316	Critical Reasoning	3
POLS 4395	Internship	3

Psychology

Dr. Josh Bias, Chairperson

Psychology is the scientific study of behavior and the mind. Course offerings in Psychology are designed to provide students with information which will promote an attitude of increased objectivity concerning the behavior, feelings, and attitudes of others and may also provide information about their own behavior. This objectivity and understanding are desirable in everyone but are especially desirable in those students planning a career involving work with other human beings. In addition to preparing students for entry-level positions in human services, the department also seeks to prepare students for graduate work in psychology or other fields.

Courses are offered for students who wish to take only one or two classes in Psychology as well as students who wish to major or minor in Psychology.

PSYCHOLOGY B.A.

Students pursuing a Bachelor of Arts (B.A.) degree must complete the Clinical Track of the Psychology major.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 60 hours

see Bachelor of Arts Academic Core (p. 76)

B.A. Psychology Major Required Courses – 36 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

The Psychology major includes the core courses listed below as well as track courses.

PSYC 1301	General Psychology	3
PSYC 2101	Professions in Psychology	1
PSYC 2201	Psychological Writing	2
PSYC 2314	Research Methods for Social Science	3
PSYC 2316	Statistics for the Social Sciences	3
PSYC 2331	Intro to Neuroscience	3
PSYC 3312	Experimental Psychology	3
PSYC 4090	Senior Evaluation	0
PSYC 4323	History and Systems of Psychology	3

CLINICAL TRACK

In addition to the core courses listed above, students on the Clinical Track must take:

PSYC 2311	Developmental Psychology	3
	or	
PSYC 3316	Child & Adolescent Psychology	3
PSYC 3315	Abnormal Psychology	3
	or	
PSYC 3317	Child and Adolescent Psychopathology	3
PSYC	2 upper-level electives	6
	One of the following three courses:	
PSYC 4311	Behavioral Theory	3
PSYC 4312	Personality Theory	3
PSYC 4320	Counseling Theory	3

A grade of "C" or better is required in all psychology courses counting toward the major.

PSYCHOLOGY B.S.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 47 hours

See Bachelor of Science Degree - Academic Core (p. 81)

B.S. Psychology Major Required Courses –36 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

In addition to the Psychology major core courses listed below, each student must choose to follow the Clinical Track or the Pre-Health Professions Track in order to complete the remaining 15 hours.

PSYC 1301	General Psychology	3
PSYC 2101	Professions in Psychology	1
PSYC 2201	Psychological Writing	2
PSYC 2331	Intro to Neuroscience	3
PSYC 2314	Research Methods for Social Science	3
PSYC 3312	Experimental Psychology	3
PSYC 4323	History and Systems of Psychology	3
PSYC 4090	Senior Evaluation	0
	One of the following	
MATH 2303	Statistics	3
PSYC 2316	Statistics for the Social Sciences	3

All students must complete a statistics course. Students pursuing medical school are strongly encouraged to complete MATH 2303 Statistics. Students who plan to enter graduate school in Psychology are encouraged to complete PSYC 2316 Statistics for the Social Sciences.

CLINICAL TRACK

In addition to the core courses listed above, students on the Clinical Track must take:

PSYC	2 upper-level electives	6
	One of the following	
PSYC 2311	Developmental Psychology	3
PSYC 3316	Child & Adolescent Psychology	3
	One of the following	
PSYC 3315	Abnormal Psychology	3
PSYC 3317	Child and Adolescent Psychopathology	3
	One of the following	
PSYC 4311	Behavioral Theory	3
PSYC 4312	Personality Theory	3
PSYC 4320	Counseling Theory	3

PRE-HEALTH PROFESSIONS TRACK

The courses required to complete the Pre-Health Professions Track are as follows:

	One of the following	
PSYC 2311	Developmental Psychology	3
PSYC 3316	Child & Adolescent Psychology	3
	One of the following	
PSYC 3315	Abnormal Psychology	3
PSYC 3317	Child and Adolescent Psychopathology	3
	One of the following	
PSYC 4311	Behavioral Theory	3
PSYC 4312	Personality Theory	3
PSYC 4320	Counseling Theory	3

SOCI 1311 is required social science for the core

The remaining hours should be comprised of upper-level Psychology courses. The courses strongly recommended to complete the Pre-Health Professions Track are as follows:

PSYC 3319	Social Psychology	3
PSYC 3331	Neurophysiological Psychology	3

PSYC 3320	Health Psychology	3
PSYC 3333	Sensation and Perception	3
PSYC 3350	Cognition	3
PSYC 4311	Behavioral Theory	3
PSYC 4312	Personality Theory	3
PSYC 4355	Psychological Perspectives on Human Nature	3

Pre-Health Profession students are also advised that most medical schools require completion of the following undergraduate science classes:

BIOL 2340, BIOL 2140, BIOL 2341, BIOL 2141, CHEM 3420, PHYS 2411, and PHYS 2412

Required Support Courses

BIOL 1150	Biology for Science Majors I Lab	1
BIOL 1350	Biology for Science Majors I	3
BIOL 1160	Biology for Science Majors II Lab	1
BIOL 1360	Biology for Science Majors II	3
BIOL 3110	Genetics Lab	1
BIOL 3310	Genetics	3
CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 3410	Organic Chemistry I	4

Students interested in pursuing PT or PA programs should consult with their advisors for additional science per-requisites required by such programs.

PSYCHOLOGY - PRE-OCCUPATIONAL THERAPY (OT) CONCENTRATION

DEGREE REQUIREMENTS

B.S. Psychology Major Required Courses –36 hours

PSYC 1301	General Psychology	3
PSYC 2101	Professions in Psychology	1
PSYC 2201	Psychological Writing	2
PSYC 2331	Intro to Neuroscience	3
PSYC 2314	Research Methods for Social Science	3
PSYC 3312	Experimental Psychology	3
PSYC 4323	History and Systems of Psychology	3
PSYC 4090	Senior Evaluation	0
	Upper Division Elective	3
	Upper Division Elective	3
	One of the following	
MATH 2303	Statistics	3
PSYC 2316	Statistics for the Social Sciences	3
	One of the following	
PSYC 2311	Developmental Psychology	3
PSYC 3316	Child & Adolescent Psychology	3
	One of the following	
PSYC 3315	Abnormal Psychology	3
PSYC 3317	Child and Adolescent Psychopathology	3
	One of the following	
PSYC 4311	Behavioral Theory	3
PSYC 4312	Personality Theory	3
PSYC 4320	Counseling Theory	3

Pre-OT Concentration

EXSS 2355	Medical Terminology	3
EXSS 3390	Anatomical Kinesiology	3
EXSS 4395	Motor Behavior	3

A grade of "C" or better is required in all courses in the major.

The following PSYC electives are strongly recommended: PSYC 3320, PSYC 3331, PSYC 3350, PSYC 4311.

Other recommended electives: SOCI 3325 or PSYC 4330, PSYC 4313; EDSP 3362, EDSP 3363; EDUC 4313 or PSYC 3316; EXSS 3395, EXSS 3396, EXSS 4350, EXSS 4392, EXSS 4394, PHIL 3325.

* BIOL 2140, BIOL 2340, BIOL 2141, BIOL 2341 and PHYS 2411 are required lab science courses for the Psychology Pre-OT track.

PSYCHOLOGY MINOR

A minor in Psychology requires 18 semester hours. 9 hours must be upper-level. A grade of "C" or better is required in all psychology courses counting toward the minor.

Social Work and Criminal Justice

Dr. Christine A. Nix, Chairperson

Social Work

Dr. Jennifer Costello, Program Director

The UMHB Social Work Program prepares students for ethical, competent entry-level generalist social work practice, life-long learning, community service and/or graduate education through the integration and application of knowledge, values, skills and experiences relating to diverse client populations, system sizes and practice settings through a commitment to excellence and scholarship within a Christ-centered learning community.

Courses in the University of Mary Hardin Baylor's Social Work Program are offered for students majoring in Social Work or taking classes for social science credit.

UMHB's Bachelor of Social Work degree program is accredited by the Council on Social Work Education. Students completing the Bachelor of Social Work degree are eligible to apply to take the examination for Texas state licensure as a baccalaureate social worker (LBSW).

Students are not officially considered majors in the Social Work Program until they have fulfilled certain criteria. However, students can declare an interest in majoring in Social Work at any time and can take certain courses required in the Social Work curriculum prior to being admitted to the program.

Students are required to meet the following qualifications in order to enter the Social Work Program at the University of Mary Hardin-Baylor:

1. Successfully complete or have scheduled a minimum of 45 semester hours of college courses. These courses must include COMM 1320, ENGL 1321, ENGL 1322, POLS 2305 or 2306, PSYC 1301, SOCI 1311, and SOCW 2311.
2. Achieve a grade of "C" or above in all core Social Work courses taken prior to the application.
3. Possess a cumulative GPA of at least 2.5 at the time of application.
4. Submit a completed application form to the director of the Social Work Program.
5. Have an admission interview with members of the Social Work faculty.
6. Upon receiving a conditional offer of admission, demonstrate physical, mental, and emotional qualifications sufficient, with or without reasonable accommodation, to meet the academic and technical requirements of the social work profession.
7. Enjoy the status of a student in good standing at the University of Mary Hardin-Baylor.

UMHB's Social Work Program reserves the right to deny an applicant admission or readmission for any lawful reason.

Once admitted to the Social Work Program, a student must achieve a grade of "C" or above in all core Social Work courses, maintain at least a 2.5 GPA in all Social Work courses considered collectively, and maintain an overall 2.5 GPA, in order to continue in the program.

An introductory Social Work course may be accepted in transfer if it covers the same content as UMHB's course. Other transfer Social Work courses will be accepted only from Council on Social Work Education accredited programs. Academic credit for life experience and previous work experience cannot be given for any Social Work course.

SOCIAL WORK B.S.W.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 46 hours

see Bachelor of Social Work Academic Core (p. 86)

B.S.W. Social Work Major Required Courses –52 hours

12 hours (*6 upper-level*) at UMHB

12 hours minimum upper level

SOCW 2305	Statistics for the Social Sciences	3
SOCW 2311	Introduction to Social Work	3
SOCW 2312	Human Behavior & Social Environment I	3
SOCW 2314	Human Behavior & Social Environment II	3
SOCW 3311	Social Work Practice I	3
SOCW 3313	Policies & Issues in Social Work	3
SOCW 3314	Social Work Practice II	3
SOCW 3315	Human Diversity	3
SOCW 3325	Case Management	3
SOCW 4090	Senior Examination	0
SOCW 4311	Senior Seminar in Social Work (WE)	3
SOCW 4312	Social Work Research I	3
SOCW 4316	Social Work Practice III	3
SOCW 4322	Social Work Research II	3
SOCW 4511	Social Work Practicum I	5

SOCW 4512	Social Work Practicum II	5
SOCW	Elective	3

NOTE: The following criteria is required to apply for the program:

Cumulative GPA of at least 2.5 at time of application

Grade of "C" or above in all core Social Work courses

Completion of 45 semester hours must include:

COMM 1320	Public Speaking	3
ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3
POLS 2305	United States Government	3
	or	
POLS 2306	Texas State and Local Government	3

The B.S.W. degree does not require a minor area of study, though students may choose to complete a minor. It is important for students to consult with their advisor about courses one should complete to meet the 120 hours required for graduation.

SOCIAL WORK MINOR

The social work minor provides students an understanding of society and social behavior. It serves as a foundation for students in other major field of study, who may seek to pursue a MSW. The minor enables students to analyze and engage individual and societal problems in the context of professional and societal values, cultural and human diversity and other social economic factors. The social work minor provides a fundamental knowledge of human relations and it will complement careers in Christian Studies, journalism, public administration, nursing and other related fields.

DEGREE REQUIREMENTS

21 hours

Required 9 hours:

SOCW 2311	Introduction to Social Work	3
SOCW 2312	Human Behavior & Social Environment I	3
SOCW 2314	Human Behavior & Social Environment II	3

Required 3 hours (one course) from the following:

SOCW 2313	Family and Child Welfare	3
SOCW 4313	Gerontology	3
SOCW 4315	Death and Dying	3

Choose one of the following sets:

Set One:

SOCW 3313	Policies & Issues in Social Work	3
SOCW 3315	Human Diversity	3
SOCW 3325	Case Management	3

Set Two:

SOCW 2305	Statistics for the Social Sciences	3
SOCW 4312	Social Work Research I	3
SOCW 4322	Social Work Research II	3

The social work practice courses (SOCW 3311, SOCW 3314, and SOCW 4316), Senior Seminar (SOCW 4311), Senior Examination (SOCW 4090), and the field practicum courses (SOCW 4511 and SOCW 4512) are available only to students majoring in social work.

Students with a minor in social work are not eligible to take the state of Texas' social work licensure examination nor enter an advanced standing Master of Social Work program.

No grade less than "C" shall apply toward an SOCW course.

Criminal Justice

The major in Criminal Justice is designed to prepare the student for entry level practice and establish an academic and professional foundation for career advancement.

CRIMINAL JUSTICE B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 60 hours

see Bachelor of Arts Degree - Academic Core (p. 76)

B.A. Criminal Justice Major Required Courses-38 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

Lower level courses must be completed prior to enrolling in upper level Criminal Justice courses

11 hours of lower level Criminal Justice courses – 11 hours

CRIJ 1310	Introduction to Criminal Justice	3
CRIJ 2215	Writing in Criminal Justice	2
CRIJ 2330	Fundamentals of Criminal Law	3
CRIJ 2334	Courts and Criminal Procedure	3

Plus 3 of the following lower level courses:

CRIJ 2311	Police Systems and Practices	3
CRIJ 2312	Criminal Investigation	3
CRIJ 2341	Correctional Systems and Practices	3
CRIJ 2342	Community Based Corrections	3
CRIJ 2336	Legal Aspects of Law Enforcement	3

18 hours of upper level coursework, to include:

CRIJ 3318	Juvenile Delinquency	3
CRIJ 4090	Senior Examination	0

CRIJ 4317	Criminology	3
CRIJ 4320	Ethics in Criminal Justice	3
CRIJ 4321	Critical Issues in Criminal Justice	3
CRIJ	Upper-level Elective	6

The student intending to major in Criminal Justice should contact the Criminal Justice Program or a UMHB advisor before registering for a Criminal Justice course at UMHB or at another institution.

No grade less than "C" shall apply toward any CRIJ course.

CRIMINAL JUSTICE B.S.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 47 hours

see Bachelor of Science Degree - Academic Core (p. 81)

SOCI 4317 fulfills Research Methods or Internship

B.S. Criminal Justice Major Required Courses –38 hours

12 hours (*6 upper level*) at UMHB

12 hours minimum upper level

Lower level courses must be completed prior to enrolling in upper level Criminal Justice courses

11 hours of lower level Criminal Justice courses – 11 hours

CRIJ 1310	Introduction to Criminal Justice	3
CRIJ 2215	Writing in Criminal Justice	2
CRIJ 2330	Fundamentals of Criminal Law	3
CRIJ 2334	Courts and Criminal Procedure	3

Plus 3 of the following lower level courses:

CRIJ 2311	Police Systems and Practices	3
CRIJ 2312	Criminal Investigation	3
CRIJ 2341	Correctional Systems and Practices	3
CRIJ 2342	Community Based Corrections	3
CRIJ 2336	Legal Aspects of Law Enforcement	3

18 hours of upper level coursework, to include:

CRIJ 3318	Juvenile Delinquency	3
CRIJ 4090	Senior Examination	0
CRIJ 4317	Criminology	3
CRIJ 4320	Ethics in Criminal Justice	3
CRIJ 4321	Critical Issues in Criminal Justice	3
CRIJ	Upper-level Elective	6

The student intending to major in Criminal Justice should contact the Criminal Justice Program or a UMHB advisor before registering for a Criminal Justice course at UMHB or at another institution.

No grade less than "C" shall apply toward any CRIJ course.

CRIMINAL JUSTICE MINOR

DEGREE REQUIREMENTS

Required Courses – 23 hours

6 hours upper level at UMHB

CRIJ 1310	Introduction to Criminal Justice	3
CRIJ 2215	Writing in Criminal Justice	2
	CRIJ Lower-Level Elective	3
	CRIJ Upper-Level Electives	15

Lower level courses must be completed prior to enrolling in upper level Criminal Justice courses

Complete an additional lower level course selected from the following courses:

CRIJ 2330	Fundamentals of Criminal Law	3
CRIJ 2334	Courts and Criminal Procedure	3
CRIJ 2311	Police Systems and Practices	3
CRIJ 2341	Correctional Systems and Practices	3
CRIJ 2342	Community Based Corrections	3
CRIJ 2336	Legal Aspects of Law Enforcement	3

Upon successful completion of the 6 hours of lower level Criminal Justice courses, the student may enroll in upper level Criminal Justice courses.

The student intending to minor in Criminal Justice should contact the Criminal Justice Program or a UMHB advisor before registering for a Criminal Justice course at UMHB or at another institution.

No grade less than “C” in any Criminal Justice course shall apply toward a minor in Criminal Justice.

Minors

CRIMINAL JUSTICE MINOR

Criminal Justice Minor (p. 157)

HISTORY MINOR

History Minor (p. 149)

POLITICAL SCIENCE MINOR

Political Science Minor (p. 151)

PRE-LAW MINOR

Pre-Law Minor (p. 152)

PSYCHOLOGY MINOR

Psychology Minor (p. 155)

SOCIAL WORK MINOR

Social Work Minor (p. 156)

Aerospace Studies Department

Kenneth R. Sterling, Lt Col, USAF Chairperson

Baylor University

The University of Mary Hardin-Baylor participates in a cross-town agreement with Baylor University, which allows UMHB students to take Air Force Reserve Officers Training Corps (AFROTC) / Aerospace Studies classes offered at Baylor. Effective January 1, 2020, AFROTC/Military Science students will not be able to waive the Exercise Activity courses required in the academic core curriculum.

Leadership Laboratory (LLAB)

The AERO 1111, AERO 1112, AERO 2111, AERO 2112, AERO 3111, AERO 3112, AERO 4111, and AERO 4112 classes are collectively referred to as Leadership Laboratory (LLAB) and are required for cadets pursuing a commission in the Air Force or Space Force. LLAB is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Air Force and Space Force second lieutenants and complement the AFROTC academic program. LLAB involves a study of Air Force customs and courtesies, drill and ceremonies, career opportunities in the Air Force and Space Force, and the life and work of an Air Force commissioned officer. Field trips to Air Force and other U.S. Department of Defense installations may be included when funding permits. Physical training and fitness evaluations are required. Cadets enrolled in LLAB are required to submit documentation of twice-weekly, 1-hour physical training (PT) sessions. Cadets must also attend at least 80% of LLAB activities (i.e., practical military training), which averages two hours per week throughout a cadet's entire enrollment in the AFROTC program.

General Military Course (GMC)

The AERO 1101, AERO 1102, AERO 2101, and AERO 2102 classes are collectively referred to as the General Military Course (GMC) and have Leadership Laboratory co-requisites for cadets. The GMC concentrates on two major themes: (1) Heritage and Values and (2) Team and Leadership Fundamentals. Students will survey general aspects of the Department of the Air Force, opportunities for Air Force and Space Force officers, employment of air and space power, and leadership and team building. Cadets who begin AFROTC with an expectation to complete the program and their baccalaureate degree in less than 4 years may concurrently take AERO 1101 and 2101 or AERO 1102 and 2102 in order to preserve at least 2 full years in the Professional Officer Course.

Field Training Eligible cadets compete, on a nationwide basis, to attend Field Training during the summer months at an Air Force training site in the United States. Students usually compete for a Field Training enrollment allocation in the spring of their sophomore year and attend Field Training that summer. Field Training will train and evaluate cadets in Air Force Institutional Competencies to prepare them for the Professional Officer Corps Successful completion of Field Training enables students to enroll in the Professional Officer Course.

Professional Officer Course (POC)

The AERO 3301, AERO 3302, AERO 4301, and AERO 4302 classes are collectively referred to as the Professional Officer Course and have Leadership Laboratory co-requisites for cadets. The POC concentrates on two major themes: (1) Leading People & Effective Communication and (2) National Security Affairs, Leadership Responsibilities, & Commissioning Preparation Students will learn advanced skills in management and leadership and will be provided the foundation to understand the role of military officers in American society. For cadets, successful completion of the POC and a baccalaureate degree results in commissioning as an Air Force second lieutenant and a call to extended active duty (i.e. full-time military service) within 365 days of the commissioning date.

Additional Information

Scholarships and abbreviated commissioning programs may exist for qualified candidates. To inquire about any of the traditional or abbreviated programs and for more information about scholarship opportunities, contact afrotc@baylor.edu.

The Department of Aerospace Studies is located in the Baylor University Speight Plaza Building and Parking Garage, Suite 100, 1521 S. 4th Street, Waco, Texas. The telephone number is (254) 710-3513. Additionally, the mailing address is AFROTC Detachment 810, Baylor University, One Bear Place #97070, Waco, TX 76798

Reserve Officer Training Corps - Military Science Department (Army ROTC)

Requirements for Admission

Note, ROTC/Military Science students will not be able to waive the Exercise Activity courses required in the academic core curriculum

Basic Course: All courses offered as part of the basic course are eligible for elective credit toward graduation. Course work covers the areas of leadership development,

time management, planning, fitness, life skills, self confidence, and Army values. **No military service obligation is incurred for students enrolled in the basic course.**

Advanced Course: The two-year advanced course is selective and elective, in that any qualified students may apply for admission. The application requires the approval of the Professor of Military Science. Students, who have at least two years of college remaining, maintain a 2.0 or better grade point average, complete the basic course or qualify by prior military training, and are physically qualified, are eligible for enrollment in the advanced course. The advanced course leads to a commission as an officer in the United States Army Reserve, or Regular Army, or Army National Guard and is pursued under a written agreement with the Department of the Army. Advanced-course contract students are paid approximately $8,000 for the two-year course, which includes attendance at the ROTC Leader Development and Assessment Course.

Two-Year Program: Students transferring to or currently enrolled at University of Mary Hardin-Baylor, who cannot complete the basic course prior to becoming academic juniors or graduate students with at least two years remaining may qualify to enter the advanced course by successfully completing a four-week Leader's Training Course, conducted each summer at Fort Knox, Kentucky. Academic credit and pay are granted to students attending the course. Applications should be submitted to the Military Science Department by February 15.

Credit for Previous Military Training: Students with previous military training may qualify for placement directly into the advanced course. The Professor of Military Science determines the placement, which is acceptable to the Army, for each student requesting this classification. To receive placement into the advanced course, a student must have 60 credit hours and an overall 2.0 GPA.

Special Programs

U.S. Army ROTC Leader's Training Course: Maximum of twelve credit hours. The ROTC Leader's Training Course is a four-week summer course conducted at Fort Knox, Kentucky, for students who cannot complete the Basic Course prior to becoming academic juniors. In addition to free room, board, and transportation, students are paid approximately $800. Training includes practical exercises to enhance confidence, physical fitness, and leadership qualities. Prerequisite: Approval of department head.

Ranger Challenge: An adventure-oriented event designed to develop leadership qualities, self discipline, self confidence, and resourcefulness through small unit tactics and inter-collegiate military skills competition. Members participate in several field training exercises during the semester. Open to all interested and qualified students with at least a 2.0 GPA.

Adventure Training: Is available to students who apply to attend Northern Operation Training (Alaska), Airborne-Parachutist Training (Georgia), Air Assault Training (Kentucky), Nurse Summer Training Program, Cadet Troop Leader Training Program (positions world-wide).

ROTC Scholarships: Competitive two, three and four-year scholarships, which pay all tuition, laboratory fees, textbooks, and other required academic expenses except room and board, are available. In addition, the scholarship holder receives a stipend of $300 to $500 per month during the academic year. Scholarship students must have and maintain a minimum 2.5 GPA.

ROTC Leader Development and Assessment Course: Practical application of tactics, leadership training and practice, and arms qualification. Four weeks during the summer at Fort Knox, Kentucky. Prerequisite: M S 301 and 302 or approval of department head.

MILITARY SCIENCE MINOR

DEGREE REQUIREMENTS

Students pursuing a Military Science minor must complete 18 hours of Military Science courses, for example, those with ROTC or AERO prefixes. A minimum of 6 of these hours must be upper-level courses including a capstone course (e.g. ROTC 4312 for students in the ROTC program). Effective January 1, 2020, ROTC/Military Science students will not be able to waive the Exercise Activity courses required in the academic core curriculum.

Veterans: Students who have prior military service may be eligible for advanced placement, provided that their active duty was completed within the last five years.

National Guard/Reserves: Students who are currently members of the United States Army Reserve or the National Guard are eligible for advanced placement under the Simultaneous Membership Program.

M S Leadership Laboratory: Practical application of classroom instruction emphasizing rappelling, water survival, orienteering, physical fitness, and basic military skills. Participating students are provided all uniforms and equipment. Participation is required of all M S students.

Veterans: Students who have prior military service may be eligible for advanced placement, provided that their active duty was completed within the last five years.

National Guard/Reserves: Students who are currently members of the United States Army Reserve or the National Guard are eligible for advanced placement under the Simultaneous Membership Program.

M S Leadership Laboratory: Practical application of classroom instruction emphasizing rappelling, water

survival, orienteering, physical fitness, and basic military skills. Participating students are provided all uniforms and equipment. Participation is required of all M S students.

COLLEGE OF VISUAL AND PERFORMING ARTS

Dr. John Vassar, Interim Dean

Purpose

The College of Visual and Performing Arts is an integral part of the University of Mary Hardin-Baylor and operates in accordance with the overall mission of the University. The College's purpose is to promote excellence through artistic practice and scholarship within the framework of a faith-informed environment. We are dedicated to producing artists, designers, performers, teachers, and scholars of unique creative thought and insightful Christian faith. We are committed to helping our students develop an understanding of and appreciation for the important role of the visual and performing arts in society.

Theatre

THEATRE MINOR

DEGREE REQUIREMENTS

Theatre Foundation – 13 credit hours

THEA 2250	Theatre Design Tech I	2
THEA 2310	Acting I	3
THEA 2350	Theatre Appreciation	3
THEA 2350	Theatre Appreciation	3
THEA 4300	Directing	3

Productions - 4 credit hours

THEA 1100	Dramatic Production	1
THEA 1100	Dramatic Production	1
THEA 3100	Dramatic Production	1
THEA 3100	Dramatic Production	1

Electives - 3 credit hours

	THEA Elective - Choose 3 credit hours from	
THEA 2230	Stage Movement	2
THEA 2360	History of Costume	3
THEA 3100	Dramatic Production	1
THEA 3320	Acting II	3
THEA 3350	Play Production for Secondary Teachers	3
THEA 4350	Playwriting	3

Art

Stephanie Chambers, Chairperson

Art Department Vision Statement: The UMHB Art Department prepares students to impact their community through art and design.

Art Department Mission Statement: The purpose of the UMHB Art Department is to create a Christ-centered artistic community committed to equipping students with a wide range of skills and concepts for expression. As a part of the liberal arts at UMHB, the Art Department encourages students to develop critical thinking and cultural literacy alongside the skills necessary for visual communication.

The Art Department reserves the privilege of retaining selected student works for exhibition.

An art major must achieve a grade of "C" or above in all Art courses. A grade of "D" or "F" will require the student to repeat the course.

Students must furnish materials for all courses.

ARTS 2000 Sophomore Review is required of all Art majors when the student has completed 21 hours of ARTS courses.

ART B.A.

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 60 hours

See Bachelor of Arts Degree Academic Core (p. 76)

World Cultures will be fulfilled by ARTS 2354

Art Major – 36 hours

12 hours *(6 upper level)* at UMHB

18 Hours Minimum Upper Level

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 2351	Art History I	3
ARTS 2352	Art History II	3
ARTS 2340	3D Design	3
ARTS	Lower-level Elective	3
ARTS 2000	Sophomore Review	0
ARTS	Upper level Art History	3
ARTS	Upper Level Elective	15
ARTS 4081	Senior Exhibition	0

Note: Studio courses are to be taken in sequence.

Sophomore Review

Required after completion of 21 hours of ARTS courses.

Electives

to complete 120 hours

ART B.F.A. WITH A MAJOR IN ART EDUCATION

Students pursuing teacher certification in art must meet all guidelines for the Educator Preparation Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

The following is the recommended sequence for educator preparation courses. Failure to take EDUC 3315 in the sophomore year may result in a delay of student teaching.

127 MINIMUM HOURS
36 UPPER LEVEL HOURS
32 HOURS AT UMHB

DEGREE REQUIREMENTS

A. Academic Core - 43 hours

POLS State & Federal Government I or II: Strongly recommended for certification prep but not required.

HIST American History I or II: Strongly recommended for certification prep but not required.

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

Social Science - 3 hours

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

Exercise and Sport Activity (2 activity courses) - 2 Courses

Fine Arts - 3 hours

Must be outside of the ARTS prefix

Lab Science - 4 hours

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Quantitative Reasoning - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

History or Political Science - 3 hours

World Cultures - 3 hours

Technology - 3 hours

EDUC 2311	Classroom Technology	3

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

Freshman Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

Art Major, a Major in Art Education– 60 hours

12 hours (*6 upper level*) at UMHB & 12 hours minimum upper level

Lower Level Classes – 30 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1325	Color Theory	3
ARTS 2351	Art History I	3
ARTS 2352	Art History II	3
ARTS 2311	Drawing II	3
ARTS 2320	Painting I	3
ARTS 2322	Photography I	3
	or	
ARTS 2370	Digital Art	3
ARTS 2340	3D Design	3
ARTS 2360	Ceramics I	3
ARTS 2000	Sophomore Review	0

Upper Level Classes – 30 hours

ARTS 3310	Printmaking I: Relief and Screen Printing	3
	or	
ARTS 4310	Printmaking II: Intaglio and Lithography	3
ARTS 3320	Painting II	3
ARTS 3331	Curriculum in the Art Classroom	3
ARTS 3332	Pedagogy and Professional Practice in Art Education	3
ARTS 4380	Senior Studio	3
	ARTS Upper-level Electives (9)	9
ARTS	Upper level Art History	3
ARTS	Upper level Art History	3
ARTS 4081	Senior Exhibition	0

ARTS 3331 & ARTS 3332 may not be repeated.

Sophomore Review

Required after completion of 21 hours of ARTS courses.

Upper level art history courses include:

ARTS 3349 Medieval Art
ARTS 3350 Renaissance Art
ARTS 3351 Modern Art
ARTS 3355 Graphic Design History
ARTS 4350 American Art

Study abroad trips:

ARTS 4391 Italian Art Experience, French Art and Culture, Prague Art and Culture, etc.

Pedagogy and Professional Practices – 24 hours

Sophomore Year
EDUC 3315 Students and Learning

Junior Year or Senior Year Semester 1
EDUC 4324 Classroom Management
READ 4326 Disciplinary Literacy
EDUC 4328 Curriculum Design I

Senior Year Second Semester
EDUC 4250 Student Teaching Seminar
EDUC 4501 Student Teaching I
EDUC 4502 Student Teaching II

A minimum 3.0 GPA and no grade lower than a "C" are required in certification area & professional development

ART B.F.A. WITH A MAJOR IN GRAPHIC DESIGN

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

See Bachelor of Fine Arts Degree Academic Core

Art Major, B.F.A. degree with a major in Graphic Design– 78 hours

12 hours at UMHB

12 hours minimum upper level

Lower Level Classes – 36 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1325	Color Theory	3
ARTS 2351	Art History I	3
ARTS 2352	Art History II	3
ARTS 2311	Drawing II	3
ARTS 2320	Painting I	3
ARTS 2322	Photography I	3
ARTS 2340	3D Design	3
ARTS 2370	Digital Art	3
ARTS 2375	Typography	3
ARTS 2377	Digital Art II	3
ARTS 2000	Sophomore Review	0

Upper Level Classes – 42 hours

ARTS 3310	Printmaking I: Relief and Screen Printing	3
	or	
ARTS 4310	Printmaking II: Intaglio and Lithography	3
ARTS 3322	Photography II	3
ARTS	Upper level Art History	3
ARTS 3355	Graphic Design History	3
ARTS 3370	Graphic Design I	3
ARTS 3375	Graphic Design II	3
ARTS 4373	Graphic Design III	3
ARTS 4370	Interactive Design	3
ARTS 4379	Senior Design Studio	3
ARTS 4375	Applied Graphic Design	3
	or	
ARTS 4395	Internship in Graphic Design	3
ARTS	Upper-level Elective	12
ARTS 4081	Senior Exhibition	0

Sophomore Review

Required after completion of 21 hours of ARTS courses.

Upper level art history courses include:
ARTS 3349 Medieval Art
ARTS 3350 Renaissance Art
ARTS 3351 Modern Art
ARTS 3355 Graphic Design History
ARTS 4350 American Art

Study abroad trips:

ARTS 4391 Italian Art Experience, French Art and Culture, Prague Art and Culture, etc.

ART B.F.A. WITH A MAJOR IN STUDIO ART

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

See Bachelor of Fine Arts Degree Academic Core

Art Major, Studio Art Emphasis – 78 hours

12 Hours *(6 Upper Level)* at UMHB

12 Hours Minimum Upper Level

Lower Level Classes – 30 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1325	Color Theory	3
ARTS 2351	Art History I	3
ARTS 2352	Art History II	3
ARTS 2311	Drawing II	3
ARTS 2320	Painting I	3
ARTS 2340	3D Design	3
ARTS 2360	Ceramics I	3
ARTS 2370	Digital Art	3
ARTS 2000	Sophomore Review	0

Upper Level Classes – 36 hours

ARTS 3310	Printmaking I: Relief and Screen Printing	3
	or	

ARTS 4310	Printmaking II: Intaglio and Lithography	3
ARTS 3320	Painting II	3
ARTS 3311	Life Drawing	3
ARTS	Upper level Art History	3
ARTS 3360	Ceramics II	3
	or	
ARTS 4320	Painting III	3
ARTS	Upper level Art History	3
ARTS 4380	Senior Studio	3
ARTS 4311	Advanced Drawing Problems	3
	or	
ARTS 3340	Sculpture	3
ARTS	Upper-level Elective	12
ARTS 4081	Senior Exhibition	0

Sophomore Review

Required after completion of 21 hours of ARTS courses.

Upper level art history courses include:

ARTS 3351 Modern Art
ARTS 3355 Graphic Design History
ARTS 4391 Special Topic Seminars

Study abroad trips:

ARTS 4391 Italian Art Experience, French Art and Culture, Prague Art and Culture.

Support Courses – 12 hours

ART MINOR

DEGREE REQUIREMENTS

Required Courses – 18 hours

6 hours upper level at UMHB

ART HISTORY MINOR

DEGREE REQUIREMENTS

Required Courses- 18 hours

6 hours of upper level at UMHB

ARTS 1320	Design	3
ARTS 2351	Art History I	3
ARTS 2352	Art History II	3
ARTS	9 semester hours of upper level Art History	9

GRAPHIC DESIGN MINOR

DEGREE REQUIREMENTS

Required Courses- 21 hours

6 hours of upper-level at UMHB

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 2370	Digital Art	3
ARTS 2375	Typography	3
ARTS 3355	Graphic Design History	3
ARTS 3370	Graphic Design I	3
	One of the following	
ARTS 4370	Interactive Design	3
ARTS 3375	Graphic Design II	3

Music

Dr. Evan Campbell, Chairperson

Purpose

UMHB Music Department educates and prepares student-musicians for lives of Christian service and contribution to the art as music educators, performers, church musicians, business leaders, and scholars; provides and nurtures a core of musical life for society at large; and educates the overall university (faculty, staff, and students) regarding music's intrinsic value as a part of the human experience and the enrichment of the human spirit.

All musicians, whether performers, scholars, or teachers, share common professional needs. Every musician, to some extent, must be a performer, a listener, a historian, a composer, a theorist, and a teacher. For this reason, certain subject matter and learning processes are common to all baccalaureate degrees in Music. UMHB's undergraduate music curriculum provides the following:

1. A conceptual understanding of such musical properties as sound, rhythm, melody, harmony, texture, and form and opportunities for developing a comprehensive grasp of their interrelationships as they form the cognitive-affective basis for listening, composing, and performing.
2. Repeated opportunities for enacting, in a variety of ways, the roles of listener (analysis), performer (interpretation), composer (creation), and scholar (research).
3. A diverse repertory for study that embraces a variety of cultures and historical periods.

UMHB is accredited by the National Association of Schools of Music and is a member of the Texas Association of Music Schools.

General Information

- No music course in which a grade lower than "C" was obtained will count toward fulfillment of a major or minor in Music.
- Performance majors must earn a "B" or above in their applied area.
- Students pursuing teacher certifications in music must meet all guidelines for the Educator Preparation

Program and the state of Texas (see College of Education section of this catalog) including assessment, field hours, and grade point requirements.

Admission to the Program

Auditions are required for acceptance into the Music Department. Admission to UMHB does not constitute automatic acceptance into the Music Department. All music majors and minors must meet the following requirements:

* Admission to UMHB

* Completed music application

* Formal audition for the music faculty

Following each audition, the music faculty will determine if the candidate meets UMHB Music Department standards for acceptance. Transfer students must be accepted into the music program, regardless of transfer credits or classification.

The University establishes requirements for admission to its music programs in conformity with the published regulations and standards of the National Association of Schools of Music.

Transfer Credit

Credit Requirements for Transfer Students (For general institutional information regarding transfer of courses, see the Registration Policy and Procedures section of this catalog.) Transfer music majors or minors must meet all **Admission to the Program** requirements (see above). Placement in UMHB music courses is determined by:

- An audition before the music faculty; and
- Placement Exams; and
- If deficiencies are revealed, the student will be required to take courses at their demonstrated academic or performance level including the **Piano Proficiency (MUAP 2005) and Applied Principal Proficiency (MUAP 20XX)**.
- Credit for music courses from other institutions may be accepted with a minimum grade of "C".
- In no instance may lower level (1000-2000) courses equate to or substitute for UMHB *upper level (3000-4000) courses.*

Music Scholarships

Music applicants must audition/interview for the Music Department faculty in the area in which they wish to concentrate. This audition/interview will be the basis for admittance to the Music Department and scholarship consideration.

Scholarship renewal for returning students is contingent upon grades, applied performance, and recommendation of the music faculty. Students who have not maintained an overall 3.0 grade point average will be given a semester to demonstrate progress toward improving their grade point average. Students who fail to demonstrate progress toward improving their grade point average during this semester may forfeit their music scholarship. Students who earn less than a B in their principal applied study may lose their music scholarship.

Scholarships are available for up to eight semesters. Requests for continuation of scholarship past eight semesters will be considered on a case-by-case basis by the music faculty.

All scholarship recipients must sign a Scholarship Acceptance Agreement and return it to the Music Department (music@umhb.edu).

Ensembles

Music majors and minors are required to enroll for credit in music ensembles. Ensemble placement is determined by ensemble auditions.

Recitals and Concerts (MUAP 1000 – Performance Lab)

All music majors and minors must attend at least 20 concerts/recitals per semester. Students must register for MUAP 1000 Performance Lab to receive credit for attendance. See respective syllabi for further information.

Failure to complete all Performance Lab requirements will delay graduation.

Level I and Level II Recitals

A thirty-minute Level I Solo Recital (MUSI 3000) is required of all BA in Music, BM in Music Education, BM in Church Music and BM in Performance majors. BM in Performance Majors must also present a forty-five minute Level II Recital (MUSI 4000). BS Music with Emphasis in Performance Majors must present a Level II Recital (MUSI 4000). BM in Music Education majors must present a Level I Recital before the semester of Student Teaching.

Applied Music (Individual Instruction)

Applied music instruction is intended for music majors and minors. Non-majors wishing to enroll in applied lessons must seek approval from the Music Department Chair.

Applied music tuition and fees are found in the Financial Information section of this catalog.

UMHB offers applied study in voice, piano, guitar, woodwinds, brass, and percussion.

One 30-minute lesson per week is taught for each semester-hour credit. Thus, two hours of semester credit equals one hour of private instruction per week and three hours of semester credit equates to 90 minutes of instruction each week.

CHURCH MUSIC B.M.

127 MINIMUM HOURS
36 UPPER LEVEL HOURS
32 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

See Bachelor of Music Degree - Academic Core (p. 81) for Church Music Major

Music Foundation – 32 hours

MUSI 1113	Class Guitar I	1
MUSI 1119	Class Guitar II	1
MUSI 1120	Introduction to Music Technology	1
MUSI 1131	Aural Skills I	1
MUSI 1132	Aural Skills II	1
MUSI 1331	Theory I	3
MUSI 1332	Theory II	3
MUSI 2131	Aural Skills III	1
MUSI 2132	Aural Skills IV	1
MUSI 2265	Introduction to Conducting	2
MUSI 2240	Rehearsal Techniques for Worship Bands	2
MUSI 2331	Theory III	3
MUSI 2332	Theory IV	3
MUSI 2352	Music History I	3
MUSI 3353	Music History II	3
MUSI 3365	Advanced Choral Conducting	3
MUSI 2000	Sophomore Review	0
MUAP 200X	Applied Music Proficiency - Principal	0
MUAP 200X	Applied Music Proficiency - Secondary	0
MUAP 3000	Level 1 Recital	0

MUSI 200x: Piano unless Piano is Principal - No hours required, but the student must be enrolled until proficiency is complete

Applied Music Principal –12 hours

Music Ensembles – 8 hours

See ensemble audition requirements.

Performance Lab: 8 semesters

Major – 29 hours

CSMN 1320	Introduction to Christian Ministry	3
MUSI 1180	Church Music Internship	1
MUSI 2310	Worship Ministry in the Local Church	3
MUSI 3180	Church Music Internship	1
MUSI 3335	Technology for Worship Ministry	3
MUSI 3336	Advanced Music Technology	3
MUSI 3344	History of Church Music and Worship	3
MUSI 3381	The Songs of Worship	3
MUSI 4310	Philosophy of Church Music and Worship	3
MUSI 4341	Worship Design	3
MUSI 4395	Recording Arts	3

Vocalists take two semesters of either:

MUAP 1105	Applied Music-Piano	1
MUAP 1103	Applied Music-Guitar	1

Keyboardists and Instrumentalists take the following:

MUAP 1107	Applied Music-Vocal	1
MUAP 1107	Applied Music-Vocal	1

MUSIC EDUCATION B.M.

Instrumental Track – 131 hours

131 MINIMUM HOURS
36 UPPER LEVEL HOURS
34 HOURS AT UMHB

Choral Track – 134 hours

134 MINIMUM HOURS
36 UPPER LEVEL HOURS
34 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

See Bachelor of Music Degree Academic Core for Music Education Major (p. 81)

Music Foundation – 27 hours

MUSI 1120	Introduction to Music Technology	1
MUSI 1131	Aural Skills I	1
MUSI 1132	Aural Skills II	1
MUSI 1331	Theory I	3
MUSI 1332	Theory II	3
MUSI 2131	Aural Skills III	1
MUSI 2132	Aural Skills IV	1
MUSI 2265	Introduction to Conducting	2
MUSI 2331	Theory III	3
MUSI 2332	Theory IV	3
MUSI 2352	Music History I	3
MUSI 3353	Music History II	3
MUAP 2005	Piano Proficiency Exam	0
MUAP 200X	Applied Music Proficiency	
MUAP 3000	Level 1 Recital	0
MUSI 4223	Orchestration Form and Analysis	2

Ensembles: 7 hours

Performance Lab: 7 semesters

Piano Proficiency - 4 hours

MUSI 1115	Class Piano I	1
MUSI 1116	Class Piano II	1
MUSI 2115	Class Piano III	1
MUSI 2116	Class Piano IV	1

Select one Track

Major (Choral Track) – 21 hours

MUSI 1219	Vocal Diction I	2
MUSI 1220	Vocal Diction II	2
MUSI 2268	Introduction to Music Education	2
MUSI 3361	Elementary Music	3

MUSI 3362	Secondary Choral Methods	3
MUSI 3363	Choral Literature	3
MUSI 3365	Advanced Choral Conducting	3
MUSI 3377	Vocal Pedagogy	3
MUSI 4006	TExES Review	0

Plus

Applied Music Principal - 14 hours

Major (Instrumental Track) – 18 hours

MUSI 1160	Class Brass	1
MUSI 1162	Class Strings	1
MUSI 1166	Class Percussion	1
MUSI 1168	Class Woodwind	1
MUSI 2268	Introduction to Music Education	2
MUSI 3361	Elementary Music	3
MUSI 3364	Band and Orchestra Literature	3
MUSI 3367	Advanced Instrumental Conducting	3
MUSI 3368	Secondary Instrumental Methods	3
MUSI 4006	TExES Review	0

Plus

Applied Music Principal: 12 hours

Applied Music Secondary: 2 hours

Professional Development – 21 hours

EDUC 3315	Students and Learning	3
EDUC 4324	Classroom Management	3
READ 4326	Disciplinary Literacy	3
EDUC 4501	Student Teaching I	5
EDUC 4502	Student Teaching II	5
EDUC 4250	Certification Preparation Seminar	2

No grade lower than a "C" will count towards fulfillment of Music major requirements

MUSIC PERFORMANCE B.M.

128 MINIMUM HOURS
36 UPPER LEVEL HOURS
32 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 40 hours

See Bachelor of Music Degree Academic Core for Performance Major (p. 81)

Music Foundation – 27 hours

MUSI 1120	Introduction to Music Technology	1
MUSI 1131	Aural Skills I	1
MUSI 1132	Aural Skills II	1
MUSI 1331	Theory I	3
MUSI 1332	Theory II	3
MUSI 2131	Aural Skills III	1
MUSI 2132	Aural Skills IV	1
MUSI 2265	Introduction to Conducting	2
MUSI 2331	Theory III	3
MUSI 2332	Theory IV	3
MUSI 2352	Music History I	3
MUSI 3353	Music History II	3
MUAP 2007	Vocal Proficiency Exam	0
MUAP 2005	Piano Proficiency Exam	0
MUAP 3000	Level 1 Recital	0
MUAP 4000	Level 2 Recital	0
MUSI 4223	Orchestration Form and Analysis	2

Applied Voice – 22 hours

Ensembles – 14 hours

See ensemble audition requirements.

Performance Lab: 8 semesters

Piano Proficiency - 4 hours

MUSI 1115	Class Piano I	1
MUSI 1116	Class Piano II	1
MUSI 2115	Class Piano III	1
MUSI 2116	Class Piano IV	1

Major (Voice) – 13 hours

MUSI 1219	Vocal Diction I	2
MUSI 1220	Vocal Diction II	2
MUSI 3370	Advanced Diction	3
MUSI 3377	Vocal Pedagogy	3
MUSI 4355	Vocal Literature	3

No grade lower than a "C" will count towards fulfillment of Music major requirements.

Minimum credit hours for this degree: 120

MUSIC B.A.

120 MINIMUM HOURS
30 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 60 hours

See Bachelor of Arts Academic Core (p. 76)

MUSI 2358 will fulfill World Cultures

Music Major – 47 hours

MUSI 1131	Aural Skills I	1
MUSI 1132	Aural Skills II	1
MUSI 1331	Theory I	3
MUSI 1332	Theory II	3
MUSI 2131	Aural Skills III	1
MUSI 2265	Introduction to Conducting	2
MUSI 2331	Theory III	3
MUSI 2352	Music History I	3
MUSI 3353	Music History II	3
MUSI 4223	Orchestration Form and Analysis	2
MUAP 200X	Applied Music Proficiency	
MUAP 3000	Level 1 Recital	0

Applied Music Principal – 10 hours

Applied Music Secondary – 2 hours

Ensembles – 6 hours

Performance Lab – 6 semesters

Music Electives – 7 hours

Electives

to complete 120 hours and 30 upper level hours

No grade lower than a "C" will count towards fulfillment of Music major requirements.

MUSIC B.S. - EMPHASIS IN MUSIC BUSINESS

120 MINIMUM HOURS
36 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core – 49-54 hours

See Bachelor of Science Degree - Academic Core (p. 81)

MUSI 2358 will fulfill *World Cultures*

MUSI 4385 will fulfill *Research Methods/Internship*

Music Foundations - 35 hours

MUSI 1115	Class Piano I	1
MUSI 1116	Class Piano II	1
MUSI 1113	Class Guitar I	1
MUSI 1119	Class Guitar II	1
MUAP	Applied Music	4
MUEN	Ensembles	4
MUSI 1331	Theory I	3
MUSI 1332	Theory II	3
MUSI 1131	Aural Skills I	1
MUSI 1132	Aural Skills II	1
MUSI 1120	Introduction to Music Technology	1
MUSI 3356	American Music History and Literature	3
MUSI 2360	History of Rock Music	3
MUSI 2334	Applications in Commercial Music Theory	3
MUSI 3353	Music History II	3
MUSI 2265	Introduction to Conducting	2

Music Business - 12 hours

MUSI 4370	Survey of Music Business	3
MUSI 3336	Advanced Music Technology	3
MUSI 4395	Recording Arts	3
MUSI 4385	Music Business Senior Project	3

Business - 18 hours

BADM 1301	Introduction to Business	3
BENT 3310	Introduction to Entrepreneurship	3
BACC 3327	Small Business Accounting	3
BADM 2311	Personal Financial Planning	3
BMGT 3360	Entrepreneurial Management	3
BMGT 4322	Small Business Management	3

Electives to complete 120 hours and 30 upper level hours

MUSIC B.S. - EMPHASIS IN PERFORMANCE

DEGREE REQUIREMENTS

Academic Core - 46 hours

See Bachelor of Science Degree - Academic Core (p. 81)

(p. 81)MUSI 2358 will fulfill *World Cultures*

MUSI 4210 will fulfill *Research Methods or Internship*

Music Foundations - 21 hours

MUSI 1331	Theory I	3
MUSI 1332	Theory II	3
MUSI 2331	Theory III	3
MUSI 1131	Aural Skills I	1
MUSI 1132	Aural Skills II	1
MUSI 2131	Aural Skills III	1
MUSI 2352	Music History I	3
MUSI 3353	Music History II	3
MUSI 4223	Orchestration Form and Analysis	2
MUSI 1120	Introduction to Music Technology	1

Applied Music Performance - 21 hours

	Applied Music Principal (14)	14
	Ensembles (7)	7
MUAP 1000	Performance Lab	0
MUAP 4000	Level 2 Recital	0

Performance Lab (7 semesters)

Track Specific Requirements

Piano

	Music Electives (7)	7
	Applied Piano Proficiency	0

Instrumental

	Applied Piano Secondary (2)	2
	Music Electives (5)	5

Vocal

	Applied Piano Secondary (2)	2
MUSI 1219	Vocal Diction I	2
	Music Electives (3)	3

Electives to complete 120 hours and 30 upper level hours

MUSIC B.S. - EMPHASIS IN WORSHIP TECHNOLOGY

120 MINIMUM HOURS
30 UPPER LEVEL HOURS
30 HOURS AT UMHB

DEGREE REQUIREMENTS

Academic Core - 46 hours

See Bachelor of Science Degree - Academic Core (p. 81)

MUSI 2358 will fulfill *World Cultures*

MUSI 1180 and MUSI 3180 will fulfill *Research Methods/Internship*

Music Foundations - 32 hours

MUSI 1115	Class Piano I	1
MUSI 1116	Class Piano II	1
MUSI 1113	Class Guitar I	1
MUSI 1119	Class Guitar II	1
MUAP	Applied Music	4
MUEN	Ensembles	4
MUSI 1331	Theory I	3
MUSI 1332	Theory II	3
MUSI 1131	Aural Skills I	1
MUSI 1132	Aural Skills II	1
MUSI 1120	Introduction to Music Technology	1
MUSI 2265	Introduction to Conducting	2
MUSI 2334	Applications in Commercial Music Theory	3
MUSI 3353	Music History II	3
MUSI 3344	History of Church Music and Worship	3

Church Music-Technology Foundation - 33 hours

CSMN 1320	Introduction to Christian Ministry	3
MUSI 2310	Worship Ministry in the Local Church	3
BCIS 2318	Introduction to Web Site Design	3
BCIS 3335	Digital Video Editing	3
BCIS 3311	Social Media	3
MUSI 3335	Technology for Worship Ministry	3
MUSI 3336	Advanced Music Technology	3
MUSI 3381	The Songs of Worship	3
MUSI 4310	Philosophy of Church Music and Worship	3
MUSI 4341	Worship Design	3
MUSI 4395	Recording Arts	3

Electives to complete 120 hours and 30 upper level hours

MUSIC MINOR-18 HOURS

DEGREE REQUIREMENTS

Music Foundation: 7 hours

MUSI 1131	Aural Skills I	1
MUSI 1331	Theory I	3
MUSI 3353	Music History II	3

Applied Principal: 4 credit hours

Ensembles: 4 credit hours

Performance Lab: 2 semesters

3 hours of electives

Any music course based upon meeting the prerequisite.

CHURCH MUSIC MINOR - 18 HOURS

DEGREE REQUIREMENTS

Music Foundation - 7 hours

MUSI 1131	Aural Skills I	1
MUSI 1331	Theory I	3
MUSI 3344	History of Church Music and Worship	3

Applied Principal-3 credit hours

Performance Lab: 2 semesters

Ensembles- 2 credit hours

Church Music- 6 hours

MUSI 2310	Worship Ministry in the Local Church	3
	One Upper Level Church Music Elective	3
MUSI 3335	Technology for Worship Ministry	3
MUSI 3381	The Songs of Worship	3
MUSI 4310	Philosophy of Church Music and Worship	3
	or	
MUSI 4341	Worship Design	3

Minors

ART HISTORY MINOR

Art History Minor (p. 164)

ART MINOR

Art Minor (p. 164)

CHURCH MUSIC MINOR

GRAPHIC DESIGN MINOR

Graphic Design Minor (p. 164)

MUSIC MINOR

Music Minor (p. 169)

THEATRE MINOR

Theatre Minor (p. 161)

INTERDISCIPLINARY PROGRAMS AND ACADEMIC RESOURCES

(p. 170)

BACHELOR OF INTERDISCIPLINARY STUDIES DEGREE

The Bachelor of Interdisciplinary Studies is designed for individuals who are currently employed in or who wish to be employed in fields that do not require a degree in a specific subject area. It is also an appropriate program for persons who desire a degree only for purposes of personal enrichment.

To receive a Bachelor of Interdisciplinary Studies degree, a student must fulfill the following course requirements:

DEGREE REQUIREMENTS

A. Core Courses - 46 hours

Capstone (determined by concentrations)

BGST 4001	General Studies Capstone	0

Christian Studies - 6 hours

CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3

English - 9 hours

ENGL 1321	Rhetoric & Composition I	3
ENGL 1322	Rhetoric & Composition II	3
ENGL	Literature	3

A grade of a "C" or higher must be obtained in ENGL 1321 and ENGL 1322.

Exercise & Sport Science - 2 activity courses

Fine Arts - 3 hours

ARTS 1310	Drawing I	3
ARTS 1320	Design	3
ARTS 1350	Art Appreciation	3
ARTS 2360	Ceramics I	3
COMM 2335	Film Appreciation	3
FINA 2330	Exploring the Fine Arts	3
MUSI 1340	Music Appreciation	3
THEA 2350	Theatre Appreciation	3

World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
PHIL 2315	Introduction to Philosophy	3
HUMA 2355	Foundations of the Humanities	3

Lab Science - 4 hours

see full Lab Science list at Laboratory Sciences (p. 75)

Public Speaking - 3 hours

COMM 1320	Public Speaking	3

Mathematics - 3 hours

MATH 1304	Survey of Mathematics	3
	or	
	higher	

Literature or Humanities - 3 hours

HUMA X3XX	Humanities	3
ENGL 23XX	Literature	3

Social Science - 3 hours

BECO 2311	Principles of Macroeconomics	3
EDUC 2399	Child and Adolescent Development	3
PSYC 1301	General Psychology	3
SOCI 1311	Introduction to Sociology	3
SOCW 2311	Introduction to Social Work	3

US History or US Government - 3 hours

HIST 2311	American History to 1877	3
HIST 2311	American History to 1877	3
POLS 2305	United States Government	3
POLS 2306	Texas State and Local Government	3

Philosophy or World Cultures - 3 hours

ARTS 2354	World Art	3
EXSS 2353	Lifespan Nutrition	3
GLBL 2310	Cultural Immersion	3
HIST 1311	History of World Civilizations to 1500	3
HIST 1312	History of World Civilizations since 1500	3
HIST 2350	An Introduction to the Politics and Culture of Ancient Greece and Rome	3
MUSI 2358	World Music	3
HUMA 2355	Foundations of the Humanities	3
	any Philosophy course	

Chapel - 1 to 4 credits

UMHB 1002	Chapel	0

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005	Fine Arts Experience	0

UMHB 1005: credits determined by admission classification

First Year Seminar - 1 hour

UMHB 1101	First Year Seminar	1

UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

B. Two Concentrations - 48 hours

Each Concentration must have:

24 hours chosen from one college. "College" refers to Business, Christian Studies, Education, Exercise Science, Humanities (Communications, English, History, Political Science, Spanish), Nursing (only if the student is coming from Nursing with sufficient hours), Science (natural sciences and social sciences—Criminal Justice, Psychology, Social Work, Sociology), Visual and Performing Arts

12 hours upper-level

12 hours at UMHB, 6 of which must be upper-level

Associate degree academic or technical fields (excluding General Studies) may be a concentration

Courses in the general education core will not also count towards hours in the concentration

Courses from the College of Humanities and Sciences may be separated into a Concentration in Humanities and/or a Concentration in Sciences.

C. Electives - as needed to bring total to 120 hours

University Honors Program

The Honors Program at UMHB offers students a chance to cultivate their intellectual curiosity and social awareness. The program encourages students to investigate relevant moral and ethical systems and to enhance aesthetic awareness. Through an interdisciplinary approach, the Honors Program also attempts to give students an understanding of the relationships that unite all scholarly disciplines.

The Honors Program encourages students to begin a lifelong journey of understanding who they are and what it means to live a good life. Perhaps the greatest benefit to the honors student is the chance to become a part of a larger community in which academic curiosity is seen as normal and necessary.

UNIVERSITY HONORS PROGRAM

Students who aspire to graduate with honors from the University of Mary Hardin-Baylor without participation in the University Honors Program must complete a minimum of 60 hours in residence at UMHB and maintain a cumulative grade point average of 3.6000 to 3.7499 for **cum laude** designation, a cumulative grade point average of 3.7500 to 3.8999 for **magna cum laude** designation, or a cumulative grade point average of 3.9000 or better for **summa cum laude** designation. Otherwise, students aspiring to graduate with honors from UMHB must participate in the University Honors Program as described here.

Purpose

The purpose of the University Honors Program is to stimulate intellectual curiosity and social awareness, to investigate relevant moral and ethical systems, and to enhance aesthetic awareness. Through an interdisciplinary approach, the University Honors Program also attempts to give students an understanding of the relationships which unite all scholarly disciplines.

Administration

The Honors Committee composed of faculty members administer the University Honors Program in coordination with the Honors Program Director and Assistant Director.

Admissions Requirements

A student may enter the University Honors Program at two different points of his or her UMHB academic career.

1. Students may apply for the lower division Honors Program if they have an ACT Composite Score of 25 or SAT Composite Score of 1200, and be in the top 15% of their graduating class. Priority consideration will be given to those with an ACT Composite Score of 27 or SAT Composite Score of 1280 and in the top 10% of graduating class. Application deadline is April 1. Acceptance into the program allows the student to take any of the designated lower division honor courses for credit toward a degree and for honors credit toward University Honors at graduation.
2. A student may apply for the upper division University Honors Program any time after completing 60 semester hours (must include a minimum of 12 semester hours at UMHB) and maintaining a GPA of 3.50 or higher.
3. Students may also enter the University Honors Program at the invitation of the Honors Committee.

Admission Procedure

Students who are eligible to participate in the lower division University Honors Program are typically invited to apply during the general admissions process. Others may initiate the application if they meet the admissions requirements.

Students wishing to participate in the upper division University Honors Program will submit the following to the Honors Program Director for approval.

1. A written application for admission
2. A written recommendation by a faculty member
3. A conference with the Honors Committee (if required by the committee)

Scholarships

A limited number of Honors Program scholarships will be awarded on a competitive basis each academic year. The scholarships will be renewable for up to two years and will

be awarded to assist students in completing the requirements of the upper-level honors program.

The following criteria will be followed in determining scholarship recipients:

- Membership in the Honors Program and a 3.5 G.P.A. or higher
- Completion of 60 hours or junior standing by the fall semester
- Preference will be given to applicants that have completed all of the requirements of the lower-level program
- G.P.A., personal statement, and program participation (both academic and non-academic) will be evaluated
- The faculty reference may be contacted to provide information about student's academic performance and other qualifications

If a scholarship is awarded and accepted, the student will agree to:

- register for and complete HNRS 3110, 3120, 4010,4020, and any required contract courses, and complete and submit a senior honors project application during the junior year;
- complete and submit a senior honors project prospectus and present senior honors project research during the senior year; and
- participate in Honors Program events and activities.

PROGRAM REQUIREMENTS

The University Honors Program is administered at two levels: lower division and upper division.

I. Lower Division Requirements:

a. Students must take the following courses during their freshman and/or sophomore years:

UMHB 1101	First Year Seminar	1
CSBS 1311	Engaging the Old Testament	3
	or	
CSBS 1312	Engaging the New Testament	3

All sections must be Honors.

b. Plus, two of the following must be taken during the freshman and/or sophomore years:

HIST 1311	History of World Civilizations to 1500	3
PSYC 1301	General Psychology	3
CSBS 1311	Engaging the Old Testament	3
	or	
CSBS 1312	Engaging the New Testament	3
ENGL 2380	Honors Literature	3

c. One general education class contracted as an honors class must be taken during the first two years of student enrollment.

II. Upper Division Requirements:

Students must:

a. Successfully complete both HNRS 3110, 3120, 4010 and 4020.

HNRS 3110	Honors Seminar	1
HNRS 3120	Honors Seminar	1
HNRS 4010	Honors Research I	0
HNRS 4020	Honors Research II	0

b. Students who complete all the lower-level requirements must contract one course in their majors. Students who do not participate in the lower-level program must contract their courses in their majors.

c. Honors students who have maintained at least a 3.5 G.P.A. and who aspire to graduate magna cum laude or summa cum laude through participation in the Honors Program must undertake a senior research project in his or her major subject or teaching field.

The project is carried out under the direction of a faculty member conversant with the topic under investigation. When completed, the research project will be submitted to a committee composed of the members of the University Honors Committee and the supervising faculty member. In addition, the student will present the paper orally to the same committee and other faculty wishing to attend. The student will receive three hours credit in his or her major subject or teaching field for the research project, if he or she enrolls in an Independent Study course or a Research course.

HONORS (HNRS) COURSES

I. Lower Division Courses:

UMHB 1101	First Year Seminar	1
CSBS 1311	Engaging the Old Testament	3
CSBS 1312	Engaging the New Testament	3
ENGL 2380	Honors Literature	3
HIST 1311	History of World Civilizations to 1500	3
PSYC 1301	General Psychology	3

HNRS 2310-H and HNRS 2320-H: Students may take HNRS 2310 for Social Studies credit. Students may take HNRS 2320 for Humanities credit.

II. Upper Division Courses

HNRS 3110	Honors Seminar	1
HNRS 3120	Honors Seminar	1
HNRS 4010	Honors Research I	0
HNRS 4020	Honors Research II	0

HNRS 3110 Content of the senior seminar will vary to include (but not limited to) historical perspectives and contemporary social issues, great works of literature, philosophy, and theory of science. Students will be responsible for guiding the discussion in most meetings.

Emphasis will be placed on analysis, interpretation, and application to living and thinking in the world today.

HNRS 3120: Seminar designed to expose students to some of the major challenges facing humanity as a whole and the student as an individual. One of the primary course objectives is the exploration of the tensions and possibility that exist for Christian faith and values in the society permeated with individualism, materialism, and despair. Deals with moral philosophy in the context of the development of a Christian world view and its application to the students' vocation by considering specific social issues and moral problems from the vantage point of individual ethics and responsibility.

HNRS 4010: Honors Research I This course is designed to provide guidance to upper-level honors students undertaking the senior honors project. Requirements include attendance at relevant honors research sessions and submission of a successful senior honors project application. Upper-level honors students must enroll in this course during the second semester of their junior year.

HNRS 4020: Honors Research II This course is designed to provide guidance to upper-level honors students undertaking the senior honors project. Requirements include attendance at relevant honors research sessions and submission of a successful senior honors project prospectus. Upper-level honors students must enroll in this course during the first semester of their senior year.

Honors Program Probation and Withdrawal

Transcripts of UMHB Honors students will be evaluated at the end of each academic year. Honors students must maintain a 3.5 cumulative G.P.A. to remain in good standing. Students that fall below a 3.5, but not below a 3.0, will be placed on probation. Probation status may be extended up to one year during which time a student may continue to participate in the Honors Program. Students on Honors Program probation must raise their G.P.A.'s to at least a 3.5 by the end of the probation period. Otherwise, they will be automatically withdrawn from the program.

Students whose G.P.A.'s fall below a 3.0 will be automatically withdrawn from the program.

Reinstatement

Students that have been withdrawn from the Honors Program may submit a formal written petition for readmission to the program director. The petition, which must include an explanation and rationale for reinstatement, will be considered once the student achieves at least one semester of 3.5 or higher academic work.

Recognition

Any student, who has successfully completed the requirements for three designated honors courses in his or her major subject (or the equivalent), HNRS 3110, 3120, 4010, 4020, and who has maintained a cumulative grade point average of 3.50 or higher will graduate from Mary Hardin-Baylor **cum laude**. Any student, who aspires to graduate **magna cum laude** or **summa cum laude** through the Honors Program and who has maintained a cumulative grade point average of at least 3.50, must complete a senior research project. The level of recognition awarded a student aspiring to graduate **magna cum laude** or **summa cum laude** will be determined by the University Honors Committee, based upon the evaluations of the student's performance in the honors seminar, the quality of the senior research project, the student's final grade point average, and an evaluation of the student by the faculty in his/her major.

For more information, contact:

Director

Study Abroad Programs

UMHB has made a strong commitment to create study abroad programs with opportunities that are feasible for most students. Opportunities to study abroad are offered by UMHB colleges and departments and also by academic partners such as the Consortium for Global Education and the Coalition of Christian Colleges and Universities.

UMHB's flagship study abroad opportunity is the spring semester London Studies Program. The majority of study abroad opportunities are faculty-led and range from a course-related trip of one week to a month-long summer program. Some of the countries on recent study abroad itineraries include Morocco, China, Israel, Italy, Taiwan, Thailand, Spain, Costa Rica, Panama, France, United Kingdom, and Ecuador.

The University is committed to providing some opportunity to study abroad to nearly all students, including students with disabilities who are otherwise qualified to participate. The availability of accessible facilities and cultural attitudes about accommodating disabilities vary greatly from country to country. Some programs, by their very nature, require specific skills or the ability to perform certain physical tasks. Students should always carefully investigate the location and nature of a particular study abroad program to make sure that they are qualified to undertake that experience and that any necessary accommodations on the basis of disability will be available. It is the student's responsibility to request an accommodation on the basis of a disability by contacting Student Disability Services at disabilityservices@umhb.edu.

Study abroad experiences in certain countries can also present challenging new experiences. In some cultures, relationships between men and women are very different from what students are accustomed to at home, and students may experience attitudes which they consider sexist or demeaning. While most students report very

positive experiences while studying abroad, learning about the culture and knowing what to expect in a particular country will help every student get the most out of his or her international experience.

For more information about current UMHB Study Abroad opportunities, please visit our website.

London Studies

The *London Studies Program* provides an exciting opportunity for students to live and study in the heart of London, England. The program is operated in partnership with Hardin-Simmons University with both schools sending students and faculty for a three-month intensive study experience during the Spring semester. Local British faculty participate to give students the benefit of native knowledge of life and culture in England. Participants and faculty live in a residence hotel and/or apartments. Costs of the program include up to sixteen hours of tuition, room and board, London travel cards good for underground and city bus travel, field trips, theater and museum tickets, as well as a coach tour of northern England, Scotland, and Wales.

LONDON STUDIES PROGRAM

PROGRAM OFFERINGS

Courses

ARTS 1350	Art Appreciation	3
HIST 4391	British Life and Culture	3
THEA 4391	London Theatre	3
UMHB 1002	Chapel	0
UMHB 1005	Fine Arts Experience	0
	Two courses offered by the UMHB faculty representative	
	Two courses offered by the HSU faculty representative	

Selection Criteria:

Each university will select up to ten students to participate in the Program. The participants will be selected on the basis of the following criteria:

1. Classification: Must be a sophomore or higher in classification and have completed at least one semester of residence at UMHB.
2. A cumulative G.P.A. of 2.5 or higher.
3. Evaluations of two faculty members.
4. Other academic and college achievements.

For more information, contact:
Dr. Laura Bedwell, Coordinator

UNDERGRADUATE COURSE DESCRIPTIONS

Ad Interim Courses

Departments may offer courses ad interim upon approval of the respective department chair, associate dean, and/or dean. These courses may include Selected Topics, Seminars, Special Problems, Special Studies, Special Topics, etc. as well as Independent Learning, Independent Research, Independent Study(ies), etc.

Selected Topics, Seminars, Special Problems, Special Studies, Special Topics, and other courses of this type may be offered to provide content of particular interest, importance, relevance, etc. Such courses may be offered ad interim twice. Once courses of this type have been offered twice, departments must obtain official approval of subsequent offerings via submission of curriculum change proposals for new courses. Courses of this type are generally offered due to some unusual circumstance; they are scheduled like typical courses and intended for general enrollment.

Independent Learning, Independent Research, Independent Study(ies), and other courses of this type may be offered to enable enrollment of a single student in an officially approved course or to provide individualized content. Courses of this type are not intended for general enrollment and usually meet apart from the standard weekly class schedule. Independent study is typically approved only for students of high achievement (generally requiring a cumulative GPA of 3.0 or higher) and motivation, inasmuch as it requires more time, concentration, and initiative for successful completion. A course in which a student has previously earned a grade of a "D" or "F generally may not be repeated through independent study, unless the course in question is only offered through independent study or approved by the Dean of the College which provides the course. A course that is being offered during a particular semester cannot normally be taken by independent study.

Any officially approved course prefixes (ARTS, BMGT, CSBS, ENGL, MATH, NURS, READ, etc.) may be selected. The courses may be offered at any level (0=developmental, 1=freshman, 2=sophomore, 3=junior, 4=senior, etc.) and for any number of semester credit hours ranging from 0 to 9.

The placeholder for Topics courses offered ad interim is XXXX XX9X: course prefix, course level, semester credit hours, and a two digit number to signify the temporary status of the course (90, 91, 99, etc.). Examples of course numbers for non-singular enrollment ad interim courses include BIOL 4090-01; ENGL 0191-01; EXSS 2391-01; and NURS 3691-01.

Courses which are offered as an independent study to a single student will be offered as their officially approved course numbers, but the section number will be "IS." Examples of numbers for courses of this type include BFIN 4345-IS; MUSI 3289-IS; and PHIL 2315-IS.

Courses offered ad interim are subject to all applicable tuition and fee charges.

AERO - Aerospace Studies

AERO 1101 - Heritage and Values I (1)

A survey course designed to introduce students to general aspects of the U.S. Department of the Air Force, AF Leadership, AF benefits, and opportunities for AF officers. The course also lays the foundation for becoming an Airman by outlining our heritage and values. The application of professional communication skills is included. Laboratory (AERO 1111) required for AFROTC students.

Distribution: Aerospace.

AERO 1102 - Heritage and Values II (1)

A continuation of AERO 1101. A survey course designed to provide students with a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower. As a whole, this course provides students with a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective. Laboratory (AERO 1112) required for AFROTC students.

Distribution: Aerospace.

AERO 1111 - Leadership Laboratory (1)

A study of Air Force customs and courtesies, drill and ceremonies, career opportunities in the Air Force, and the life and work of an Air Force commissioned officers. Field trips to Air Force installations may be included when funding permits. Physical training and fitness evaluations are required. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop leadership potential. Corequisite: Concurrent enrollment in AERO 1101.

Distribution: Aerospace.

AERO 1112 - Leadership Laboratory (1)

A continuation of AERO 1111. Corequisite: Concurrent enrollment in AERO 1102.

Distribution: Aerospace.

AERO 2101 - Team and Leadership Fundamentals I (1)

A survey course requiring students to apply leadership perspectives when completing team building activities and discussing topics like listening, followership, full range leadership, problem solving, and standards and accountability. The application of professional communication skills is included. Laboratory (AERO 2111) required for AFROTC students.

Distribution: Aerospace.

AERO 2102 - Team and Leadership Fundamentals II (1)

A continuation of AERO 2101. The course requires students to apply leadership perspectives when completing team building activities and discussing topics like conflict management, human relations, and ethical decision-making. The application of professional communication skills is included. Laboratory (AERO 2112) required for AFROTC students.

Distribution: Aerospace.

AERO 2111 - Leadership Laboratory (1)

A continuation of AERO 1112. Corequisite: Concurrent enrollment in AERO 2101.

Distribution: Aerospace.

AERO 2112 - Leadership Laboratory (1)

A continuation of AERO 2111. Corequisite: Concurrent enrollment in AERO 2102.

Distribution: Aerospace.

AERO 3111 - Leadership Laboratory (1)

A continuation of AERO 2111. Corequisite: Concurrent enrollment in AERO 3301.

Distribution: Aerospace.

AERO 3112 - Leadership Laboratory (1)

A continuation of AERO 3111. Corequisite: Concurrent enrollment in AERO 3302.

Distribution: Aerospace.

AERO 3301 - Leading People and Effective Communication I (3)

A study of advanced skills and knowledge in management and leadership. Special emphasis is placed on effectively leading people and learning tools to apply in AERO 3111. The application of professional communication skills is included. Corequisite: Concurrent laboratory AERO (3111) enrollment required for AFROTC students.

Distribution: Aerospace.

AERO 3302 - Leading People and Effective Communication II (3)

A continuation of AERO 3301. The course continues into advanced leadership skills and ethics training with the goal of preparing students for officership and supervision. Corequisite: Concurrent laboratory AERO (3111) enrollment required for AFROTC students.

Distribution: Aerospace.

AERO 4111 - Leadership Laboratory (1)

A continuation of AERO 3112. Corequisite: Concurrent enrollment in AERO 4301.

Distribution: Aerospace.

AERO 4112 - Leadership Laboratory (1)

A continuation of AERO 4001. Corequisite: Concurrent enrollment in AERO 4302.

Distribution: Aerospace.

AERO 4301 - National Security (3)

A study of the basic elements of national security policy and process. The course explores air and space power operations as well as selected roles of the military in society and current domestic and international issues affecting the military profession. Special emphasis is placed on speaking and writing skills in the unique military-style format. Concurrent enrollment in AERO 4111 is required for AFROTC students. This course may also be taken by non-AFROTC students without the lab. Prerequisite: upper-level standing or consent of instructor.

Distribution: Aerospace.

AERO 4302 - Leadership Responsibilities & Commissioning Preparation (3)

This course prepares the student for active duty through the study of the responsibility, authority, and functions of an Air Force commander as well as selected provisions of the military justice system. Special emphasis is placed on speaking and writing skills in the unique military-style format. Laboratory (AERO 4112) enrollment required for AFROTC students.

Distribution: Aerospace.

ARTS - Art

ARTS 1310 - Drawing I (3)

Investigates a variety of techniques, media, and subjects. Explores perceptual and descriptive possibilities. Fee.

Distribution: Visual and Performing Arts.

ARTS 1320 - Design (3)

Emphasis on two-dimensional design, including the elements of line, color, form, texture, and space as they relate to balance, unity, rhythm, and contrast. Fee.

Distribution: Visual and Performing Arts.

ARTS 1325 - Color Theory (3)

Emphasis on color systems and vocabulary for analyzing color phenomena, properties and relationships. The use of color by various artists and theorists are examined. The ability to utilize color in a variety of media and disciplines is emphasized. Recommended before ARTS 2320 Painting I. Fee.

Distribution: Visual and Performing Arts.

ARTS 1350 - Art Appreciation (3)

A general overview of the visual arts with emphasis on developing appreciation and understanding of the various methods and styles of art. Students with little or no art background are welcome.

Distribution: Visual and Performing Arts.

ARTS 2000 - Sophomore Review (0)

Required of all BFA and BA Art Majors, this prepares students for upper level course work and to support academic and artistic success. Successful completion of this requirement allows students to proceed as upper-level art majors. When a student has completed at least 21 hours of ARTS courses, he/she is considered an "Art Sophomore" for the purpose of the review process. Actual class standing may vary according to the registrar. It is expected that Art Sophomores complete Drawing I, Drawing II, Design, Color Theory, Art History I or II, 3-D Design and Painting I before registering for Sophomore Review. Slight variations on completed courses may occur.

Distribution: Visual and Performing Arts.

ARTS 2311 - Drawing II (3)

Further exploration of the language of drawing, and use of techniques and concepts introduced in ARTS 1310. Emphasis is on more complex problem solving in the visual interpretation of natural and fabricated forms. Students will use a variety of graphic drawing media. Prerequisite: ARTS 1301, or permission of instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 2320 - Painting I (3)

Explores the potentials of painting media, emphasizing color and composition. Prerequisites: ARTS 1310 and ARTS 1320 or permission of the instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 2322 - Photography I (3)

An introduction to the technical and aesthetic properties of photography as a tool for creating art and the expression of ideas. Students will learn about camera functions as a means of developing photographic concepts, the creation of strong compositions, and the execution of techniques while researching and analyzing the history of photography and its impact on art and culture. The course includes instruction in lighting, scanning processes, image editing software, digital workflow, and outflow for print. Fee.

Distribution: Visual and Performing Arts.

ARTS 2340 - 3D Design (3)

Emphasis upon three-dimensional design including form, texture, and space as they relate to balance, unity, and contrast. Fee.

Distribution: Visual and Performing Arts.

ARTS 2351 - Art History I (3)

A chronological survey of the visual arts exploring purposes and processes. Includes an examination of paintings, sculptures, architecture, and other arts through the Middle Ages. Non-western areas will be covered including but not limited to Asian and Mesoamerican art.

Distribution: Visual and Preforming Arts.

ARTS 2352 - Art History II (3)

A chronological survey of paintings, sculptures, architecture, and other visual arts encompassing the Renaissance through Modern periods. Non-western areas will be covered including but not limited to Asian and Mesoamerican art. This course qualifies as Writing Emphasis.

Distribution: Visual and Preforming Arts.

ARTS 2354 - World Art (3)

A survey of art created in the Middle and Near East, India, Southeast Asia, China, Japan, Korea, the Pacific, Africa, and the Americas. Students in this course are introduced to art produced outside the so-called "western tradition." Material covered in the class will be art created in the past along with works created by current artists. Students will study how the various artistic traditions changed over time as a result of new creative methods, media, and global trade.

Distribution: Visual and Preforming Arts.

ARTS 2360 - Ceramics I (3)

An introduction to the history and processes of ceramic art. Students will investigate a variety of traditional and contemporary methods, aesthetic theories, and conceptual frameworks practiced by diverse cultures throughout history while learning basic hand-building techniques such as pinch-forming and coil building. Fee.

Distribution: Visual and Performing Arts.

ARTS 2370 - Digital Art (3)

This course introduces students to the production of vector, raster, and motion graphics. The creation, editing, and distribution of visual information is examined as both a skill and a form of critical, cultural production. Presentations, critiques, class discussions, and reading and writing assignments allow the student to develop a vocabulary and a critical framework for speaking about artistic skills, techniques, and practices. Historical and contemporary cultural literacy is emphasized. Discussions and critiques address the nature of digital image production- and consumption, with topics of special interest including: image inundation, the production of images as visual content, and the distinguishing characteristics of visual knowledge. Prerequisites: ARTS 1310 and ARTS 1320 or permission of the instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 2377 - Digital Art II (3)

A continuation of ARTS 2370 Digital Art, with particular emphasis on Adobe Creative Cloud applications as it pertains to Graphic Design. Prerequisite: ARTS 2370 Digital Art. Fee.

Distribution: Visual and Performing Arts.

ARTS 2375 - Typography (3)

Historical overview of type and letterforms; introduction to professional typography in print and digital environments; primary focus will be application to the contemporary communications and software introduction to InDesign. Prerequisites: ARTS 1310, ARTS 1320, ARTS 2370 or permission of the instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 3310 - Printmaking I: Relief and Screen Printing (3)

An introduction to basic printmaking processes of relief and silkscreen printing. Students are introduced to a number of short projects designed to give a broad experience with the media. Screen Printing will be offered in the fall semester and Relief will be offered in the spring semester. Additional topics include print presentation, care of tools and materials, and a historical survey of printmaking. Prerequisite ARTS 1310 and 1320 or permission of instructor. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 3311 - Life Drawing (3)

Explores various expressive aspects of the human figure. Prerequisite: ARTS 2311 or permission of instructor. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 3315 - Book Arts (3)

Study and creation of handmade books with emphasis on sound conservation techniques and good craftsmanship. Students learn both traditional and contemporary book structures, letterpress, and binding techniques while creating books with unique and original content. Prerequisites: ARTS 1310, 1320, and 1325.
May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 3320 - Painting II (3)

Studies in various problems and media according to individual need. Prerequisite: ARTS 2320. Lab fee.

Distribution: Visual and Performing Arts.

ARTS 3322 - Photography II (3)

Further studies in photography. Prerequisite: ARTS 2322 or permission of the instructor. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 3325 - Mixed Media Collage (3)

Exploration of experimental and inventive approaches of various materials and techniques related to collage. Students will investigate the dynamics of design, composition, and aesthetic concerns related to the boundary between painting and drawing while combining materials in unique ways. May repeat for credit. Prerequisites: ARTS 1310, 1320, and 1325. Fee.

Distribution: Visual and Performing Arts.

ARTS 3331 - Curriculum in the Art Classroom (3)

Required for all Art Education Majors. Building curriculum for the art classroom including standards-based content, art room procedures, state and district pacing, and methods of teaching. This course includes twenty-five (25) hours of field experience (observation in public school art classes is required). Fee.

Distribution: Visual and Performing Arts.

ARTS 3332 - Pedagogy and Professional Practice in Art Education (3)

Required for all Art Education Majors. Building a professional educator portfolio including researching current trends in art education and content certification preparation. This course includes twenty-five (25) hours of field experience (observation in public school art classes is required). Fee.

Distribution: Visual and Performing Arts.

ARTS 3340 - Sculpture (3)

Exploration of traditional and contemporary sculptural mediums. Prerequisite: ARTS 2340 May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 3345 - Art Metals I (3)

(Jewelry/Metalworking) Introduction to the language of small-scale three-dimensional form and space through hands-on creative studio experience exploring design, construction and casting techniques. Prerequisite: ARTS 1310 and ARTS 1320 or permission of the instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 3349 - Medieval Art (3)

A survey of art created between approximately 300 and 1400. Typically characterized as the “age of faith” and “the Dark Ages,” medieval European society was more complex, nuanced, and diverse than the simplified impressions fostered by succeeding centuries. This course will examine the styles, trends, and subjects created by the many cultures that occupied medieval Europe. Students will also explore the transmission of artistic developments throughout Europe and beyond. May not be repeated for credit.

Distribution: Visual and Performing Arts.

ARTS 3350 - Renaissance Art (3)

A survey of art created between approximately 300 and 1400. Typically characterized as the “age of faith” and “the Dark Ages,” medieval European society was more complex, nuanced, and diverse than the simplified impressions fostered by succeeding centuries. This course will examine the styles, trends, and subjects created by the many cultures that occupied medieval Europe. Students will also explore the transmission of artistic developments throughout Europe and beyond. May not be repeated for credit.

Distribution: Visual and Performing Arts.

ARTS 3351 - Modern Art (3)

A survey of art from the 19th century to the present. This course qualifies as Writing Emphasis.

Distribution: Visual and Preforming Arts.

ARTS 3355 - Graphic Design History (3)

A chronological survey of the development of graphic design and visual communication.

Distribution: Visual and Performing Arts.

ARTS 3360 - Ceramics II (3)

An introduction to the history and processes of wheel-thrown ceramics. Students will learn the techniques necessary to create pottery on a potter’s wheel as well as finishing methods such as glazing and kiln firing. Historical and contemporary artworks and concepts are investigated. Health and safety concerns are emphasized. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 3370 - Graphic Design I (3)

This course introduces students to graphic design as a form of visual knowledge production, documentation, and communication. Historical and contemporary cultural literacy is emphasized. Digital print and screen-based projects familiarize students with the process of problem discovery, creation, setting, and solving. Presentations, critiques, reading assignments, and class discussions allow the student to develop a vocabulary and a critical framework for speaking about and developing design skills, techniques, and practices. Prerequisites: ARTS 2375, 2370, or permission of the instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 3375 - Graphic Design II (3)

This course covers intermediate level graphic design as a form of visual knowledge production, documentation, and communication. Historical and contemporary cultural literacy is emphasized. Digital print and screen-based projects familiarize students with the process of problem discovery, creation, setting, and solving. Presentations, critiques, reading assignments, and class discussions allow the student to develop a vocabulary and a critical framework for speaking about and developing design skills, techniques, and practices. Prerequisite: ARTS 3370 or permission of the instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 3380 - Glass Blowing (3)

Development of individual directions and exploration of various techniques in warm and hot glass process. Basic techniques of offhand glass blowing and lampworking. Prerequisite: permission of instructor. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4081 - Senior Exhibition (0)

Capstone course required of all B.A. and B.F.A. Art majors. Preparation of a portfolio, artist's statement and exhibition of selected works. Students develop a critical approach to viewing, exhibiting and thinking about art as well as familiarizing them with the basics of the business of art. Students complete self-directed projects in either two- or three-dimensional disciplines, meet regularly for collective review and criticism, and focus on problems related to the development and continuity of portfolios. The successful completion of this requirement is a prerequisite for graduation for Arts majors. Pre-requisite: For BFA candidates a grade of at least a "B" in ARTS 4380 Senior Studio.

Distribution: Visual and Performing Arts.

ARTS 4310 - Printmaking II: Intaglio and Lithography (3)

An introduction to basic printmaking processes of intaglio and lithography. Students are introduced to a number of short projects designed to give a broad experience with the media: methods of platemaking, such as etching, drypoint, and aquatint; also hand-drawn imagery and transfer on to metal and stone lithography surfaces. Additional topics include print presentation, care of tools and materials, and a historical survey of printmaking. Prerequisite ARTS 1310 and 1320 or permission of instructor.
May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4311 - Advanced Drawing Problems (3)

Explores aspects of drawing that are of special interest. Prerequisite: ARTS 2311 or permission of the instructor.
May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4320 - Painting III (3)

Studies in various media according to individual need. Prerequisite: ARTS 3320.
May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4325 - Watercolor (3)

Exploration of transparent watercolor techniques. Students with competent drawing skills will use water media to explore art concepts stressing individual thematic projects. Prerequisite: ARTS 1310, 3320, 2320.
May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4345 - Art Metals II (3)

Further studies in Art Metals. Prerequisite: ARTS 3345 or permission of the instructor. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4350 - American Art (3)

A history of American architecture, painting, and sculpture from the colonial period to the present. May not be repeated for credit.

Distribution: Visual and Performing Arts.

ARTS 4351 - Installation Art (3)

A study of the theories and methods that inform contemporary installation art. Students will investigate the use of form and material to activate space and explore strategies for engaging viewers in immersive, non-object based art making. Coursework will include a survey of key artworks and artists who employ installation as a means of creative expression. No Prerequisites.

Distribution: Visual and Performing Arts.

ARTS 4352 - Contemporary Art (3)

A study of art made from 1970 to the present day, focusing on artists who are still living and practicing. This course will have a strong emphasis on conceptual theory and key topics and trends currently engaging the art world. Seminar course.
Prerequisites: ARTS 2351: Art History I, ARTS 2352: Art History II, ARTS 2354: World Art, or permission from instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 4353 - Art and Ideas (3)

This course will explore the intersection of art, philosophy, and theological ideas through the investigation of philosophical works on aesthetics by primarily Christian philosophers and writers. Seminar course.

Prerequisites: ARTS 2351: Art History I, ARTS 2352: Art History II, ARTS 2354 World Art, or permission from instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 4354 - Christianity and Contemporary Culture (3)

An introduction to the production and analysis of contemporary visual art and design within a broadly Christian cultural and historical context. Coursework includes a survey of historical and contemporary works of art, design, theory, and criticism that engage with Christianity specifically, and faith more generally. In addition to producing and analyzing works of art and design, students develop skills in writing, discussion, and oral presentation. Prerequisites: ARTS 2351 Art History I, ARTS 2352 Art History II, ARTS 2354 World Art, or Permission of Instructor. Fee.

Distribution: Visual and Performing Arts.

ARTS 4360 - Ceramics III (3)

An advanced study in ceramics intended to broaden experience with clay techniques, glazing, and kiln firing. Students will build on skills and concepts learned in Ceramics I and/or Ceramics II in order to explore special topics of interest and develop a cohesive body of artwork that synthesizes the conceptual and technical aspects of art making. Historical and contemporary works are emphasized. Health and safety concerns are stressed. Prerequisites: ARTS 2360, or ARTS 3360 or permission of instructor. May repeat for credit. Fee.

Distribution: Visual and Preforming Arts.

ARTS 4370 - Interactive Design (3)

This course introduces web design (prompt and feedback), motion graphics, generative art, UI/UX design principles,

systems design, and Processing. Instruction in HTML, CSS, and some JavaScript. The creation, editing, and distribution of visual information is examined as both a skill and a form of critical, cultural production. Presentations, critiques, class discussions, and reading and writing assignments allow the student to develop a vocabulary and a critical framework for speaking about artistic skills, techniques, and practices. Historical and contemporary cultural literacy is emphasized. Discussions and critiques address the nature of digital image production-and consumption, with topics of special interest including: image inundation, the production of images as visual content, and the distinguishing characteristics of visual knowledge. Prerequisite: ARTS 3375 of permission of the instructor. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4373 - Graphic Design III (3)

This course covers advanced graphic design as a form of visual knowledge production, documentation, and communication. Historical and contemporary cultural literacy is emphasized. Digital, web-based, motion graphics, generative design, and UI/UX design projects familiarize students with the process of problem discovery, creation, setting, and solving. Presentations, critiques, reading assignments, and class discussions allow the student to develop a vocabulary and a critical framework for speaking about design skills, techniques, and practices. Prerequisite: ARTS 4370 or permission of the instructor. May repeat for credit. Fee.

Distribution: Visual and Performing Arts.

ARTS 4375 - Applied Graphic Design (3)

This course provides students with an opportunity to work on visual communication and graphic design projects for on- and off-campus organizations, institutions, and groups. Prerequisite: ARTS 3375 or permission of the instructor. May be used in place of 4395 Internship in Graphic Design. Fee.

Distribution: Visual and Performing Arts.

ARTS 4379 - Senior Design Studio (3)

Capstone course required of all B.F.A. Graphic Design Majors. This course is to be taken the semester before ARTS 4081 Senior Exhibition. Prepares students for stepping into the graphic design workforce and/or graduate programs. Participants review and reflect on the integration into their professional lives critical and creative thinking skills and strategies. Students demonstrate competencies in the process and stages of working toward a cohesive design sense; writing an artist's statement; and preparation for advanced study. Taken the semester before ARTS 4081 Senior Exhibition. Fee.

Distribution: Visual and Performing Arts.

ARTS 4380 - Senior Studio (3)

Capstone course required of all B.F.A. Art majors taken the semester before ARTS 4081 Senior Exhibition. Prepares students for lives as working visual artists and graduate programs. Participants review and reflect on the integration into their professional lives critical and creative thinking skills and strategies. Students demonstrate competencies in the process and stages of working toward a cohesive body of work; writing an artist's statement; and preparation for advanced study. Taken the semester before ARTS 4081 Senior Exhibition. Fee.

Distribution: Visual and Performing Arts.

ARTS 4395 - Internship in Graphic Design (3)

Supervised professional experience in an ad agency, design studio, or business (paid or unpaid) as a means of preparing the student for a career goal in graphic design or further studies. Prerequisite: ARTS 3375 or permission of the instructor. May be used in place of ARTS 4375 Applied Graphic Design.

Distribution: Visual and Performing Arts.

BACC - Accounting

BACC 2310 - Survey of Accounting (3)

An overview of financial and managerial accounting for business professionals. Students learn concepts and techniques to gather, organize, interpret, and analyze financial and non-financial information for planning, controlling, and decision-making. Prerequisites: Sophomore standing and a grade of "C" or better in MATH 1315 or concurrent enrollment.

Distribution: Business.

BACC 2311 - Financial Accounting (3)

An introduction to financial accounting, including the accounting cycle and the related study of asset and equity valuations for the primary financial statements of financial position, income, and cash flow.

Prerequisites: Sophomore standing and a grade of "C" or better in Math 1315.

Distribution: Business.

BACC 2312 - Managerial Accounting (3)

An introduction to managerial accounting, including financial analysis, budgeting, job and process costing, standard costing, and other methods used by business professionals to obtain information for effective and efficient operations in today's environment. Prerequisites: A grade of "C" or better in BACC 2311 and Math 1315.

Distribution: Business.

BACC 3321 - Intermediate Accounting I (3)

An in-depth study of the accounting cycle and the related study of asset and equity valuations for the primary financial statements and content presentation. Particular emphasis placed on the operating cycle, related assets, revenue recognition, income measurements and the application of the time value of money including annuities. Prerequisite: A grade of "C" or better in BACC 2311.

Distribution: Business.

BACC 3322 - Intermediate Accounting II (3)

A continuation of BACC 3321, with particular emphasis on cash and receivables, inventories and inventories measurements, valuation and acquisition of PPE and intangible assets including utilization and dispositions, and stock and bond investments. Prerequisite: A grade of C or better in BACC 3321.

Distribution: Business.

BACC 3324 - Federal Income Taxation for Individuals (3)

The study of Federal Income Tax laws relating to individuals. This course also studies current tax code concepts, issues, and regulations and the resulting consequences and liabilities to a financial planner's clients. The course explores the structure of the tax code as it pertains to the taxation of individuals, and their proprietorships. The course also explores tax management techniques such as excluding income, deferring income, shifting income, and managing or timing income. Students will develop tax planning strategies to manage tax liability and to accumulate assets while minimizing tax consequences.

Prerequisite: A grade of "C" or better in BACC 2311 and junior standing.

Distribution: Business.

BACC 3325 - Federal Income Taxation for Business Entities (3)

A continuation of BACC 3324, with emphasis on property transactions, partnerships, and corporations. Prerequisite: A grade of "C" or better in BACC 3324 and junior standing.

Distribution: Business.

BACC 3327 - Small Business Accounting (3)

Introduces accounting techniques used by small businesses to obtain information for efficient operations in today's environment. The course explores using an automated accounting information system to help facilitate business record keeping. Emphasis is on invoicing customers, maintaining accounts receivable and accounts payable, tracking inventory, creating purchase orders, preparing payroll, and evaluating financial reports for management, journal entries, and adjusting entries.

Distribution: Business.

BACC 3329 - Accounting Information Systems (3)

An in-depth study of accounting information systems, including an historical perspective, concepts and definitions, the need for accounting information systems, analysis of the system environment, and design and implementation with a focus on accounting information systems and integration with other management systems. Prerequisites: A grade of "C" or better in BACC 3322 .

Distribution: Business.

BACC 3335 - Accounting Communications (3)

An in-depth study of effective business writing principles focused on organization, clarity, and conciseness. Emphasis is placed on ability to exchange technical information and ideas with co-workers, other professionals, and clients to recognize and understand the implications of critical business issues. Students will produce audit reports, cross reference documents, statements of financial condition, and other common documents produced in the practice of public accounting. Prerequisite: a grade of "C" or higher in BACC 3322.

Distribution: Business.

BACC 3340 - Introduction to Data Analytics for Accounting (3)

The combination of computerization and automation of many accounting tasks as well as the explosion of available data is changing the accounting profession. To address this, accountants are increasingly required to have an analytics mindset to perform their jobs. Building upon the fundamentals of accounting learned in prior courses, Introduction to Data Analytics for Accounting explores accounting concepts through the application of data analytics. We recognize students need to not only develop the skills to ask the right questions, but to learn how to use tools they may encounter in the workplace such as Excel® and Tableau® to examine and analyze data, and then effectively interpret results to make business decisions. This analytics mindset is crucial early in the study of accounting to meet the demands of today's accounting jobs. Prerequisite: BACC 2310

Distribution: Business.

BACC 4323 - Cost Accounting (3)

A study of the theories and practices of cost accounting as they relate to cost-finding systems. The effects on fixed budgets of historical costs and predetermined standard costs are explored. Managerial use of cost data is emphasized. Prerequisite: A grade of "C" or better in BACC 2312.

Distribution: Business.

BACC 4331 - Auditing I (3)

Introduction to auditing from a management perspective. Emphasis is on auditing techniques in general with applications for both external and internal auditing. Topics include criteria for audits, audit planning and procedures, risk and performance measurement, business activity and process evaluation, audit communications, and fraud investigation. Prerequisite: A grade of "C" or better in BACC 3322. Accounting Majors Only.

Distribution: Business.

BACC 4332 - Advanced Accounting (3)

Students will produce presentations (written and/or verbal) of selected accounting topics and a study of consolidated financial statements, partnerships, foreign currency transactions, and transactions of foreign affiliates. Prerequisites: A grade of "C" or better in BACC 3322.

Distribution: Business.

BACC 4341 - Financial Statement Analysis (3)

A study of the keys to effective analysis of financial statements and the tools needed to make relevant decisions. The student will learn how investors, creditors, consultants, managers, auditors, directors, regulators, etc. use financial statements to make business decisions. A focus of the course is to demonstrate the relevance of such analysis with applications to real world companies. Prerequisite: "C" or better in BACC 3322 or BFIN 3333. (Same as BFIN 4341).

Distribution: Business.

BACC 4342 - CPA Review (3)

A study of advanced problems given by the American Institute of Certified Public Accountants in the CPA examination. The course provides a comprehensive review of salient concepts from the entire accounting curriculum. Prerequisite: A grade of "C" or better in BACC 3322 or permission of instructor. Lab fee.

Distribution: Business.

BACC 4350 - Ethics for Accountants (3)

Emphasis of the course includes ethical issues that relate to accounting. Areas of discussion include ethical reasoning, integrity, objectivity, independence and other core values. Prerequisite: A grade of "C" or better in BACC 3322.

Distribution: Business.

BACC 4352 - Accounting Research (3)

The review and elaboration of Accounting Principles using authoritative literature and pronouncements, to reach a conclusion or make a decision about various accounting topics. This course will analyze accounting and taxation issues by reviewing information, using empirical data and analytical methods, recognizing data in patterned activities, forecasting, and integrating data for professional accounting services, or professional accounting work for clients and/or employers. Prerequisite: A grade of “C” or better in BACC 3322.

Distribution: Business.

BACC 4395 - Internship (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activities as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisites: Junior standing, 3.0 GPA in major and overall, and the consent of the Associate Dean.

Distribution: Business.

BADM - Business Administration

BADM 1301 - Introduction to Business (3)

This foundation course for all business majors introduces the concept of business as a wealth-creating institution, examines the Biblical and economic antecedents of business, and explores the idea of business as calling. The disciplines in which students may major are introduced as different facets of an integrated business framework.

Distribution: Business.

BADM 2311 - Personal Financial Planning (3)

This course is designed as an introduction to personal finance, with its application in consumer financial decision making. Topics include strategies for budgeting, saving, taxation, consumer banking, consumer insurance products, credit management, automobile purchases, home ownership, and retirement planning. Interrelationships between different sectors of personal finance will be studied to aid in comprehensive wealth management.

Distribution: Business.

BADM 2312 - Communication in Business (3)

This course introduces theories, techniques, and practices in business communication. Emphasis is on clear, logical, effective written and oral communications. Prerequisites: A Public speaking course, both ENGL 1321 and 1322, and BCIS 1301.

Distribution: Business.

BADM 3311 - Global Competition and International Business (3)

This course examines the basic issues of global competition and international business. It studies the reasons for international trade and investment, and describes a framework for understanding the operations of a multinational corporation. Prerequisite: Junior standing.

Distribution: Business.

BADM 3312 - Business Communication and Professional Etiquette (3)

This course examines applied techniques and practices in business communication, including the presentation of clear, logical, and effective written and oral communications. Emphasis is placed on the integration of professional business etiquette. Prerequisite: A Public speaking course, and both ENGL 1321 and 1322.

Distribution: Business.

BADM 3315 - Business Communications (3)

This course focuses on developing the written communication skills required in business and other professional settings. Verbal communication is also a focus of the course. Reflection of communication context and purpose, development of required content, satisfying genre and disciplinary conventions, and the professional handling of sources and mechanics will all be included. Course fee. Prerequisites: ENGL 1321, ENGL 1322 and COMM 1320.

Distribution: Business.

BADM 3325 - Global Impact Enterprise (3)

This course focuses on the role of impact enterprises in community development within a global context. Theoretical study and field-based research will be utilized in the course. Students will conduct conceptual and practical field-based research in a classroom or study abroad setting.

Distribution: Business.

BADM 3351 - Culture and Global Business (3)

This course focuses on the dramatic impact that culture has on business, commerce, and trade practices in organizations across the globe. Cultural immersion will be utilized in the course for practical comparison purposes. Prerequisite: BMGT 3310.

Distribution: Business.

BADM 4090 - Practical Experience (0)

All College of Business students are required before they may graduate to have 300 hours of practical experience in the field of their major during their junior and senior years. Every student should register for this course during the semester in which they will complete their 300 hours requirement. This course may be retaken if the 300 hours are not completed the first time a student registers for the course. This course is a Credit/No Credit course.

Distribution: Business.

BADM 4312 - Global Business as Mission (3)

This course examines the intersection of Christian faith and professional business enterprises. Major historical movements will be examined. Current practices will be explained and discussed. Practical projects will be required.

Distribution: Business.

BADM 4320 - Global Social Enterprise (3)

This course examines the intersection of service and profession in business enterprises. Topics include major thought areas and current practices. Practical projects are a requirement.

Distribution: Business.

BADM 4333 - Effective Organizational Leadership (3)

"Effective Organizational Leadership" (EOL) is designed to take the organization leader and future leader beyond the basics of managing resources. EOL examines the characteristics of effective leaders, the process involved in moving from manager to leader, and leadership tools to help insure success in leading organizations.

Distribution: Business.

BADM 4341 - Business Ethics (3)

Ethical issues of business decisions and actions will be examined from a Christian perspective. The influence of society and government on these business decisions and actions will also be studied. Prerequisite: Senior standing.

Distribution: Business.

BADM 4345 - Advanced Readings in Business Law and Ethics (3)

This course is designed to offer upper level business students the opportunity to perform advanced research and writing in the area of business law and ethics with an emphasis on the application of faith- based ethical theories. Students will focus on current ethical issues faced by businesses and governments in the US and abroad. Prerequisite: BLAW 2311 and permission of the Instructor.

Distribution: Business.

BADM 4351 - Global Commerce (3)

An interdisciplinary survey of how companies and nations operate in the global economy. Topics include business strategy, functional business areas in global commerce, analyses of regional economies, cross-border operations

management, global business institutions, and global business ethics. Prerequisite: BMGT3310.

Distribution: Business.

BADM 4381 - Comparative Global Business Infrastructures (3)

An interdisciplinary introduction to the commercial infrastructure problems and opportunities that face firms engaged in global business. Special emphasis will be placed upon the comparison of global business critical success factors across economic regions of the world. Prerequisite: BMGT 3310.

Distribution: Business.

BADM 4395 - Internship (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of paid or unpaid activities as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisite: Junior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

Distribution: Business.

BCIS - Business Computer Information Systems

BCIS 1301 - Information Systems for Business Impact (3)

This course provides an introduction to technology solutions as applied to personal productivity needs. Basic computer concepts will be covered. Emphasis will be placed on the integration of the resources aimed at supporting and enhancing personal decisions and productivity. Practical, hands-on experience will be a part of the course. This course will cover intermediate word processing, spreadsheet, database, and presentation applications. Lab fee.

Distribution: Business.

BCIS 2318 - Introduction to Web Site Design (3)

This course introduces concepts for effective web site design, and tools and technologies used for creating effective web sites. Students will design web pages using a variety of methods including, but not limited to: HTML, web authoring software, and photo editing tools. Additional topics may be discussed depending on specific interests of the current students. Prerequisite: BCIS 1301.

Distribution: Business.

BCIS 2330 - Fundamentals of Programming (3)

This course provides an introduction to programming concepts within an object-oriented environment. Effective user interface design and programming structures (sequence, decisions, and repetition) will be emphasized through the use of an object-oriented programming language. Students will learn to apply problem solving techniques as they develop business applications. Prerequisite: BCIS 1301.

Distribution: Business.

BCIS 3311 - Social Media (3)

This course examines social media software applications to support personal learning networks and enhance business productivity. Students will research best practices in the field of technology. More specifically, students will learn how individuals and organizations can strategically use social media tools to engage their audience in new and effective ways. Prerequisite: Junior standing.

Distribution: Business.

BCIS 3312 - Management Information Systems (3)

This course examines the integration of computer and information technology into business. Discussions will include general systems concepts, information systems technologies, types of information processing systems, information technology-related services, and the management of information systems in organizations. Integration and management considerations will be examined regarding current and future business goals and objectives. Prerequisites: BADM 1301 and BCIS 1301. Lab fee.

Distribution: Business.

BCIS 3318 - Intermediate Dynamic Web Site Design (3)

This course will present technologies to dynamically enhance web sites through scripting, animation tools, and Dynamic HTML. Additional topics may be discussed depending on the specific interests of the current students. Prerequisite: BCIS 2318 or CISC 4322

Distribution: Business.

BCIS 3320 - Database Administration (3)

This course provides students with an understanding of relational databases. Fundamental database concepts will be covered including keys and related terminology, normalization techniques, basic SQL, data modeling, relational designs and database administration issues such as backup/recovery and security. Prerequisite: BCIS 1301. Lab Fee.

Distribution: Business.

BCIS 3325 - Systems Analysis and Design (3)

This course provides students with various principles, methods, guidelines, and techniques useful in the analysis and design of information systems in business organizations. In doing so, we recognize that most all information systems projects, have a "life cycle" that generally consists of the four basic stages of planning, analysis, design, and implementation. Emphasis will be placed on both the traditional approaches to these stages as well as more recent advances in the field that take an object-oriented approach to systems analysis and design through the Uniform Modeling Language (UML). Prerequisite: BCIS 2330.

Distribution: Business.

BCIS 3335 - Digital Video Editing (3)

This course presents various topics including techniques for integration of hardware and digital media software with a focus on the creation and delivery of digital video for the web. Convergent uses of technology are explored. Term project: Brief professional grade digital production published for the web. Lab fee.

Distribution: Business.

BCIS 3340 - Introduction to E-Commerce (3)

This course explores how the Internet has revolutionized the buying and selling of goods and services in the marketplace. This course will benefit students interested in working in an E-Commerce environment or evaluating E-Commerce activities.

Distribution: Business.

BCIS 3350 - Desktop & Digital Publishing (3)

This course provides an introduction to computer layout and design using desktop and digital publishing industry-standard software. This course focuses on technical proficiency and the business components of digital and print publishing, e-pubs, handheld devices, and more. Prerequisite: BCIS 1301.

Distribution: Business.

BCIS 3370 - Computer 3D Modeling (3)

This course will address the tools to create 3D models using point, polygon and spline modeling. Includes mastering entry-level FX; plus planning and creating short 3D animation for integration in computer- and web-based multimedia products. Lab fee.

Distribution: Business.

BCIS 3375 - Computer 3D Animation (3)

This course will address advanced skills in 3D animation, including skelegons, weight maps, inverse kinematics and IK chains. Further exploration of 3D FX involving hyper voxels, particle effects, collision and hard/soft body dynamics will be provided. Prerequisite: BCIS 3370. Lab fee.

Distribution: Business.

BCIS 4315 - Interactive Multimedia (3)

This course is designed to introduce the student to methods of designing and publishing training material. There will be an emphasis on technology. Prerequisite: BCIS 2318 or CISC 2305 and senior standing. Lab fee.

Distribution: Business.

BCIS 4318 - Advanced Concepts for Web Site Design (3)

This course investigates advanced tools and technologies to provide additional insight into effective utilization of web sites. Current technologies will be used to integrate web pages to interact with data sources, such as, databases, spreadsheets, and XML. Additional topics may be discussed depending on the specific interests of the current students. Prerequisites: BCIS 3320 and BCIS 3318.

Distribution: Business.

BCIS 4345 - IT Security and Networking (3)

This course addresses topics in telecommunications, computer networks, and systems architecture, as well as information systems security. Specific areas of discussion are network models, network hardware and software, network management, and current trends in networking. Additional areas of discussion may include physical security, social engineering, cyber security, threat/risk analysis and business continuity. Students will prepare to take the CompTIA Network+ Certification Exam. Registration for the certification exam is required.

Prerequisite: BCIS 3325. Course Fee.

Distribution: Business.

BCIS 4370 - IS Management and Capstone Project (3)

This course requires students to apply IS project management principles and techniques in a software project setting. Students will also apply systems development techniques while completing a comprehensive project pertinent to their area of study. Project concepts will be discussed with, and approved by, the instructor before commencing the project. Student will prepare to take CompTIA Project+ Certification Exam. Registration for the certification exam is required. Prerequisite: BCIS 3325 and senior standing. Lab fee. Course fee.

Distribution: Business.

BCIS 4395 - Internship in BCIS (3)

This course permits students to enhance their knowledge within their major field of BCIS specialization (Multimedia and Information Technology or Business

Computer Information Systems) through application of concepts, principles, and techniques learned in the classroom. It consists of paid or unpaid activity as a professional-level intern for an employer with an approved internship. Application must be approved prior to registration. Prerequisites: Senior standing; 3.0 G.P.A. in major and overall, and written consent of the Associate Dean prior to registration. Administration fee.

Distribution: Business.

BECO - Economics

BECO 2310 - Principles of Economics (3)

An introductory course that covers both macroeconomic and microeconomic principles. Macroeconomic concepts include gross domestic product, unemployment, inflation, fiscal policy, and monetary policy. Microeconomic concepts include demand, supply, marginal analysis, competitive markets versus monopolized markets, and the distribution of income.

Distribution: Business.

BECO 2311 - Principles of Macroeconomics (3)

A study of macroeconomics including Gross Domestic Product (GDP), fiscal and monetary policy, along with Keynesian and Classical economic theory. Other topics include unemployment, inflation, and the Business Cycle.

Distribution: Business.

BECO 2312 - Principles of Microeconomics (3)

A study of basic microeconomic concepts, business organization, supply and demand theory, marginal analysis, and current economic problems.

Distribution: Business.

BECO 3312 - Money and Banking (3)

A study of the development and economic role of commercial banks and other financial institutions, the role of monetary theory, the Federal Reserve System and monetary policy, and the instruments and functions of international finance. Prerequisite: BECO 2310 and BFIN 3311.

Distribution: Business.

BECO 3320 - Intermediate Macroeconomic Theory (3)

This course is designed to provide an in depth study of macroeconomic theory. Topics include the measure of national income, classical macroeconomic theory, Keynesian aggregate economic theory, numerous consumption and investment theories, interest rate theories, and the role of money in modern economic theory. This course will emphasize the role of macroeconomics in understanding our complex economic system. Prerequisite: BECO 2310.

Distribution: Business.

BECO 3321 - Intermediate Microeconomic Theory (3)

An intermediate intensive study of contemporary microeconomic theory. Topics include consumer demand, market structure, production theory, the nature and behavior of costs, pricing and allocation of productive resources, and distribution of income. Prerequisite: BECO 2310.

Distribution: Business.

BECO 4342 - Contemporary Economic Issues (3)

A course that applies microeconomic and macroeconomic analysis to evaluate contemporary economic issues. Prerequisite: BECO 2310.

Distribution: Business.

BECO 4350 - History of Economic Thought (3)

This course is designed to help the student understand the role economists have played in our economic and political history. The course will survey the thoughts and subsequent theories of most famous economists. The topics studied will trace our way through the ancient philosophers up to contemporary economic thinking. Contributions of economists over the past three centuries will be emphasized. Prerequisite: BECO 2310.

Distribution: Business.

BECO 4370 - International Economics (3)

A study of the basis for trade among nations and the means of its financing, customs unions, balance-of-payments payments, and similar topics, with particular emphasis upon the issue of "fair" trade. Prerequisite:BECO 2310.

Distribution: Business.

BECO 4395 - Internship in Economics (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisite: Senior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

Distribution: Business.

BENT - Business Entrepreneurship

BENT 3310 - Introduction to Entrepreneurship (3)

An introductory course intended to provide students with a solid foundation in terms of the vital role played by entrepreneurs and entrepreneurship in the 21st century global economy. This course assesses, explores, and

critiques the phenomenon of entrepreneurship. Prerequisite: BADM 1301.

Distribution: Business.

BENT 4351 - Managing the Entrepreneurial Family Business (3)

This course focuses on the major issues and strategies for initiating, building, and managing a family business. Issues of succession from one generation to the next are explored in depth. Major theories that help to explain family business as different from other forms are included in this course. Prerequisites: BADM 1301 and Junior Standing.

Distribution: Business.

BENT 4355 - Opportunity Identification & Launch (3)

This course explores how to identify an attractive opportunity for both investors and yourself and what must be done to make it a success. Key success factors will be used to answer questions related to customers, costs, competition, and the environment. Prerequisites: BADM 1301 and Junior Standing.

Distribution: Business.

BENT 4360 - International Entrepreneurship (3)

This course examines how entrepreneurs recognize and fulfill opportunities for wealth creation in an international context. Prerequisites: BADM 1301 and Junior Standing.

Distribution: Business.

BENT 4395 - Internship in Entrepreneurship (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer with an approved internship . Application must be approved prior to registration. Prerequisite: Senior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

Distribution: Business.

BFIN - Finance

BFIN 3310 - Business & Personal Financial Planning (3)

Introduction to the principles of personal financial planning including strategies for saving, investing, insurance, credit management, and home ownership and their corresponding interrelationship in providing comprehensive personal financial planning.

Distribution: Business.

BFIN 3311 - Principles of Finance (3)

An introduction to the principles of financial management including the role of the financial manager, cash flow, capital budgeting, planning for profits, financing, and financial decision-making. Prerequisite: BACC 2312, MATH 1315 and Sophomore standing.

Distribution: Business.

BFIN 3312 - Money & Banking (3)

A study of the development and economic role of commercial banks and financial institutions, the role of monetary theory, the Federal Reserve System and monetary policy, and the instruments and functions of international finance. Prerequisite: BECO 2310 and BFIN 3311.

Distribution: Business.

BFIN 3322 - Principles of Real Estate (3)

Principles of real estate, finance, brokerage, regional economics, building and construction, marketing, appraising, and real estate law. Prerequisite: BFIN 3311.

Distribution: Business.

BFIN 3324 - Insurance Planning and Financial Risk Management (3)

Methods to identify and control the risks facing individuals and businesses are examined. The topics covered include risk analysis, loss prevention, self-insurance, and various other insurance and financial alternatives to reduce the organization's risk of loss. This course reviews the financial risks that individuals and businesses face and how they can manage these risks, including the utilization of insurance solutions. Prerequisite: BFIN 3311

Distribution: Business.

BFIN 3333 - Corporate Finance (3)

An advanced study of financial management which includes the topics of risk and return, bond valuation, stock valuation, financial options, analysis of financial statements, corporate valuation and capital budgeting. Prerequisite: BFIN 3311.

Distribution: Business.

BFIN 3334 - Working Capital Management (3)

In-depth study of cash management, credit management, inventory management, leasing, hybrid financing, capital structure decisions, dividend policy, short-term financing, and investment banking and related subjects. Prerequisite: BFIN 3311.

Distribution: Business.

BFIN 4331 - Investment Analysis and Planning (3)

A course emphasizing the commitment of funds to various security forms such as common stocks, bonds, warrants, convertible bonds, liquid assets, and other securities. The course exposes students to the concepts of risk and return, the differences between equity and fixed income investments, the mathematics of investing, the evaluation of investment theories and strategies, and the regulation of the investment industry. The course explores the difference between fundamental and technical analysis introducing modern portfolio theory (asset allocation, diversification, market timing, and security selection).

Prerequisites: BECO 2312 and BFIN 3311. Course fee.

Distribution: Business.

BFIN 4341 - Financial Statement Analysis (3)

A study of the keys to effective analysis of financial statements and the tools needed to make relevant decisions. The student will learn how investors, creditors, consultants, managers, auditors, directors, regulators, etc. use financial statements to make business decisions. Focus of the course is to demonstrate the relevance of such analysis with applications to real world companies. Prerequisite: "C" or better in BACC 3322 or BFIN 3333. (Same as BACC 4341).

Distribution: Business.

BFIN 4344 - Portfolio Management (3)

The development and application of modern portfolio theories in the selection of financial assets will be examined. Topics include setting investment goals, diversification and risk reduction, capital market theory, performance measurement, portfolio management techniques, and portfolio selection models. Students will develop a suitable investment portfolio established to meet a client's goals and objectives and prepare an appropriate plan of implementation based on this information. Prerequisite: BFIN 4331.

Distribution: Business.

BFIN 4345 - International Financial Management (3)

An advanced course in finance exploring the international flow of funds, exchange rate determination, the use of currency derivatives to hedge exchange rate risk, international arbitrage and interest rate parity, how to forecast exchange rates, measuring and managing exposure to exchange rates, and international financial institutions. Prerequisite: BECO 2310 and BFIN 3311.

Distribution: Business.

BFIN 4395 - Internship in Finance (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisite: Senior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

Distribution: Business.

BGST - General Studies

BGST 4001 - General Studies Capstone (0)

The purpose of this course is to assess the student's mastery of their chosen concentrations in the Bachelor of General Studies program. Prerequisite: last semester of program.

Distribution: General Studies.

BIOL - Biology

BIOL 1105 - Living World Lab (1)

This is the laboratory corequisite for BIOL 1305. Laboratory fee.

Distribution: Sciences.

BIOL 1140 - Fundamentals of Anatomy and Physiology Lab (1)

Lab corequisite component of Fundamentals of Anatomy and Physiology. Laboratory fee.

Distribution: Sciences.

BIOL 1150 - Biology for Science Majors I Lab (1)

This is the laboratory corequisite for BIOL 1350. Laboratory fee.

Distribution: Sciences.

BIOL 1160 - Biology for Science Majors II Lab (1)

This is the laboratory corequisite for BIOL 1360. Laboratory fee.

Distribution: Sciences.

BIOL 1165 - Exploring the Invisible Lab (1)

This is the laboratory corequisite for BIOL 1365. Laboratory fee.

Distribution: Sciences.

BIOL 1193 - Biological Research (1)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be

required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 1293 - Biological Research (2)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 1305 - Living World (3)

Study of some basic principles common to all living things such as cellular composition, energetics, inheritance and genetic principles, diversity of life, ecology. This course is intended for students requiring a lab science (may not be used as a credit towards a Biology major or minor) and students must take BIOL 1105 Living World lab as a corequisite.

Distribution: Sciences.

BIOL 1330 - Biology of Food (3)

This course explores the biological stories of food. Students consider the organisms we eat, the people who produce food, the environmental costs of food, and opportunities for sustainable food production. This course may not be counted towards a Biology major or minor.

Distribution: Sciences.

BIOL 1335 - Biology in Science-Fiction (3)

Science-fiction has extended our awareness of the natural world but often real biology is more amazing than fiction. Science-fiction works will be utilized to initiate critical thinking amongst students about the biological sciences. Students will learn biology from the molecular to the organismal level and use science-fiction as the vehicle to improve their scientific writing. This course may not be counted towards a Biology major or minor.

Distribution: Sciences.

BIOL 1340 - Fundamentals of Anatomy and Physiology (3)

Study of the fundamentals of human anatomy and physiology. Topics include the hierarchy of body structure and organization and basic biological chemistry. The course is intended for students requiring a lab science but cannot be used as credit towards a biology major or minor. Corequisite: BIOL 1140

Distribution: Sciences.

BIOL 1350 - Biology for Science Majors I (3)

This course will explore foundational concepts and processes in biology, including biomolecules, cell structure of prokaryotes and eukaryotes, cell division, photosynthesis and cellular respiration, genetics, and plant processes. Corequisite: BIOL 1150

Distribution: Sciences.

BIOL 1360 - Biology for Science Majors II (3)

This course will explore foundational concepts and processes in biology, including biodiversity, evolution, animal systems, and ecology. Prerequisite: BIOL 1350/1150. Corequisite: BIOL 1160.

Distribution: Sciences.

BIOL 1365 - Exploring the Invisible (3)

An introduction to the microbes living in, on, and around us. Microbes such as bacteria, viruses, fungi, and parasites will be explored throughout the course. Emphasis will be on microbial characteristics, diversity, and the effects microbes have on us and our environment. This course is intended for students with non-science majors requiring a lab science course. Corequisite: BIOL 1165.

Distribution: Sciences.

BIOL 1393 - Biological Research (3)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson.

Distribution: Sciences.

BIOL 1493 - Biological Research (4)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 2001 - Laboratory Assistantship (0)

Faculty-supervised experience in assisting with laboratory studies. May be repeated subject to availability of assignments. Prerequisite: Approval of department chairperson.

Distribution: Sciences.

BIOL 2120 - Science for Educators (1)

This is the corequisite lab for BIOL 2320. Laboratory fee.

Distribution: Sciences.

BIOL 2140 - Human Anatomy & Physiology I Lab (1)

This is the laboratory corequisite for BIOL 2340. Students must also register for BIOL 2140P, the laboratory practicals. Laboratory fee.

Distribution: Sciences.

BIOL 2141 - Human Anatomy & Physiology II Lab (1)

This is the laboratory corequisite for BIOL 2341. Students must also register for BIOL 2141P, the laboratory practicals. Laboratory fee.

Distribution: Sciences.

BIOL 2170 - Research Methods (1)

This course investigates biological experimentation. Topics include experimental design, the scientific process, scientific writing, the philosophy of science, bioethics, critical thinking, usage of common laboratory equipment, and laboratory team work. Prerequisites: BIOL 1350/1150, Corequisite: BIOL 2171 for Biology majors

Distribution: Sciences.

BIOL 2171 - Research Methods Lab (1)

This is the corequisite laboratory component for BIOL 2170. Laboratory fee

Distribution: Sciences.

BIOL 2180 - Microbiology Lab (1)

This is the corequisite laboratory component for BIOL 2380. Laboratory fee.

Distribution: Sciences.

BIOL 2193 - Biological Research (1)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 2293 - Biological Research (2)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 2301 - Endangered Species (3)

Endangered Species will use examples from the field of conservation biology to demonstrate the role of science and the limits of science in addressing the complex issues involved in the efforts to preserve threatened and endangered species. Because the practical application of this multidisciplinary field relies on both scientific evidence and social and political will, it is an excellent focal point to begin discussing the roles of science and scientific methods in public and private decision-making and the limits of science in understanding the world. This course will fulfill the Scientific Inquiry requirement of the core curriculum.

Distribution: Sciences.

BIOL 2320 - Science for Educators (3)

This course is designed to give students practical experience in inquiry-based science teaching and learning by integrating science content knowledge and teaching skills. Corequisite: BIOL 2120

Distribution: Sciences.

BIOL 2330 - Foundations of Comparative Physiology (3)

Students will explore the relationship between environment, form and physiology. Recommended for Biology majors not in the Pre-Med/Dent or Pre-Allied Health.

Distribution: Sciences.

BIOL 2340 - Human Anatomy & Physiology I (3)

Study of the structure and function of cells, tissues, organs, and organ systems including the integumentary, skeletal, muscular, and nervous. Students must also register for BIOL 2140 and BIOL 2140P (lab and lab practicals)

Distribution: Sciences.

BIOL 2341 - Human Anatomy & Physiology II (3)

A continuation of BIOL 2340. Systems covered include the endocrine, reproductive, lymphatic, cardiovascular, respiratory, digestive and excretory. Prerequisites: a grade of 'C' or higher in BIOL 2340 and BIOL 2140. Students must also register for BIOL 2141 and BIOL 2141P (lab and lab practicals)

Distribution: Sciences.

BIOL 2380 - Microbiology (3)

An introduction to the morphology and physiology of micro-organisms with emphasis on bacteria, the principles of immunology, laboratory methods, and practical applications. Prerequisites: BIOL 1350/1150 or BIOL 2340/2140. Corequisite: BIOL 2180. Lab fee.

Distribution: Sciences.

BIOL 2393 - Biological Research (3)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 2430 - Natural History Expedition for Non-majors (4)

Consists of an extended field trip to different ecological regions of the United States or Mexico with an emphasis on the geology, climate, flora, fauna, and culture of the area visited. Participants will be responsible for maintenance of expedition equipment and may collect and identify geological and biological specimens where appropriate. Course is intended for students requiring a lab science but cannot be used as credit towards a Biology major or minor. Enrollment will be limited and will require permission of the instructor. Expenses will be shared by participants. May be repeated for credit. Laboratory fee.

Distribution: Sciences.

BIOL 2493 - Biological Research (4)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 3001 - Laboratory Assistantship (0)

Faculty-supervised experience in assisting with laboratory studies. May be repeated subject to availability of assignments. Prerequisite: Approval of department chairperson.

Distribution: Sciences.

BIOL 3110 - Genetics Lab (1)

This is the corequisite lab course for Biology majors taking BIOL 3310. Prerequisites: BIOL 2170 and BIOL 2171. Laboratory fee.

Distribution: Sciences.

BIOL 3135 - Ornithology Lab (1)

This is the laboratory corequisite for BIOL 3335. Laboratory fee.

Distribution: Sciences.

BIOL 3160 - Plant Taxonomy Lab (1)

This is the laboratory corequisite for BIOL 3360. Laboratory fee.

Distribution: Sciences.

BIOL 3175 - Human Physiology Lab (1)

This course is designed to study the fundamental concepts of human physiology-including neural, muscular, cardiovascular, respiratory, endocrine and sensory systems- using hands-on experiments and computer simulations. Students' EKGs, blood pressure, respiratory volume and reflexes will be measured and analyzed. This course is for students wishing to pursue PT and OT professional programs. Prerequisites: BIOL 2341 and BIOL 2141, and permission of instructor. Laboratory fee.

Distribution: Sciences.

BIOL 3193 - Biological Research (1)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 3293 - Biological Research (2)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 3310 - Genetics (3)

A study of the physical bases and principles of inheritance and variation in plants and animals, with an emphasis on the genetics of man. Prerequisites: BIOL 1350/1150 and BIOL1360/1160. Corequisite: BIOL 3110 for Biology majors.

Distribution: Sciences.

BIOL 3325 - Medicinal Botany (3)

A variety of plant-derived pharmaceuticals and toxins are considered. Students explore the discovery, purification, and molecular mechanisms of plant-derived drugs. Reading primary scientific literature and writing in an appropriate style are emphasized in the course. Prerequisites: BIOL 2170, 2171, and BIOL 3310 or permission of the instructor.

Distribution: Sciences.

BIOL 3335 - Ornithology (3)

A general study of birds and their structure, food relationship, nesting habits, seasonal distribution, migration, economic importance, and conservation, with field observation and special reference to Texas birds. Weekend field trip required. Prerequisites: BIOL 1360/1160 or permission of the instructor. Corequisite: BIOL 3135

Distribution: Sciences.

BIOL 3340 - Immunology (3)

A study of the mechanisms involved in the immune response. Emphasis on the structure and function of the components of the immune system, including humoral and cellular activity, complement, and hypersensitivity. Prerequisites: BIOL 2380/2180 and 3310 with a C or higher in each course.

Distribution: Sciences.

BIOL 3360 - Plant Taxonomy (3)

A study of flowering plants of Central Texas, emphasizing techniques of identification and classification, with herbarium and field work. Ethical collecting and documentation of biological specimens, and primary scientific literature and writing in appropriate style are also emphasized. Weekend field trip may be required. Prerequisites: BIOL 2170/2171. Corequisite: BIOL 3160.

Distribution: Sciences.

BIOL 3375 - Human Physiology (3)

This course is designed to provide students with an understanding of the function & regulation of the human body and physiological integration of the organ systems to maintain homeostasis. Course content will include neural & hormonal homeostatic control mechanisms, as well as study of the circulatory, cardiovascular, skeletal,muscular, respiratory, and endocrine organ systems. Principles of cellular physiology will be emphasized throughout the semester. This course is for students wishing to pursue PT and OT professional programs. Prerequisites: BIOL 2341 and BIOL 2141 and permission of instructor. Concurrent enrollment in the Human Physiology Laboratory course (BIOL 3175).

Distribution: Sciences.

BIOL 3393 - Biological Research (3)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 3493 - Biological Research (4)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 4001 - Laboratory Assistantship (0)

Faculty-supervised experience in assisting with laboratory studies. May be repeated subject to availability of assignments. Prerequisite: Approval of department chairperson.

Distribution: Sciences.

BIOL 4025 - Surgical Scholars (0)

The Surgical Scholars Program includes discussions with and shadowing of surgeons, as well as other activities designed to provides students additional preparation for career choices and medical school. Enrollment is by application only. Background check and drug screening are required. Prerequisite: Meet minimum application requirements and approval of the Associate Dean for Natural Sciences. Course fees.

Distribution: Sciences.

BIOL 4090 - Senior Evaluation (0)

Students majoring in Biology must complete the biology achievement examination prior to graduation. This exam should be taken during the senior year. Examination fee.

Distribution: Sciences.

BIOL 4100 - Vertebrate Zoology Lab (1)

This is the laboratory component for BIOL 4300. Laboratory fee.

Distribution: Sciences.

BIOL 4105 - Cell Biology Lab (1)

Laboratory fee.

Distribution: Sciences.

BIOL 4115 - Eukaryotic Development Lab (1)

This is the laboratory component for BIOL 4315. Laboratory fee.

Distribution: Sciences.

BIOL 4120 - Marine Biology Lab (1)

This is the corequisite laboratory for BIOL 4320. Laboratory fee.

Distribution: Sciences.

BIOL 4145 - Herpetology Lab (1)

This is the laboratory component for BIOL 4345. Laboratory fee.

Distribution: Sciences.

BIOL 4155 - Adaptation & Phylogeny Lab (1)

This is the laboratory corequisite for BIOL 4355. A study of the application of evolutionary theory, 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 3310. Corequisite: BIOL 4355.

Distribution: Sciences.

BIOL 4167 - Plant Molecular Biology Lab (1)

This is the laboratory for BIOL 4367. Laboratory Fee.

Distribution: Sciences.

BIOL 4170 - Applied Ecology Lab (1)

This is the corequisite lab for BIOL 4370 required for Biology majors. Prerequisites: MATH 2303 and a minimum "C" in BIOL 3310/3110. Laboratory fee.

Distribution: Sciences.

BIOL 4180 - Survey of Biological Research (1)

Students will evaluate published primary biological literature and present selected publications orally. Faculty will select specific research topics for exploration, and these topics may vary by semester. May be repeated for credit. Prerequisites: BIOL 2170 and BIOL 3310

Distribution: Sciences.

BIOL 4185 - Bioinformatics Research Capstone (1)

This course will introduce students to bioinformatics research. Students will survey bioinformatics research literature, present primary research articles, perform individual research in bioinformatics, and report their research findings. Focus will be on application of bioinformatics tools to biological data. May be repeated for credit. Prerequisites: BIOL 3310, MATH 1430, and CISC 1305. Or approval of the instructor.

Distribution: Sciences.

BIOL 4190 - Independent Learning (1)

An introduction to research representing individual work of senior level. Conferences and laboratory work to be specified according to the subject at the discretion of the instructor. Prerequisite: 12 hours of Biology, 6 of which must be advanced level, and permission of the instructor. Laboratory fee.

Distribution: Sciences.

BIOL 4191 - Seminar (1)

Requirements may include classroom study, fieldwork, or a weekend field trip. Expenses for field trip will be shared by participants. Prerequisite: BIOL 3310 or permission of instructor. May be repeated for credit as topics vary.

Distribution: Sciences.

BIOL 4193 - Biological Research (1)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 4194 - Capstone Writing (1)

This is a Writing Emphasis course that prepares students for authentic writing in Biology through the production of a formal research proposal that requires an extensive search of scientific literature and documentation of appropriate sources. Students will also produce personalized documents typically included in a professional portfolio. Prerequisite: Senior classification and a minimum "C" standing in each of BIOL 2170, 2171, 3110, 3310, and grade of C or better in ENGL 1321 and ENGL 1322.

Distribution: Sciences.

BIOL 4195 - Capstone Seminar (1)

Requirements include a literature search, oral presentation, and discussion on a relevant topic in Biology. May be repeated for credit. Prerequisites: Senior classification and permission of the instructor.

Distribution: Sciences.

BIOL 4295 - Capstone Seminar (2)

Requirements include a literature search, oral presentation, and discussion on a relevant topic in Biology. May be repeated for credit. Prerequisites: Senior classification and permission of the instructor.

Distribution: Sciences.

BIOL 4293 - Biological Research (2)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 4300 - Vertebrate Zoology (3)

Identification, life histories, distribution, and adaptations of vertebrate animals. Extensive field work and one weekend trip. Prerequisites: BIOL 1360/1160 and one of the following: BIOL 2330 or BIOL 2340/2140. Laboratory fee. Fall only.

Distribution: Sciences.

BIOL 4305 - Cell Biology (3)

A study of the structure, function, reproduction and biochemistry of eukaryotic cells and their organelles. Prerequisites: BIOL 3310 and CHEM 1420.

Distribution: Sciences.

BIOL 4315 - Eukaryotic Development (3)

An introduction to the cell behavior and molecular pathways that control embryonic development. Several representative organisms-- invertebrate, vertebrate, and plant-- will be utilized along with an introduction to recent advances and techniques in developmental biology. Those techniques will be applied in the laboratory to study such organisms as sea urchins, chickens, and Arabidopsis. Prerequisites: BIOL 2170/2171 and BIOL 3310.

Distribution: Sciences.

BIOL 4320 - Marine Biology (3)

A general study of the biotic and abiotic components of estuarine and marine systems, with emphasis on the Gulf Coast of Texas. Weekend field trip required. Prerequisites BIOL 1360/1160 and either BIOL 2330 or BIOL 2340/2140. Corequisite: BIOL 4120

Distribution: Sciences.

BIOL 4325 - Cancer Biology (3)

This course explores the processes of transformation and tumor formation, focusing on the molecular and cellular mechanisms of carcinogenesis, tumor pathology and metastasis. Topics include: molecular and cellular basis of cancer, including viral and cellular oncogenes, tumor suppression mechanics, cellular immortality, genomic integrity, angiogenesis, metastasis, and traditional and developing theories. Open to upper-division students only. Prerequisite: BIOL 3310.

Distribution: Sciences.

BIOL 4330 - Global Health Ethics and Practice (3)

This course serves to provide a diverse knowledge in the fields of public health and ethics as it contributes to its global application within the international realms of healthcare, health diplomacy, law and foreign policy. Students will gain competencies in critical evaluation of global health cases, policy briefs and peer reviewed publications addressing ethical issues as they pertain to the multidisciplinary interaction among the areas of public health, health-related research, human rights, social justice, international law, health diplomacy, and foreign policy. In the process, students will be taught to demonstrate moral character, as well as social, cultural, and political awareness through their ability to form public health recommendations that enable global health programs to become established in socioeconomically disadvantaged regions around the world. Prerequisite: BIOL 3310/3110.

Distribution: Sciences.

BIOL 4335 - Biology of Reproduction (3)

This course examines the various approaches to reproduction used by plants and animals. Topics include

asexual and sexual reproduction, modes of sex determination, mating strategies, selection and parental care. Students must be biology majors or minors having completed BIOL 3310.

Distribution: Sciences.

BIOL 4340 - The Addicted Brain (3)

This course is designed to provide students with an understanding of the alterations in brain structure and chemistry as a result of different types of addiction. The course will cover the brain mechanisms underlying motivated behaviors and the dysfunction that can lead to addictive behaviors. Addiction will be studied at different levels from how drugs affect neurons to how drugs impact society. Much of the course relates the important mood-elevating effects of drugs to their biological actions. The course will also look into addictive behaviors that do not appear to have a pharmacological underpinning, such as internet addictions and gambling. Prerequisite: BIOL 3310 and BIOL 3110.

Distribution: Sciences.

BIOL 4345 - Herpetology (3)

An introduction to the taxonomy, ecology, morphology and behavior of amphibians and reptiles. Weekend field trip may be required. Prerequisite: BIOL 1360/1160 and one of the following: BIOL 2330, 2340/2140 or 2370/2175.

Distribution: Sciences.

BIOL 4355 - Adaptation & Phylogeny (3)

A study of evolutionary biology. Emphasis on evolutionary patterns, mechanisms and processes contributing to biological diversity, biological adaptation, biogeography, and speciation. Prerequisite: BIOL 3310

Distribution: Sciences.

BIOL 4365 - Regenerative Medicine (3)

A study of the foundations and principles of regenerative medicine. Major emphasis will be on understanding stem cell research relating to stem cell types, sources, characteristics, modifications, and applications for therapy. Prerequisites: BIOL 2170 and BIOL 3310.

Distribution: Sciences.

BIOL 4367 - Plant Molecular Biology (3)

Students explore plant structure and function, including genes and genomes, biotechnology, cell biology, metabolism, diversity, and development. Plant interactions with other organisms, including plant-derived pharmaceuticals, are considered. Prerequisites: BIOL 2170, 2171, and 3310 or permission of the instructor.

Distribution: Sciences.

BIOL 4370 - Applied Ecology (3)

A study of the interrelationships between organisms and their environment. Emphasis on environmental characteristics, population dynamics, community structure, modes of reproduction and foraging and inter- & intra-specific relationships. Prerequisites: MATH 2303 and a minimum “C” in BIOL 3310/3110. Biology majors are required to take BIOL 4170 concurrently.

Distribution: Sciences.

BIOL 4375 - Bioinformatics (3)

This course will introduce students to the key concepts of bioinformatics. Major emphasis will be on the integration of biological and computational sciences and the many tools of bioinformatics that can be applied to analysis of biological data. Prerequisites: BIOL 3310, MATH 1430, and CISC 1305. Or approval of the instructor.

Distribution: Sciences.

BIOL 4380 - Pathogenic Microbiology (3)

A study of the isolation, identification, control, morphology, physiology, and immunogenicity of disease-causing bacteria, viruses, and eukaryotic parasites.

Distribution: Sciences.

BIOL 4393 - Biological Research (3)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BIOL 4450 - Natural History Expedition (4)

Consists of an extended field trip to different ecological regions of the United States or Mexico with an emphasis on the geology, climate, flora, fauna, and culture of the area visited. Participants will be responsible for maintenance of expedition equipment and may collect and identify geological and biological specimens where appropriate. Natural History Expedition is not intended to be a substitute for those academic courses required of a major or for the teaching field in Biology. Enrollment will be limited and will require permission of the instructor. Expenses will be shared by participants. May be repeated for credit. Laboratory fee.

Distribution: Sciences.

BIOL 4493 - Biological Research (4)

Students will conduct biological research under the supervision of a faculty member. Students will be expected to keep a research notebook according to standard laboratory practices and may be required to submit a research proposal at the discretion of the faculty member. A final written report of work accomplished will be required. A minimum of 3 clock hours of laboratory per week will be required for each semester hour of credit. Prerequisite: Approval of department chairperson. Laboratory fee.

Distribution: Sciences.

BLAW - Business Law

BLAW 2311 - Business Law (3)

This course surveys the basic principles of commercial law including contracts, property, security interests, and sales. The legal environment in which business entities function is examined.

Distribution: Business.

BLAW 3330 - International Business Law (3)

This course surveys basic business legal topics in both the United States and the European Union on a comparative basis. Topics such as employment law, sales, bankruptcy, business torts, security interests, and others will be explored.

Distribution: Business.

BLDR - Business Leadership

BLDR 2350 - Christian Principles in Business Leadership (3)

This course applies a Christian perspective to the study of business decisions and actions. The historical framework, responsibilities, and consequences of business practices in our society are explored. Special emphasis is placed upon situations that students will likely encounter in their careers.

Distribution: Business.

BLDR 3310 - Leadership Theory and Practice (3)

This course examines the primary theories of leadership and addresses issues that may arise when putting those theories into practice in organizations. It will address the relationships between leadership practice, relationships with followers, self-development, and team management.

Distribution: Business.

BLDR 3321 - Building Better Businesses (3)

This course explores the practices that develop businesses that are both more productive and better places to work. It examines the features of businesses that have been both profitable and employee-friendly. Special attention is given to researching organizations that have consistently been designated as good places to work.

Distribution: Business.

BLDR 3350 - Christian Principles in Business Leadership (3)

This course applies a Christian perspective to the study of business decisions and actions. The historical framework, responsibilities, and consequences of business practices in our society are explored. Special emphasis is placed upon situations that students will likely encounter in their careers.

Distribution: Business.

BLDR 3355 - Developing Personal Leadership (3)

This course examines practices that help an individual to develop better leadership skills for any leadership situation. Special attention is given to understanding personal strengths and developing skills in relating to other people.

Distribution: Business.

BLDR 4395 - Internship in Business Leadership (3)

This course permits students to enhance their knowledge within their major field of specialization through application concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisite: Senior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

Distribution: Business.

BMGT - Management

BMGT 3310 - Fundamentals of Management (3)

The management functions of planning, organizing, leading, and controlling will provide the framework for a study of management theories, research, and problem solving. Prerequisite: BADM 1301.

Distribution: Business.

BMGT 3315 - Organizational Behavior (3)

This course is a study of human behavior in organizations at the individual and group levels. Included topics are individual behavior, attitudes, perceptions, and motivations; group dynamics, interpersonal relations, communication, cooperation, and conflict; and organizational change, development, power, influence, and culture. Prerequisite: Grade of "C" or better in BMGT3310.

Distribution: Business.

BMGT 3321 - Human Resources Management (3)

Human resources management studies will include the personnel functions of employment planning, recruitment, selection, training and development, compensation, labor relations, and government regulations administration. Prerequisite: Grade of "C" or better in BMGT 3310.

Distribution: Business.

BMGT 3330 - Negotiation and Conflict Management (3)

This course is designed to explore theories, processes, and practices of conflict management and negotiation strategies for managerial activities. Special emphasis will be given to the areas of interpersonal and intergroup conflict, in addition to interpersonal influence techniques and the tactics and strategies involved with improved conflict management, bargaining, and negotiation. Prerequisite: BMGT 3310.

Distribution: Business.

BMGT 3334 - Team Management (3)

Issues related to team-based organizations are examined. Focus is placed on team development and leadership, including factors associated with high performing teams. Differences between team-based and traditional organizations are examined. Skills are developed to deal with problems faced by team leaders. Prerequisite: Grade of "C" or better in BMGT 3310.

Distribution: Business.

BMGT 3340 - Project Management (3)

This course is an introduction to the Project Management discipline from the management perspective. It is based on the foundations of the Project Management Institute and allows students to apply the knowledge learned from other management courses. Areas covered include communication, team management, leadership skills and evaluation of projects. Technology covered include scheduling and reading within Microsoft Project. Prerequisite: BMGT 3310

Distribution: Business.

BMGT 3345 - Nonprofit Management (3)

Nonprofit Management provides students with an overview of nonprofit organizations and operations. The course covers both general management practices that apply to all public and private organizations (marketing, strategic planning, inter-organizational relations, human resources, ethics, and financial management) and practices unique to nonprofits (boards and governance, volunteer management, legal responsibilities, fundraising, etc.). Prerequisite: BMGT 3310.

Distribution: Business.

BMGT 3360 - Entrepreneurial Management (3)

The purpose of this course is to develop the skills required to manage and grow a new venture, whether it is a for-profit or not-for-profit entity, through each of the stages of growth that new firms undergo. A successful entrepreneur needs to be able to not only envision and launch a new company, but also be able to manage a new company well and grow it successfully from a start-up to an on-going, business organization where other people like to work and can succeed. This course also exposes students to the entrepreneur who works inside a large organization and the skills required in that context. Prerequisite: BMGT 3310.

Distribution: Business.

BMGT 4322 - Small Business Management (3)

This study of starting and managing a small business is centered around a business plan. This includes formulating a business idea, assessing the market potential, selecting a location, selecting a legal form of organization, arranging financing, securing necessary supplies, meeting governmental regulations, securing and retaining appropriate employees, instituting accounting records, establishing appropriate controls, and developing production systems. Prerequisite: BMGT 3310.

Distribution: Business.

BMGT 4332 - Managing Workplace Diversity (3)

This course focuses on developing knowledge and skills for diversity awareness and management in the workplace. Students will examine how their own experiences shape their ability to effectively lead across multiple dimensions of diversity, including gender, race, ethnicity, age, religion, and disability, among others.

Distribution: Business.

BMGT 4340 - International Management (3)

This course examines the challenges facing managers that are competing in a global economy. Students learn to apply management concepts and techniques in a multinational, multicultural environment. In particular, students will obtain a working knowledge of the customs, cultures, and management practices of the major economic countries in the world. Global managers in today's world must be comfortable not only in dealing with internal managerial issues confronting their organizations but also external issues including the political, legal, theological, geographical and economic environments. Prerequisite: BMGT 3310.

Distribution: Business.

BMGT 4349 - Strategic Management & Policy (3)

Skills learned in many disciplines such as Management, Finance, and Marketing will be integrated to solve business

case problems. Chief executive-level decision making under conditions of uncertainty will be practiced. Prerequisites: BACC 2310, BFIN 3311, BMGT 3310, and BMKT 3311. Must have senior standing.

Distribution: Business.

BMGT 4395 - Internship in Management (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisite: Senior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

Distribution: Business.

BMKT - Marketing

BMKT 3310 - Service Based Marketing (3)

The course highlights the differences between product marketing and the marketing of services. Furthermore, the ability to develop, evaluate, implement, and lead effective marketing programs in service companies and organizations is covered. Attention is focused on the marketing function of not-for-profit organizations such as hospitals, educational institutions, police departments, and churches.

Distribution: Business.

BMKT 3311 - Principles of Marketing (3)

Introduces students to basic concepts, practices, and techniques of contemporary marketing.

Distribution: Business.

BMKT 3312 - Advertising and Promotion (3)

A survey course in advertising and other promotional techniques and their influence on the consumer buying process. Prerequisite: Grade of "C" or better in BMKT 3311.

Distribution: Business.

BMKT 3315 - Event Marketing (3)

This course introduces students to how to plan, manage and measure marketing for different types of events within varying industries. Focus is given to theories, concepts and skills required to promote events successfully. Prerequisite: Grade of "C" or better in BMKT 3311.

Distribution: Business.

BMKT 3322 - Consumer Behavior (3)

An interdisciplinary approach to the analysis and interpretation of the buying motives and behaviors of consumers. Psychological, economic, and social factors are related to marketing strategy and practice. Prerequisite : Grade of "C" or better in BMKT 3311, and junior standing.

Distribution: Business.

BMKT 3331 - Marketing Research (3)

A study of the principles and applications of marketing research with strong emphasis on research designs data. Prerequisite: BMKT 3311.

Distribution: Business.

BMKT 3353 - Selling and Sales Management (3)

A study of the sales process, including product knowledge, prospecting, the approach, presentation methods, handling objections, and closing techniques. Emphasis is also given to managing a sales force, including motivation and reward systems. Prerequisite: BMKT 3311.

Distribution: Business.

BMKT 4340 - International Marketing (3)

The "new global economy" makes it essential that students gain an appreciation of the rapidly evolving field of international marketing. This course considers the cultural, legal, political, and economic factors affecting international marketing of products and services. Emphasis will be placed on differences in life styles, beliefs, attitudes, and political environments and their influences upon marketing decisions. It explores how managers analyze global opportunities-buyer behavior, competitors, and marketing research. Prerequisite: BMKT 3311

Distribution: Business.

BMKT 4341 - Marketing Strategy (3)

A broadly based study of the marketing effort as seen from the point of view of the marketing manager. Prerequisites: BMKT 3311 and BMKT 3331. Taken during final semester.

Distribution: Business.

BMKT 4350 - Marketing Analytics (3)

Discover the power of data through marketing analytics. This course will explore analytical techniques through real-world case studies. Students will use research and analytical tools to interpret market trends, identify segmented markets, and formulate recommendations based on data.

Prerequisites: BQBA 2302 and BMKT 3311.

Distribution: Business.

BMKT 4360 - Marketing through Social Media (3)

A broadly based study of utilizing social media technology to enhance marketing for business. This course focuses on how social media is integrated within marketing strategy to implement tactics for business communication, sales, branding, global web presence, advertising and promotion. Students evaluate and measure social media strategies for business development and ROI. Prerequisite: BMKT 3311

Distribution: Business.

BMKT 4370 - Not-for-Profit Marketing (3)

This course introduces students to the basic marketing concepts, practices, and techniques used in nonprofit organizations. The uniqueness of non-profit organizations is addressed as well as how the marketing mix is applied. Fundraising, donor and recipient behaviors, and strategic plan development are highlighted. Prerequisite: BMKT 3311

Distribution: Business.

BMKT 4380 - New Product Marketing (3)

This course focuses on the issues, problems, and decisions marketers need to make when bringing a new product to market. The new product marketing process includes opportunity identification, product design, concept design and test marketing, as well as profit and loss. Prerequisite: BMKT 3311.

Distribution: Business.

BMKT 4395 - Internship (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisite: Senior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

Distribution: Business.

BQBA - Quantitative Business Analysis

BQBA 2301 - Introduction to Quantitative Methods (3)

An introduction to quantitative methods used in business. Topics include a thorough coverage of time value of money techniques through the use of a financial calculator and other technology-based tools, techniques, and methods for basic descriptive statistics and probability distributions, systems of linear equations, linear programming, an introduction to differential calculus, and break even analysis. Prerequisite: A grade of "C" or better in MATH 1306 or higher.

Distribution: Business.

BQBA 2302 - Business Data Analysis (3)

This course is an introduction to making business decisions through statistical analyses and graphical representations using technology-based methods. Topics include a review of descriptive statistical methods, measures of location and dispersion, probability, sampling methods, hypothesis testing, and linear regression. The focus of the course will be the application of statistical methods to real business problems. Prerequisite: A grade of "C" or better in MATH 1315 or equivalent.

Distribution: Business.

BSPH - Public Health

BSPH 2335 - Foundations of Health Sciences (3)

This course provides students an overview of various careers in the health sciences including the aptitudes, abilities and educational pathways required for each. A basic overview of the U.S. health care system and current issues affecting the delivery of health care will also be provided. Throughout the course, interprofessional practice, communication, and ethics in health care will be explored.

Distribution: School of Health Professions.

BSPH 2350 - Principles of Health Education and Promotion (3)

This course is essential to acquaint students with the profession of health education. An emphasis will be placed on increasing students' knowledge base of health education and promotion, professional culture, and practice of health educators. There are no prerequisites for this course.

Distribution: School of Health Professions.

BSPH 2352 - Personal Health and Fitness (3)

A study of factors that contribute to personal health, including nutrition, diet, weight control, emotional health, stress, proper use of drugs, and medical and dental services.

Distribution: School of Health Professions.

BSPH 3315 - Community and Public Health (3)

This course will introduce students to the many aspects of community and public health, and the role of health educators. Students will increase their understanding of community development, empowerment, and coalition building. An emphasis will also be placed on the role of epidemiology in community health, the process for planning and implementing community wellness programs, increase their knowledge of research proposal skills and different research designs, and prominent issues impacting

public health today. There are no prerequisites for this course.

Distribution: School of Health Professions.

BSPH 3320 - Program Planning in Health Education and Promotion (3)

This course will provide students with the knowledge and skills essential for the development and implementation of comprehensive health education programs. Students will develop an understanding of the principles of program development, implementation, and a brief overview of evaluation. Students will demonstrate their understanding of these principles and their ability to apply them in practice through the development and presentation of a comprehensive community needs assessment and an intervention proposal.

Distribution: School of Health Professions.

BSPH 4191 - Seminar in Public Health (1)

This course will be a one-credit hour course taken during the final semester of coursework as part of the professional preparation for students to enter the job markedt and to prepare students to succeed in passing the CHES examination.

Distribution: School of Health Professions.

BSPH 4285 - Capstone in Public Health (2)

This course will be a two-credit hour course taken during the final semester of coursework as a culminating experience where students have the opportunity to apply learned competencies to a topic in health promotion. A written project will be presented upon completion of the course.

Distribution: School of Health Professions.

BSPH 4310 - Theories in Health Behavior (3)

This course will prepare students for using theory in the development and implementation of health programs to ensure best evidence-based practice in health education and public health careers. This course will be designed to teach fundamental health behavior theories that drive research and practice in health education and public health. The appropriate balance between theory, research, and practice is imperative to producing effective health education programs.

Distribution: School of Health Professions.

BSPH 4340 - Health Program Evaluation (3)

This course will provide an understanding of the various types of program evaluation, including needs assessment, formative evaluation, process evaluation, monitoring of outputs and outcomes, impact evaluation, and outcome evaluation. Students will gain knowledge and practical experience through the design of a conceptual framework, development of indicators, and formulate an evaluation plan to measure program impact. Prerequisites: BSPH 2350 Foundations of Health Education and Promotion and BSPH 3320 Program Planning in Health Education and Promotion.

Distribution: School of Health Professions.

BSPH 4344 - Leadership in Health Science (3)

Provides foundational leadership principles in various settings within the exercise and sport science profession. Additionally, students will gain knowledge and skills in professional development and responsibility necessary to leadership and administration as a professional in exercise and sport science.

Distribution: School of Health Professions.

BSPH 4350 - Internship in Public Health (3)

This is a supervised applied practical experience which will take place at an extramural agency or organization engaged in work or sevice related to public health and health promotion. This allows students to apply learned competencies in a public health practice setting. This project requires written approval from the student's advisor and program director.

Distribution: School of Health Professions.

BSPH 4360 - Pathophysiology of Chronic Disease (3)

This course will cover pathophysiology of the major chronic diseased states such as cardiovascular disease, cerebrovascular disease, dyslipidemia, hypertension, diabetes, cancer, obesity, COPD, etc. and will include etiology symptoms, and the physical reactions to diseases. Emphasis is placed on the interactions among body systems, and deviations from homeostasis and the role of lifestyle and nutrition on the progression and prevention of these diseased states. Prerequisite: A "C" or higher in BIOL 2341/2141

Distribution: School of Health Professions.

BSPH 4370 - Fundamentals of Epidemiology for Health Promotion (3)

In this course, students will be introduced to the basic principles, concepts, and methods used in the field of epidemiology. Students will have the opportunity to analyze and review epidemiological approaches in health promotion. Epidemiologic tools presented in this course include vital statistics and rates, descriptive studies, observational studies, and experimental studies.

Distribution: School of Health Professions.

BSPH 4392 - Tests and Measurements in EXSS (3)

Tests and Measurement is designed to teach the student the foundational theory of measurement and evaluation including reliability, validity, objectivity, and relevance.

Practical application of test construction and test analysis will be an integral part of the course. Descriptive and inferential statistical procedures will be addressed.

Distribution: School of Health Professions.

BSYS - Business Systems

BSYS 3315 - Introduction to Supply Chain Management (3)

An overview of supply chain management focusing on both the product and services aspects of the supply chain and logistics. Emphasizes the logistical flow process from suppliers to manufacturers to distributors to retailers to the final customer. Examines the application of technology in the supply chain process. Explores topics including modes of transportation, warehousing, materials handling, inventory management, order fulfillment, and the economic aspects of the supply chain. Prerequisite: MATH 1315

Distribution: Business.

BSYS 3325 - Production Operations Management (3)

Management of the production and operations functions of manufacturing and service organizations will be studied. This course includes practical applications of quantitative methods in the analysis of the production and operations functions. Topics cover production objectives, plant location and facilities, quality and inventory controls, and systems analysis. Prerequisites: BMGT 3310; BQBA 2302 or its equivalent.

Distribution: Business.

BSYS 3355 - Distribution and Inventory Management (3)

Analyzes the logistical aspects of inventory management, transportation, distribution centers, domestic and global procurement, location analysis, and varying costs aspects related to supply chain partners. Prerequisite: BQBA 2302.

Distribution: Business.

BSYS 3385 - Purchasing and Procurement (3)

Analyzes purchasing and procurement aspects of the supply chain process including policies, procedures, contractual agreements, supplier selection, production and inventory control, competitive advantage and benchmarking, negotiation, and customer relations. Prerequisite: BQBA 2302.

Distribution: Business.

BSYS 4325 - Business Analytics and ERP (3)

This course addresses the ever-growing need for businesses to understand and capitalize on massive amounts of data being collected throughout the organization in order to make detailed and highly effective decisions. Topics include defining the problem, data collection, predictive analytics, transforming data into knowledge, data storage and querying, and knowledge presentation. Prerequisite: BSYS 3325

Distribution: Business.

BSYS 4330 - Supply Chain Management with ERP (3)

In this course the student will be introduced to the study of the movement of materials, services, and information from supplier to manufacturer or service provider to the customer. All aspects of the supply chain will be explored including coordinating and integrating the movement of resources within and among the stakeholders involved in the supply chain and the information technology aspects associated with the supply chain. Emphasis will be placed on managing the supply chain using ERP. Prerequisite: BSYS 3325. Lab fee.

Distribution: Business.

BSYS 4335 - Enterprise Architecture and ERP (3)

In this course, students are introduced to a process-oriented view of the organization. They will learn about the organization's relationships with suppliers and customers as well as gain a basic business knowledge in the core functional areas that are common to all organizations. Students will achieve a foundational understanding of how enterprise resource planning (ERP), customer relationship management (CRM) systems, and supply chain management (SCM) systems can automate the relationships between these core areas. By getting hands-on experience with SAP, one of the leading ERP systems in the world, students will be able to see how automation of these core functional areas can help achieve seamless integration and provide a high level view of the overall organization. Prerequisite: BSYS 3312. Lab Fee.

Distribution: Business.

BSYS 4370 - Supply Chain Management and Capstone Project (3)

In this course, students will learn project management principals and techniques and apply them in a supply chain management setting. They will also apply supply chain management techniques using an ERP simulation. Prerequisites: BSYS 4330 and Senior standing. Lab fee.

Distribution: Business.

BSYS 4395 - Internship in Business Systems (3)

This course permits students to enhance their knowledge within Business Systems through the application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisite: Senior standing; 3.0 G.P.A. in major and overall; and written

consent of the Associate Dean prior to registration. Administration fee.

Distribution: Business.

CCST - Christian Studies

CCST 2200 - Research and Writing in Christian Studies (2)

This course is designed to improve the research and writing skills of students for academic and ministry purposes. Prerequisite: CSBS 1311 or CSBS 1312 and ENGL 1321.

Distribution: Christian Studies.

CCST 3300 - Christianity and Life (3)

Students will apply Christian perspectives to selected issues in contemporary life. Students will explore biblical, historical, theological, and/or ethical insights. The course will examine various contemporary topics based on the expertise and interest of the professor.

Distribution: Christian Studies.

CCST 3301 - Spiritual Formation (3)

This course is a study of the theology, processes and practices of the formation in the believer of the character of Christ by the ministry of the Spirit for the sake of others. Attention is given to the practices of personal and corporate spiritual disciplines. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CCST 4110 - Religion and Public Life Capstone (1)

The Religion and Public Life Capstone examines the complicated intersection between religion and American culture from historical, theological, and sociological perspectives. Students in this course will analyze issues such as civil religion, Christian nationalism, Christianity and justice, religious demographics, religion and politics, and theories of the common good.

Distribution: Christian Studies.

CCST 4190 - Senior Capstone (1)

Through readings, research and writing, Christian studies students complete their university learning experience. The course emphasizes the formulation of theoretical, ethical and practical perspectives in the students' chosen areas of Christian study and vocational service. Students also prepare for and take assessment examinations and complete program evaluations during the course. This is a Writing Emphasis course.

Distribution: Christian Studies.

CHEM - Chemistry

CHEM 1110 - General Chemistry I Lab (1)

Emphasis on developing student laboratory techniques for general chemistry studies. Designed for transfer students with credit for General Chemistry I lecture. Prerequisite: Credit for a General Chemistry I lecture course and approval of instructor. Laboratory fee.

Distribution: Sciences.

CHEM 1120 - General Chemistry II Lab (1)

Continued studies in general chemistry laboratory techniques. Designed for transfer students with credit for General Chemistry II lecture. Continuation of CHEM 1110. Prerequisite: Credit for General Chemistry II lecture and approval of instructor. Laboratory fee.

Distribution: Sciences.

CHEM 1191 - Seminar (1)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 1193 - Chemical Research (1)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 1291 - Seminar (2)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 1293 - Chemical Research (2)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 1390 - Independent Learning (3)

Studies in Chemistry involving either use of chemical literature or laboratory techniques or both. Prerequisite: Permission of department chairperson.

Distribution: Sciences.

CHEM 1391 - Seminar (3)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 1393 - Chemical Research (3)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 1400 - Chemistry and Society (4)

This course is designed to meet the requirements for a laboratory science course for students who do not plan to major in Biology or Chemistry. The course will not meet requirements for Nursing or other Health Careers students. In addition to providing an introduction to some basic concepts of Chemistry, the course is designed to acquaint students with the impact of current science and technology on their everyday lives by examining the chemistry of life, food additives, drug, detergents, cosmetics, paints, space, and others. The course will not count toward a Chemistry major or minor. Laboratory fee.

Distribution: Sciences.

CHEM 1401 - Introduction to Forensic Science (4)

This is an introductory, applied course for students who are not planning to major in Biology or Chemistry, but who are interested in the technical methods used to enforce our criminal and civil laws. Students with interests in the scientific aspects of the Criminal Justice field or those who desire additional knowledge of the capabilities of a typical crime laboratory extending beyond that of magazine articles or televised programs, will benefit from the material. Real life examples of the principles and techniques of physical and natural science as practiced and applied to the analysis of crime scenes are to be discussed. Laboratory fee.

Distribution: Sciences.

CHEM 1402 - Environmental Science (4)

Environmental Science is a course designed for students who are not planning to major in Biology or Chemistry. Using the global approach, the course will focus on environmental principles, problems, and potential solutions. A chemical emphasis will be given where applicable to such topics as materials, waste management and waste treatment, energy resources, population increases, water and water pollution, air and air pollution, using and misusing land, and environmental legislation. The laboratory activities will reinforce concepts covered in the classroom with experiments and demonstrations. (same as ENVR 1402) Laboratory fee.

Distribution: Sciences.

CHEM 1410 - General Chemistry I (4)

This course is designed to prepare the natural science major, as well as pre-health professions students, for additional studies in chemistry. Fundamental topics in chemistry including atomic theory, stoichiometry, solutions, gases, thermochemistry, quantum theory, the periodic table, and chemical bonding are covered, including calculations methods. General techniques and fundamental properties are emphasized in the laboratory. Prerequisite: Credit or concurrent enrollment in MATH 1306 or MATH 1320, or adequate high school background.

Distribution: Sciences.

CHEM 1420 - General Chemistry II (4)

Continuation of CHEM 1410. Condensed phases, solution properties, kinetics, equilibria, acid-base systems, thermodynamics, electrochemistry, and nuclear chemistry are covered. General techniques and fundamental properties are emphasized in the laboratory. Prerequisite: CHEM 1110/1410.

Distribution: Sciences.

CHEM 1430 - The Science of Music (4)

An introduction to the scientific background of music including classical mechanics, oscillating systems and acoustics, the nature of matter, and materials science. The course will emphasize physical principles which provide a firm foundation in acoustical phenomena, room acoustics and the physics and chemistry of musical instruments. This course will be especially useful to the music student. Three hours lecture and two hours laboratory per week. Designed for non-science majors. Laboratory fee.

Distribution: Sciences.

CHEM 1441 - College Chemistry (4)

This course is designed to provide the pre-nursing student with a fundamental understanding of general chemical principles. Atomic structure, bonding, nomenclature, chemical equations, and a problem-solving approach to stoichiometry, gases, solutions, acids and bases, and oxidations-reduction are covered. Basic techniques and fundamental properties are emphasized in the laboratory.

This course does not fulfill the prerequisite for CHEM 1420. Laboratory fee.

Distribution: Sciences.

CHEM 1491 - Seminar (4)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 1493 - Chemical Research (4)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 2181 - Introduction to Chemical Research-Capstone I (1)

An introduction to the methods of Chemical Research, including literature studies; the design, execution and analysis of experiments; and the documentation and presentation of results. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 2191 - Seminar (1)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 2193 - Chemical Research (1)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 2291 - Seminar (2)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 2293 - Chemical Research (2)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 2391 - Seminar (3)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 2393 - Chemical Research (3)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 2440 - Foundations of Bio-Organic Chemistry (4)

Important organic and biological compounds and their physical and chemical properties will be covered with additional study given to their roles in biochemical processes. Prerequisite: CHEM 1441 or equivalent. Laboratory fee. As needed.

Distribution: Sciences.

CHEM 2491 - Seminar (4)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 2493 - Chemical Research (4)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 3001 - Lab Assistantship (0)

Faculty-directed experience in assisting with laboratory studies. May be repeated subject to availability of assignments. Prerequisite: Approval of department chairperson.

Distribution: Sciences.

CHEM 3110 - Organic Chemistry I Lab (1)

Laboratory component of Organic Chemistry I. Preparation of representative organic compounds and introduction to qualitative and quantitative organic analysis. Designed for transfer students with credit for Organic Chemistry I lecture. Prerequisite: Credit for an Organic Chemistry I lecture course and approval of instructor. Lab fee.

Distribution: Sciences.

CHEM 3120 - Organic Chemistry II Lab (1)

Laboratory component of Organic Chemistry II. Continued studies in Organic Chemistry laboratory techniques. Designed for transfer students with credit for Organic Chemistry II lecture. Prerequisite: Credit for an Organic Chemistry II lecture course and approval of instructor. Lab fee.

Distribution: Sciences.

CHEM 3130 - Pre-Med Seminar (1)

Mentorship fore pre-med and other pre-health professions students. Surveys the preparation for and procedure of applying to medical and other health professions schools. Provides information on locating necessary resources and effective scheduling to meet deadlines in submitting documents, and taking exams such as the MCAT.

Distribution: Sciences.

CHEM 3191 - Seminar (1)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 3193 - Chemical Research (1)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 3291 - Seminar (2)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 3293 - Chemical Research (2)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 3391 - Seminar (3)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 3393 - Chemical Research (3)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 3400 - Quantitative Analysis (4)

Fundamental methods and theories of acid-base, precipitation, complex-formation, oxidation-reduction titration, and gravimetric methods of analysis. Prerequisite: CHEM 1420. Lab fee.

Distribution: Sciences.

CHEM 3410 - Organic Chemistry I (4)

A systematic study of carbon compounds. Laboratory work consists of preparation of representative organic compounds and an introduction to qualitative and quantitative organic analysis. Prerequisite: CHEM 1410. Lab fee.

Distribution: Sciences.

CHEM 3420 - Organic Chemistry II (4)

A continuation of CHEM 3410. Prerequisite: CHEM 3410. Lab fee.

Distribution: Sciences.

CHEM 3440 - Physical Chemistry I (4)

Kinetic theory; classical thermodynamic principles with an introduction to statistical thermodynamics; thermodynamics of chemical reactions and equilibrium; reaction kinetics and modern structural concepts. Prerequisites: CHEM 1420 and Credit for or concurrent enrollment in MATH 1430 and PHYS 2411 or PHYS 2421. Lab fee.

Distribution: Sciences.

CHEM 3450 - Physical Chemistry II (4)

A continuation of CHEM 3440. Prerequisites: CHEM 1120/1420 and credit for or concurrent enrollment in MATH 1430 and PHYS 2411 or PHYS 2421. Lab fee.

Distribution: Sciences.

CHEM 3480 - Environmental Chemistry (4)

A study of the principles and concepts of Environmental Chemistry. The chemical processes of the atmosphere, hydrosphere, and lithosphere will be investigated. The effect of man-made pollutants on these chemical processes will also be studied. Laboratory will focus on environmental sampling and analysis techniques. Lab fee. Prerequisite: CHEM 3400.

Distribution: Sciences.

CHEM 3491 - Seminar (4)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 3493 - Chemical Research (4)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4001 - Lab Assistantship (0)

Faculty-directed experience in assisting with laboratory studies. May be repeated subject to availability of assignments. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4025 - Surgical Scholars (0)

The Surgical Scholars Program includes discussions with and shadowing of surgeons, as well as other activities designed to provides students additional preparation for career choices and medical school. Enrollment is by application only. Background check and drug screening are required. Prerequisite: Meet minimum application requirements and approval of the Associate Dean for Natural Sciences. Course fees.

Distribution: Sciences.

CHEM 4090 - Senior Evaluation (0)

Students majoring in chemistry must complete the chemistry achievement examination prior to graduation. Prerequisite: Consent of department chairperson. Fee.

Distribution: Sciences.

CHEM 4160 - Practicum in Clinical Chemistry (1)

Supervised study will be carried out at the Veterans Administration facilities in Temple, Texas, or at an equivalent site. The study may involve applied clinical laboratory activities or more basic research programs. Supervision and evaluation of the study will be conducted by designated member(s) of the staff at the site. The student will normally be expected to write a formal report covering work done. A written examination and/or oral examination may be given at the conclusion of the study. Lab fee. Prerequisite: A minimum of 28 semester hours of Chemistry. In addition, a student may enroll for this course only after receiving the joint approval of the department chairperson and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

Distribution: Sciences.

CHEM 4181 - Chemical Research-Capstone II (1)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required. Library work and a written report may also be required. Prerequisite: approval of instructor.

Distribution: Sciences.

CHEM 4183 - Seminar - Capstone III (1)

Requirements may include a literature search, oral presentation, and formal paper describing the studies and results of the student's work in CHEM 4181. Prerequisite: CHEM 4181 and approval of instructor.

Distribution: Sciences.

CHEM 4191 - Seminar (1)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: permission of instructor.

Distribution: Sciences.

CHEM 4193 - Chemical Research (1)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of

laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4260 - Practicum in Clinical Chemistry (2)

Supervised study will be carried out at the Veterans Administration facilities in Temple, Texas, or at an equivalent site. The study may involve applied clinical laboratory activities or more basic research programs. Supervision and evaluation of the study will be conducted by designated member(s) of the staff at the site. The student will normally be expected to write a formal report covering work done. A written examination and/or oral examination may be given at the conclusion of the study. Laboratory fee. Prerequisite: A minimum of 28 semester hours of Chemistry. In addition, a student may enroll for this course only after receiving the joint approval of the department chairperson and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

Distribution: Sciences.

CHEM 4291 - Seminar (2)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: permission of instructor.

Distribution: Sciences.

CHEM 4293 - Chemical Research (2)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor

Distribution: Sciences.

CHEM 4300 - Safety in the Academic Laboratory (3)

An introduction to legal aspects of academic laboratory safety, basic concepts of a laboratory safety program, Material Safety Data Sheets, and waste disposal for academic science laboratories K-12. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4310 - Handling Hazardous Materials (3)

A study of the principles and methods of handling hazardous materials in the workplace. Coverage includes the nature and scope of hazards in the workplace and an overview of regulations of hazardous materials and worker safety, occupational diseases, fundamentals of industrial hygiene, basic concepts of toxicology, and an introduction to risk assessment. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4311 - Environmental Issues (3)

Concepts of Environmental Science will be introduced. Study will focus on the major environmental issues of the day, including technological, economic, and ethical aspects of these issues. Methods of risk-benefit analysis will be presented. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4345 - Advanced Biochemistry (3)

A survey of molecular processes within living systems. Topics include, but are not limited to: replication, transcription, and translation. The course builds on the topics that are covered in CHEM 4430. Prerequisite: CHEM 4430 with a “C” or higher.

Distribution: Sciences.

CHEM 4350 - Advanced Inorganic Chemistry (3)

Theories of bonding in inorganic systems, coordination chemistry, mechanisms of inorganic reactions, acid-base theory, Born-Haber cycles, oxidation potential, and structured concepts. Prerequisite: Credit in a 3000-level Chemistry course.

Distribution: Sciences.

CHEM 4360 - Practicum in Clinical Chemistry (3)

Supervised study will be carried out at the Veterans Administration facilities in Temple, Texas, or at an equivalent site. The study may involve applied clinical laboratory activities or more basic research programs. Supervision and evaluation of the study will be conducted by designated member(s) of the staff at the site. The student will normally be expected to write a formal report covering work done. A written examination and/or oral examination may be given at the conclusion of the study. Laboratory fee. Prerequisite: A minimum of 28 semester hours of Chemistry. In addition, a student may enroll for this course only after receiving the joint approval of the department chairperson and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

Distribution: Sciences.

CHEM 4391 - Seminar (3)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 4393 - Chemical Research (3)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Course level ("V ") may range between 1 and 4 or Freshman through Senior level. Laboratory Fee. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4430 - Biochemistry (4)

A survey of life molecules with emphasis on their roles in metabolic processes. The laboratory is an introduction to classical biochemical techniques. Prerequisite: CHEM 3410 and CHEM 1420. Lab fee.

Distribution: Sciences.

CHEM 4440 - Instrumental Analysis (4)

Theoretical basis for an application of instrumental methods of chemical analysis, including a wide variety of spectral and chromatographic techniques. Prerequisites: a 3000-Level chemistry course with a “C” or higher, or CHEM 1420 with a “C” or higher and permission of the instructor. Lab fee.

Distribution: Sciences.

CHEM 4460 - Practicum in Clinical Chemistry (4)

Supervised study will be carried out at the Veterans Administration facilities in Temple, Texas, or at an equivalent site. The study may involve applied clinical laboratory activities or more basic research programs. Supervision and evaluation of the study will be conducted by designated member(s) of the staff at the site. The student will normally be expected to write a formal report covering work done. A written examination and/or oral examination may be given at the conclusion of the study. Laboratory fee. Prerequisite: A minimum of 28 semester hours of Chemistry. In addition, a student may enroll for this course only after receiving the joint approval of the department chairperson and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

Distribution: Sciences.

CHEM 4491 - Seminar (4)

Requirements may include a literature search, oral presentation, and written abstract on a relevant topic in Chemistry. Prerequisite: Permission of instructor.

Distribution: Sciences.

CHEM 4493 - Chemical Research (4)

Students will conduct chemical research in collaboration with a faculty member. A minimum of 3 clock hours of laboratory work per week will be required for each semester hour of credit. Library work and a written report of work will also be required. Prerequisite: Approval of instructor.

Distribution: Sciences.

CHEM 4560 - Practicum in Clinical Chemistry (5)

Supervised study will be carried out at the Veterans Administration facilities in Temple, Texas, or at an equivalent site. The study may involve applied clinical laboratory activities or more basic research programs. Supervision and evaluation of the study will be conducted by designated member(s) of the staff at the site. The student will normally be expected to write a formal report covering work done. A written examination and/or oral examination may be given at the conclusion of the study. Laboratory fee. Prerequisite: A minimum of 28 semester hours of Chemistry. In addition, a student may enroll for this course only after receiving the joint approval of the department chairperson and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

Distribution: Sciences.

CHEM 4660 - Practicum in Clinical Chemistry (6)

Supervised study will be carried out at the Veterans Administration facilities in Temple, Texas, or at an equivalent site. The study may involve applied clinical laboratory activities or more basic research programs. Supervision and evaluation of the study will be conducted by designated member(s) of the staff at the site. The student will normally be expected to write a formal report covering work done. A written examination and/or oral examination may be given at the conclusion of the study. Lab fee. Prerequisite: A minimum of 28 semester hours of Chemistry. In addition, a student may enroll for this course only after receiving the joint approval of the department chairperson and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

Distribution: Sciences.

CISC - Computer Science

CISC 1305 - Introduction to Computing (3)

The course examines the various aspects of Computer and Engineering Sciences. Topics will include the basic concepts of structured programming, structured systems design and development alternatives, systems environments, hardware organization and architecture, telecommunications, operating systems, computer graphics design, technology training, and multimedia. Lab fee.

Distribution: Sciences.

CISC 2315 - Discrete Structures of Computer & Engineering Sciences (3)

A foundational course designed to introduce students to the concepts of discrete structures for Computer Science and to prepare them for courses that will utilize the methods they have mastered. Students will have practical experience using various discrete structure techniques to solve problems in Computer Science. Topics covered will be propositional and predicate logic, inference, functions, Boolean algebra, combinational digital logic, discrete probability, finite state machines and computability. Topics also covered are sets, recursive programs, graphs, trees, and lists. Prerequisite: CISC 1305 or ENGR 1320. Lab Fee.

Distribution: Sciences.

CISC 2330 - Introduction to Object-Oriented Programming (3)

A foundational course designed to be a first course in object–oriented programming. The emphasis is on basic structured programming techniques including program design, problem-solving and data manipulation. Students will use the "Java" programming language to facilitate learning. Prerequisite: CISC 1305 or ENGR 1320. Lab fee.

Distribution: Sciences.

CISC 3321 - Object Oriented Development (3)

The course introduces students to intermediate topics involved in developing object-oriented systems. Students are expected to develop working knowledge of classes with Object-Oriented Programming (OOPs) tools. Non-programming techniques to solve problems, i.e., algorithms, will be emphasized in this course. Students will use the "C++" programming language to facilitate learning. Lab fee. Prerequisite: CISC 2330.

Distribution: Sciences.

CISC 3322 - Web Development (3)

The study of the concepts and techniques used in the development of web applications, with an emphasis on the client-side web technologies. Topics include HTTP, HTML, CSS, JavaScript and PHP. Prerequisites, CISC 2330. Lab fee.

Distribution: Sciences.

CISC 3323 - Algorithms & Data Structures (3)

This course is a systematic study of the techniques used to develop quality-programming designs. Using the Python programming language, students will learn to 1) develop data structures such as stacks, queues, lists, and trees, graphs and 2) use programming algorithms that involve searching, sorting and recursion. Prerequisite: CISC 2315. Lab Fee.

Distribution: Sciences.

CISC 3325 - Telecommunications & Networks (3)

The course covers telecommunications, network terminology, and specific standards employed to create and maintain networks both locally, nationally, and globally. Topics covered include the ISO model, World Wide Web, network topologies, protocols, and security. Prerequisite: CISC 2315. Lab Fee.

Distribution: Sciences.

CISC 3341 - Operating Systems (3)

Introduction to theoretical concepts embedded in modern operating systems and utilized historically by the computer industry serve as the foundation of the course. Workstation, and server operating systems, i.e. MS Windows, and Linux, will be discussed. Topics include process and inter-process management, main and virtual memory, algorithms to control critical region and deadlocks. Lab fee. Prerequisite: CISC 2315 and CISC 2330.

Distribution: Sciences.

CISC 3360 - Computer Organization & Architecture (3)

The course will introduce PC microprocessor structures and the instruction set, addressing techniques, relocation, binding, and parameter passing. The course will also cover gates, registers, decoders, encoders, multiplexers, adders, multipliers, busses, memory, I/O devices and interfaces, clocks, cycles, control signals. Lab fee. Prerequisite: CISC 2315 and CISC 2330.

Distribution: Sciences.

CISC 3390 - Independent Study (3)

Independent problem research under the guidance of a faculty member. Course level ("V") may range between 2 and 4, or sophomore through senior level, respectively. One to four hours of credit. Lab fee. Administration fee. Prerequisite: Written consent of the supervising professor, department chairperson, and Dean prior to registration.

Distribution: Sciences.

CISC 4310 - Artificial Intelligence (3)

This course introduces students to the field of artificial intelligence (AI) through investigation of some of the basic structures in use. As AI is becoming ever more prevalent in a variety of industries, such as the automotive, aerospace, technology, industrial design and gaming industries, a diverse selection of AI strategies will be considered. Topics to be covered include automatons, decision structures, Bayesian networks, machine learning, and neural networks. Students will build AI agents to solve simple problems . Prerequisites: CISC 3323 and MATH 1430. Lab fee.

Distribution: Sciences.

CISC 4321 - Advanced Object-Oriented Development (3)

The course addresses the issues involved in developing advanced object-oriented systems. Students develop an object oriented application system with CASE tools and Object-Oriented Technologies (OOTS). Prerequisite: CISC 3321. Lab fee.

Distribution: Sciences.

CISC 4323 - Structured Design of Software (3)

The course introduces the software engineering topic of structured design of software. Prerequisite: CISC 3323. Lab fee.

Distribution: Sciences.

CISC 4324 - Network Security (3)

The course introduces the topic of security in the context of computer networks. The course examines topics such as authentication, intrusion detection, firewalls, risk assessment, and integrity of data transmitted over the internet. Prerequisite: CISC 3325. Lab fee.

Distribution: Sciences.

CISC 4325 - Network Security II: Cryptography (3)

The course introduces the topics of cryptography in the context of computer network security. Students examine topics such as basic key encryption, message integrity, hashing functions, public keys, encryption, digital signature, authentication, key and wireless computing. Prerequisite: CISC 3325. Lab fee.

Distribution: Sciences.

CISC 4327 - Database Theory and Application (3)

Introduction to database systems. Relational database topics include data modeling, query languages, database design, and query optimization. Alternative data management approaches will be converted including semi-structured data, XML, and text retrieval. Application topics will include web data management, integration of data sources, security, and data mining. Prerequisites: CISC 3322. Lab fee.

Distribution: Sciences.

CISC 4328 - Computer Security (3)

This course provides a broad introduction to the theory and practice of computer systems security. Topics include operating system security, computer application security (e.g., Web, Email), software security, malicious software, and security issues in mobile computing. Prerequisites: CISC 3341.

Distribution: Sciences.

CISC 4335 - Big Data (3)

This course will examine the theories and applications to analyze the big data. It will introduce the big data cloud computing environment and various applications such as Hadoop, Spark and Hive that can be integrated with various database systems and machine learning algorithms. Lab fee. Prerequisite: CISC 3323. Lab fee.

Distribution: Sciences.

CISC 4340 - Data Analysis and Visualization (3)

This course will examine various data types and methods to analyze and visualize the data. It will cover the data pipeline: data collection, cleaning, exploration, modeling, visualization and applications. Lab fee. Prerequisite: CISC 3323. Lab fee.

Distribution: Sciences.

CISC 4347 - Graphics Programming (3)

The course will cover the basic algorithms, techniques, principles for design, use and understanding of graphical display. Students will implement two-dimensional renderings of mathematical and scientific data as well as photo-realistic objects. In addition, design of Graphical User Interface (GUI) will be covered. Prerequisites: CISC 3321 and MATH 2320. Lab fee.

Distribution: Sciences.

CISC 4349 - Graphical Games Programming (3)

In this course, students work both independently, and in groups, to develop, either from the scratch or template, meaningful graphical games using the JAVA language. Students study various graphical game engines & techniques, i.e. real-time 2D/3D graphics, lighting, terrain and texture mapping, visibility and occlusion, collision detection and avoidance, character animation, and Artificial Intelligence characters. We will explore two-dimensional and three-dimensional renderings of mathematical and scientific data (such as fractals), as well as photo-realistic objects using C++. Important notice: At least fifteen (15) contact hours, as well as a minimum of thirty (30) hours of student homework is required for each credit hour. Mode of delivery will consist of lectures and lab work. Prerequisite: CISC 3321 or equivalent. Lab fee.

Distribution: Sciences.

CISC 4352 - System Programming (3)

The course examines various components of supervisory systems: assembler, linker, loader, monitors, interrupts, processors, I/O routines, etc. Particular emphasis will be given to applying the concepts of computer architecture to graphical programming. Prerequisite: CISC 3360 or ENGR 3337. Lab fee.

Distribution: Sciences.

CISC 4370 - Computer Science & Engineering Ethics Seminar (3)

The "cap-stone" course for all CS majors begins with a seminar-style discussion of crucial aspects of computer ethics. In light of these discussions, students will then employ development techniques in the design and implementation of a hardware/software solution for a current topic of Computer Science. Prerequisite: A Junior-standing CSE major and WRIT 3344. Lab fee.

Distribution: Sciences.

CISC 4390 - Independent Study (3)

Independent problem research under the guidance of a faculty member. Course level ("V") may range between 2 and 4, or sophomore through senior level, respectively. One to four hours of credit. Lab fee. Administration fee. Prerequisite: Written consent of the supervising professor, department chairperson, and Dean prior to registration.

Distribution: Sciences.

CISC 4395 - Internship (3)

This course permits students to enhance their knowledge within a field of Computer Science specialization through application of concepts, principles, and techniques learned in the classroom. The course will consist of supervised unpaid or paid work as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Prerequisites: written consent of department chairperson. Administration fee required.

Distribution: Sciences.

COMM - Communication

COMM 1180 - Communication Foundations (1)

An overview of the various communication majors, including career options, with a discussion of vocation and calling. Students will also begin work on their portfolio and discuss various sub-disciplines within the communication field.

Distribution: Humanities.

COMM 1315 - Introduction to Communication (3)

A survey course designed to introduce the student to all types of communication study, including interpersonal, small group, public and mass communication environments. Emphasis is on understanding how communication sub-disciplines interrelate on a theoretical level. This course is part of the communication core common to all majors in the department. This course is a Writing Emphasis (WE) course.

Distribution: Humanities.

COMM 1320 - Public Speaking (3)

A study of the principles of effective speaking. Practice in creating, organizing, and presenting informative, persuasive, and entertaining speeches.

Distribution: Humanities.

COMM 2180 - Practicum in Communication (1)

Discussion of vocation and calling, with an emphasis on writing and speaking about one’s career in communication. Continued development of student portfolios. Prerequisite: COMM1180 or permission of instructor.

Distribution: Humanities.

COMM 2320 - Introduction to Mass Media (3)

Survey of mass media effects and careers. Study includes the history and use of books, magazines, newspapers, radio, movies, music, television, digital media, advertising and public relations. Emphasis on media-particularly social, political, economic and legal. Topics focus on media theory, ethics and trends in commercialization conglomeration, converging technologies and globalization. This course is part of the communication core common to all majors in the department.

Distribution: Humanities.

COMM 2330 - Copy Editing (3)

Essential course of Mass Communication majors. Teaches students how to identify grammar, spelling and punctuation errors, improve clarity, remedy inconsistencies and redundancies. Students will learn to edit information in accordance with writing standards for journalism and public relations according to the Associated Press Stylebook.

Distribution: Humanities.

COMM 2335 - Film Appreciation (3)

This class introduces the film styles of narrative films, documentary films, and stylistic techniques used in filmmaking in order to better understand how meaning is constructed, conveyed, and interpreted in film. This course satisfies the Fine Arts requirement in the Academic Core.

Distribution: Humanities.

COMM 2360 - Introduction to Media Writing (3)

Students will learn interviewing techniques; and the location, retrieving, assessing, and verifying of information; advanced writing techniques in news, features, entertainment, sports, columns, and editorials. Basic proficiency in the use of a digital camera, the Associated Press stylebook, and layout, design, and editing software is required. Portfolio required.

Prerequisite: ENGL 1321 and ENGL 1322 (or equivalent).

Distribution: Humanities.

COMM 2370 - Introduction to Public Relations (3)

An introductory survey of public relations history, definition, principles, practices and codes of ethics. Career options and trends in business, government, non-profits and other entities are also discussed.

Distribution: Humanities.

COMM 2390 - Introduction to Film Studies (3)

A survey of the film industry and the process of making motion pictures. Special attention given to the basics of film directing, acting, editing, cinematography and design, and to career paths in film and television.

Distribution: Humanities.

COMM 3310 - Persuasion (3)

The study of the process of attitude change from a psychological and a rhetorical perspective. Students will read texts, study persuasive artifacts (including advertisements, films, novels, and newspaper articles), write papers, and give oral presentations to the class. Prerequisite: COMM 1320.

Distribution: Humanities.

COMM 3320 - Storytelling (3)

This course covers the oral interpretation of literature. Students will study techniques of and gain practical experience in expressive reading aloud and in telling stories. Recommended for those certifying to teach and for those interested in working with youth.

Distribution: Humanities.

COMM 3325 - Advanced Public Speaking (3)

Discussion of the history and the societal impact of oral communication. Creation and delivery of extended, challenging speeches. Prerequisite: COMM 1320.

Distribution: Humanities.

COMM 3330 - Photojournalism (3)

Relying on historic and iconic photographs that tell a story, this course covers a variety of photojournalistic subjects including general news, sports, features and caption writing and politics. Students will study major historical events in photojournalism, identify ethical issues and review their relevance to today's photojournalists. Students are required to spend a time with a story in order to accurately photograph news events and get enough photos to effectively illustrate the story. Prerequisites: COMM 2330 & COMM 2360.

Distribution: Humanities.

COMM 3340 - Screenwriting (3)

An introduction to the process of writing screenplays for television and film. Topics covered include character development, genre, plot structure, dialogue, audience analysis and writing/revision. Other topics covered at instructor's discretion.

Distribution: Humanities.

COMM 3343 - Documentary Filmmaking (3)

Production of a documentary project from idea through final cut, culminating in a public screening. Course Fee.

Distribution: Humanities.

COMM 3345 - Film History and Criticism (3)

A study of the history and expression of film art throughout the world. Students will view films from all eras of film history and from a variety of cultures and nations of the world, and engage with them using classic and contemporary critical theory.

Distribution: Humanities.

COMM 3350 - Competitive Oral Interpretation (3)

A survey of essential material for participation in interpretive individual events in forensic competition and training in vocal health and production, accent, and dialect.

Distribution: Humanities.

COMM 3351 - Argumentation & Debate (3)

An introduction to theory and practice of academic debate and the argumentation principles which underlie them.

Distribution: Humanities.

COMM 3365 - Advanced Media Writing and Design (3)

Integrates interviewing, writing and reporting skills to produce in-depth stories, plus learning a professional layout and design software program. Students will work on multiple-source projects writing complex articles. Students also will begin using an industry-standard design and layout software program incorporating text, headlines and images in their design projects. This course builds on previous coursework in writing, AP Style and digital photography. Online portfolio required for final project. Outstanding students may progress to a limited number of paid student publication staff positions. Lab Fee. Prerequisite: COMM 2360

Distribution: Humanities.

COMM 3368 - Broadcasting (3)

Students will write and edit news, conduct interviews and develop commercials for broadcast and new media, as well as train in the use of video camera and editing processes. Prerequisites: COMM 2360 and 3365.

Distribution: Humanities.

COMM 3370 - Advanced Public Relations (3)

This course will focus on specific topics such as PR theory and practice beyond the scope of the introductory course. This includes program planning, budgeting, media relations, social media and event planning. PR writing will be emphasized as well as building and managing organizational image. Prerequisites: COMM 2330 Copy Editing and COMM 2370 Intro to Public Relations.

Distribution: Humanities.

COMM 3375 - Magazine Non-Fiction & Newspaper Feature Writing (3)

Researching, interviewing, writing and editing for magazine non-fiction and newspaper feature articles, both online and print. Surveying various local, state, and national publications; identifying freelance markets with an emphasis on publication. Prerequisite: COMM 2360.

Distribution: Humanities.

COMM 3385 - Special Topics in Rhetoric (3)

Students will analyze and critique speeches and other rhetorical acts taken from a specific historical period or social movement and evaluate them by applying theories of rhetorical action. Prerequisites: COMM 1320.

COMM 3386 - African-American Rhetoric (3)

Students will analyze and critique speeches and other rhetorical acts taken from the American civil rights movement and evaluate them by applying theories of rhetorical action. Prerequisite: COMM 1320

Distribution: Humanities.

COMM 4150 - Review for Certification Exam (1)

This class prepares the student for taking the state certification exams for secondary teaching.

Distribution: Humanities.

COMM 4180 - Capstone Experience in Communication (1)

Presentation of portfolios, exit surveys and a service-learning project. Students will take a departmental capstone exam in their area of study within the communication discipline. Writing assignments related to vocation, the student's sub-discipline of communication, and the service project. This is a Writing Emphasis (WE) course. Prerequisite: COMM 2180 or permission of instructor.

Distribution: Humanities.

COMM 4194 - Internship: Journalism (1)

Part-time paid or unpaid field experience in journalism. Students will pair with a mentor at a newspaper, magazine, radio/television station or video/audio production facility and learn writing, reporting, editing, interviewing, research, social media management, web design and other skills. Daily log of activities must be kept. Final paper and computer graphics presentation required upon completion.

Prerequisites: COMM 2370, COMM 3365 and senior standing (or permission of faculty advisor).

Distribution: Humanities.

COMM 4197 - Internship: Public Relations (1)

Part-time paid or unpaid field experience in public relations. PR track students must complete THREE separate internships (4197.01, 4197.02, and 4197.03). Each internship is 70 hours. Students are responsible for securing their own PR internships. The PR program coordinator must approve each PR internship beforehand. Students will pair with a PR mentor/organization and learn practical PR skills.

Distribution: Humanities.

COMM 4320 - The Business of Media (3)

In conjunction with the Sundance Film festival, this course will cover the business decisions that a filmmaker needs to think about in regards to their finished film. A course fee will be required and will cover the expense of travel, lodging, food and applicable fees for attending the festival.

Distribution: Humanities.

COMM 4325 - Freelancing (3)

This course will focus on traditional film and media production in addition to the skills required by the role of a freelance media person once you graduate.

Distribution: Humanities.

COMM 4335 - Social Media for Communicators (3)

Social media and digital/online media have become pervasive in public relations. This course will provide a review of best social media practices and current trends in research and "real world" practice relevant to utilizing social media in strategic communications. Prerequisite: COMM 2370

Distribution: Humanities.

COMM 4340 - Law and Regulation of the Mass Media (3)

Discussion of legal concepts in mass communication and journalism, including libel, obscenity, privacy, copyright, and telecommunications issues. Students will give in-class presentations on legal controversies and important court cases in the mass communication field. Prerequisite: COMM 2320 and 2360.

Distribution: Humanities.

COMM 4375 - Special Topics in Film (3)

In-depth analysis of a specific subject in film studies. Possible topics include animation, film acting, the independent film industry, and Christian engagement with film. Students will learn in a seminar environment by researching and presenting scholarly analyses of the course topic under the guidance of the instructor.

Distribution: Humanities .

COMM 4377 - Narrative Film Production (3)

With an emphasis on low-budget, independent film and video making, students will study all aspects of narrative film production from idea generation, conceptualization and scripting through post-production. Course fee. Prerequisite: COMM 2390 and COMM 3340.

Distribution: Humanities.

COMM 4380 - Capstone in Communication (3)

Students will present their portfolios of work created while at UMHB and will take part in exit interviews and surveys; a student-driven seminar discussing the place of communication in the wider world, and a service project This course is part of the communication core common to all majors in the department and is a Writing Emphasis (WE) course. Prerequisite: Graduating senior status.

Distribution: Humanities.

COMM 4385 - Internship in Speech Education (3)

Students will work with a mentor in a speech classroom, in a local high school and learn effective pedagogical techniques in speech.

Distribution: Humanities.

COMM 4390 - Independent Study (3)

Possible topics might include Introduction to Advertising, Online Journalism, Video Editing, Popular Culture and the Mass Media, Theories of the Mass Media, etc.

Distribution: Humanities.

4391 - Seminar (3)

A study of selected communication topics. May be repeated for credit whenever content varies. Prerequisite: Junior/Senior standing.

COMM 4395 - Internship in Communication (3)

Part-or full-time field experience in a communication-related field off campus. Students will keep a log of all activities and report to the sponsoring faculty member as required. On-site mentors will evaluate student's performance of agreed-upon tasks. Prerequisite: junior standing and permission of faculty advisor.

Distribution: Humanities.

CRIJ - Criminal Justice

CRIJ 1310 - Introduction to Criminal Justice (3)

Introduction to Criminal Justice introduces the criminal justice system and focuses on the various processing stages, practices, and personnel in the criminal justice system. This course examines the problem of crime in American society. Both historical and contemporary components of the system, including the police, the courts, and correctional agencies are explored. This course is designed to provide the student with a broad-based understanding of both and effects of crime upon communities, as well the criminal justice system response to crime in U.S. contemporary society.

Distribution: Sciences.

CRIJ 2215 - Writing in Criminal Justice (2)

This course prepares students for writing criminal justice academics and vocations. Students will be instructed in writing for research and various types of field reports required in the criminal justice field. Students will compose professional emails and letters, learn the use of APA guidelines for research, and write case reports for police, corrections, and courts. Students will benefit from instructor feedback, assistance from the writing center, and opportunities for revision and resubmission of course assignments.

Distribution: Sciences.

CRIJ 2305 - Statistics for the Social Sciences (3)

Emphasizes conducting and applying statistical analyses with real-world social science data. Students will utilize a statistical software package commonly used by social scientists to conduct and interpret descriptive and inferential statistics. Students completing the course will acquire the skills necessary to both conduct and interpret statistical analyses in social science settings. Pre-requisite: Math 1304 or higher. Same as PSYC 2316.

Distribution: Sciences.

CRIJ 2311 - Police Systems and Practices (3)

This course offers an overview of the criminal justice system. It examines the nature and causes of crime, criminal law, constitutional safeguards, and the organization and operation of the criminal justice system including the police, courts, jails, prisons, probation and parole, community corrections, and juvenile justice. It briefly covers the history of crime in America and includes relevant terminology.

Distribution: Sciences.

CRIJ 2312 - Criminal Investigation (3)

This course is designed to introduce students to criminal investigations. It will provide an overview of the evolution

of policing and investigation, rules of evidence and arrest, the crime scene, physical evidence, development of basic investigative leads, use of informants, interviewing and interrogation, investigating major crime categories, and ethical awareness.

Distribution: Sciences.

CRIJ 2316 - Social Problems (3)

A study of the social problems of modern American life with emphasis upon their extent, effects, and suggested remedies. (Same as SOCI 2316)

Distribution: Sciences.

CRIJ 2330 - Fundamentals of Criminal Law (3)

This course examines American crime problems in a historical perspective, examines crime causation, social and public policy factors affecting crime, the impact of crime and crime trends, social characteristics of specific crimes, and the prevention of crime.

Distribution: Sciences.

CRIJ 2334 - Courts and Criminal Procedure (3)

This course provides a thorough understanding of basic court system procedures, criminal law concepts, beginning with their historical basis in the Constitution, and the jurisdiction of courts. Students will examine requirements that affect law enforcement practices and procedures. Topics will include confessions and interrogations, witness identifications, issues of due process, evidentiary processes and complications. During the course, students will examine criminal procedure in relation to landmark court decisions.

Distribution: Sciences.

CRIJ 2336 - Legal Aspects of Law Enforcement (3)

This course introduces students to police authority. Discussions include responsibilities and constitutional restraints, laws of arrest, search and seizure, and police liability. Controversial issues of police authority, responsibility and constitutional restraints placed on criminal justice professionals will be examined.

Distribution: Sciences.

CRIJ 2341 - Correctional Systems and Practices (3)

This course provides students with a historical examination of the development of corrections, the organization of correctional systems, the role of corrections, and institutional operations. Students will examine the evolving manner in which inmates have been treated and the controversies that remain in the system today. Student will learn the different perspectives of various members of society regarding corrections in America regarding alternatives to institutionalization, treatment and rehabilitation.

Distribution: Sciences.

CRIJ 2342 - Community Based Corrections (3)

This course provides students with an overall coverage of the history, operations, and philosophy of community-based corrections. Students will be introduced to offender reintegration challenges and opportunities. In addition, students will learn behaviors, methods of properly managing offenders, and successful tools to prevent recidivism.

Distribution: Sciences.

CRIJ 3317 - Race and Ethnicity (3)

A study of the social development of contemporary minority groups with emphasis on the psychological and sociological processes involved in prejudice. Prerequisite: SOCI 1311. (Same as SOCI 3317)

Distribution: Sciences.

CRIJ 3318 - Juvenile Delinquency (3)

This course provides students with an overall coverage of the history, operations, and philosophy of community-based corrections. Students will be introduced to offender reintegration challenges and opportunities. In addition, students will learn the behaviors, methods of properly managing offenders, and successful tools to prevent recidivism.

Distribution: Sciences.

CRIJ 4090 - Senior Examination (0)

Students majoring in Criminal Justice must complete the program's achievement examination prior to graduation.

Distribution: Sciences.

CRIJ 4317 - Criminology (3)

An overview of crime in America, various theories concerning causes of crime, and the criminal justice system. (Same as SOCI 4317)

Distribution: Sciences.

CRIJ 4319 - Drugs, Society, & Criminal Justice (3)

This course focuses on issues of drug use, misuse, and abuse. Special emphasis is given to the sociological aspects of drug-taking behavior, the relationship between drugs and crime, and the criminal justice system. Descriptions, classifications, and analyses are used to explore the extent of the drug problem. Prerequisite: SOCI 1311. (Same as SOCI 4319).

Distribution: Sciences.

CRIJ 4320 - Ethics in Criminal Justice (3)

Ethical issues specific to the criminal justice system are examined. Legal, professional and personal ethical issues

and ethical dilemmas are discussed with implications for law enforcement, the courts, corrections, and community supervision. Prerequisite: Senior standing.

Distribution: Sciences.

CRIJ 4321 - Critical Issues in Criminal Justice (3)

This course explores specialized issues in criminal justice relating to law enforcement, the courts, corrections, and community supervision. Issues of cultural diversity, community policing, and policy implications involving local and global criminal justice systems are examined. Prerequisite: Senior standing.

Distribution: Sciences.

CSBS - Biblical Studies

CSBS 1311 - Engaging the Old Testament (3)

Engaging the Old Testament students will explore the Hebrew Bible as Christian scripture. This study includes reading it in its ancient cultural context, examining issues of interpretation, and applying it to life.

Distribution: Christian Studies.

CSBS 1312 - Engaging the New Testament (3)

Students will explore the New Testament as Christian scripture. This study includes reading it in its ancient cultural context, examining issues of interpretation, and applying it to life.

Distribution: Christian Studies.

CSBS 2302 - Introduction to Biblical Interpretation (3)

This course informs students about the methodologies, principles, and concerns of biblical interpretation with an emphasis on application. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSBS 3300 - Lands of the Bible Study Tour (3)

This is a travel course to Bible lands. On this trip, students will increase their understanding of the world cultures in which the Old and New Testament were written by visiting historical cities and sites that are relevant to both. This course may count for upper level New Testament. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSBS 3320 - Jesus and the Gospels (3)

This course is an intensive study of the Gospels within the socio-geographical context of the first century. Attention is given to a variety of topics such as Jesus' teachings concerning the Kingdom of God and the literary features of the Gospels along with their theological and implied ethical themes. Implications for contemporary life are included.

Prerequisites CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSBS 3325 - Paul and His Writings (3)

This course is an intensive study of Paul in his Jewish context with attention given to his mission in the Greco-Roman world, his writings in their first-century context, and his understanding of the gospel. Implications for contemporary life are included. Prerequisites CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSBS 4305 - The Writings (3)

The course examines selected passages in the section of the Hebrew Bible known as the Writings (Psalms, Proverbs, Job, Song of Songs, Ruth, Lamentations, Ecclesiastes, Esther, Daniel, Ezra-Nehemiah, 1-2 Chronicles). Special attention is given to contemporary scholarship involving the Writings and to selected themes in the Writings relating to today's world. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSBS 4310 - The Latter Prophets (3)

The course examines selected passages in the Latter Prophets (known as the Major and Minor Prophets). Special attention is given to contemporary scholarship involving the Latter Prophets and to selected themes in the Latter Prophets relating to today's world. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSBS 4320 - The Book of Revelation (3)

This course is a study of the Revelation of John, particularly in light of its high Christology. Attention is given to its literary genre, linguistic and theological themes, literary features, and its relationship to apocalyptic literature and the imperial context. Implications for contemporary life are included. Prerequisites CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSBS 4325 - First-Century Urban Christianity and New Testament Correspondence (3)

This course is a study of the patterns of social life and conflict in first-century urban Christian communities indicated by ethical, social, and theological issues in New Testament letters such as 1 & 2 Corinthians and Romans in light of the material and cultural context of ancient cities such as Corinth and Rome. Implications for contemporary life are included. Prerequisites CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSBS 4330 - Pentateuch (3)

The course examines selected passages in the first five books of the Hebrew Bible. Special attention is given to contemporary scholarship involving the Pentateuch and to selected themes in the Pentateuch relating to today's world. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSBS 4331 - Former Prophets (3)

The course examines selected passages in the Former Prophets (Joshua, Judges, 1-2 Samuel, and 1-2 Kings). Special attention is given to contemporary scholarship involving the Former Prophets and to selected themes in the Former Prophets relating to today's world. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSBS 4335 - Global Readings of the Gospels and Acts (3)

This course is a study of Jesus and the early church through reading selected New Testament texts while listening to global voices. Personal and missional implications are included. Prerequisite CSBS 1312. (Same as CSIS 4335)

Distribution: Christian Studies.

CSBS 4341 - The Johannine Literature (3)

This course is a study of the Gospel of John and the Johannine letters in their ancient setting with attention to literary features, themes, and application. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSBU - Christian Studies and Business

CSBU 4190 - Transformational Development Capstone (1)

Through readings, research and writing, Transformational Development students complete their university learning experience. The course emphasizes the formulation of theoretical, ethical and practical perspectives. Students complete program evaluations during the course. Prerequisite: Senior Standing.

Distribution: Christian Studies.

CSBU 4350 - Transformational Development Internship (3)

This course permits students to enhance their knowledge within their major field of specialization through application of concepts, principles, and techniques learned in the classroom. It consists of supervised paid or unpaid activity as a professional-level intern for an employer or non-profit organization with an approved internship program or through guided experience. Application must be approved prior to registration. Prerequisite: Senior Standing and Instructor approval.

Distribution: Christian Studies.

CSCH - Church History

CSCH 2318 - Introduction to Church History (3)

The course examines the origin, progress, and development of the Christian religion. Attention is given to major themes, movements, events, leaders, and developments. This course is designed as an orientation to the entire Christian tradition in its social and cultural setting. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSCH 3310 - History of the Baptists (3)

The course examines the history of Baptists from their beginnings to the present, noting particularly the development in England and America. The basic concepts of Baptist doctrine and polity are viewed in their historical setting. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSCH 3320 - Baptists in Black and White (3)

This course examines the Civil Rights Movement in American from the perspective of the Baptist faith. Particular attention is given to Black Baptist leaders of the Civil Rights movement and to those white Baptists who either supported or resisted the movement. The course will also examine issues of racism and religious belief in the South. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSCH 3330 - Religion in America (3)

This course examines the origins and development of the American religious heritage with emphasis on organization, expansion, thought, worship, and impact on American society. Prerequisites: CSBS 1311, CSBS 1312, and CSCH 2318.

Distribution: Christian Studies.

CSCH 4311 - Antisemitism, Christianity, and the Holocaust (3)

An examination of the development and manifestations of antisemitism throughout history (with special attention to Nazi Germany) including the present day with special emphasis on "Christian" antisemitism. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSCH 4312 - History of Christian Missions (3)

This course examines the spread of Christianity with an emphasis upon the modern missionary movement. Prerequisites: CSBS 1311, CSBS 1312, and CSCH 2318.

Distribution: Christian Studies.

CSCH 4373 - The Reformations of the 16 and 17 Centuries (3)

This course is a study and critique of the Protestant and Catholic Reformations. The Continental Reforms, English Reforms, and Counter Reformation will be examined with attention given to the reformation issues that confront the church today. Prerequisites: CSBS 1311, CSBS 1312 and CSCH 2318.

Distribution: Christian Studies.

CSCH 4380 - Women in American Christianity (3)

This course examines the rich history of women in American Christian experience. Special attention is given to women's roles in awakenings, reform movements, and missions as well as their participation within denominational traditions. Prerequisites: CSBS 1311, CSBS 1312 and CSCH 2318.

Distribution: Christian Studies.

CSIS - Christian Studies Intercultural Studies

CSIS 3300 - Missiology (3)

This course is an introduction to biblical, historical, cultural, and strategic perspectives of Christian mission and missional living with a special focus on emerging issues in missiology and ministry in global contexts. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSIS 3301 - Intercultural Perspectives (3)

This course examines various components of intercultural perspectives, focusing on cultural intelligence, with implications for effective intercultural communication of the gospel in organizational, generational, and multicultural settings, intercultural ministry, and intercultural relationships. Attention is given to biblical and theological foundations for intercultural ministry paradigms and community development.

Distribution: Christian Studies.

CSIS 3325 - Global Christianity (3)

This course seeks to understand and appreciate Christianity in various areas of the world. Students will consider issues such as Christianity amidst displaced peoples, carried social constructs, sociopolitical and environmental concerns, poverty, migration, gender and ethic challenges, and land-related conflicts. To understand these issues properly, attention is given to historical and related foundations, and intercultural application.

Distribution: Christian Studies.

CSIS 3350 - Intercultural Field Experience (3)

This is a short-term travel course that involves students in firsthand observation and participation in Christian missions and/or community development in context. The specific content of the course varies according to the nature of the work in the locations of study. Prerequisite: Instructor approval.

Distribution: Christian Studies.

CSIS 4335 - Global Readings of the Gospels and Acts (3)

This course is a study of Jesus and the early church through reading selected New Testament texts while listening to global voices. Personal and missional implications are included. (Same as CSBS 4335.) Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSMN - Ministry

CSMN 1320 - Introduction to Christian Ministry (3)

This course is a biblical, historical, theological, and practical study of Christian Ministry. Students study the role of the minister in proclamation, administration, and care-giving. Attention is given to educational preparation, spiritual growth, and the development of skills in ministry.

Distribution: Christian Studies.

CSMN 3306 - Congregational Leadership (3)

This course is a study of the nature and tasks of leadership necessary for successful ministry through various kinds of congregational expressions. Attention is given to understanding the congregational life cycle, organizing for effective ministry, working with large and small groups, relating of church staff members, working with volunteers and ministry teams, managing resources, dealing with transition and handling conflict. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSMN 3310 - Sermon Preparation (3)

This course is a study of a variety of methods of preparing sermons. Emphasis will be given to developing expository sermons starting with a biblical idea and culminating in a sermon ready for delivery. Prerequisites:
CSBS 1311 and CSBS 1312 and CSMN 1320.

Distribution: Christian Studies.

CSMN 3329 - Children's Ministry (3)

The course examines the needs of children in a religious setting. Topics of study include parental responsibility, weekday ministries, equipment needs for ministry, physically challenged children, materials, and spiritual development. Prerequisites: CSBS 1311 and CSBS 1312 and CSMN 1320.

Distribution: Christian Studies.

CSMN 3330 - Youth Ministry (3)

This course is a study of the philosophy and trends of youth ministry. Emphasis will be placed on the planning and administering of a youth ministry in a local church. Attention will be given to the motivation of youth leaders and the development of programming ideas. Prerequisites: CSBS 1311 and CSBS 1312 and CSMN 1320.

Distribution: Christian Studies.

CSMN 4301 - Crisis Ministry (3)

A study of the nature of various kinds of crises and the knowledge and skills necessary for crisis ministry. Prerequisites: CSBS 1311 and 1312 and CSMN 1320.

Distribution: Christian Studies.

CSMN 4316 - Supervised Ministry Internship (3)

This course is a field-based learning opportunity in which the student functions in a (paid or unpaid) ministry role under the supervision of an experienced mentor and a University professor. Requirements include the completion of ministry projects within the field setting as well as on-campus conferences. Emphasis is placed on functional competence in ministry through development of both personal and professional skills. Prerequisites: CSBS 1311 and 1312, CSMN 1320 and Instructor approval.

Distribution: Christian Studies.

CSTH - Theology

CSTH 2316 - Introduction to Christian Theology (3)

This course is a study of basic Christian beliefs from a biblical perspective. Emphasis will also be given to how these beliefs have been stated over the history of the church to the present day. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

CSTH 3311 - Advanced Theological Studies (3)

This course in an intensive study of a particular theologian, period of theology, area of theology, or theological system. May be taken multiple times for credit with change in subject matter. Prerequisites: CSBS 1311, CSBS 1312, and CSTH 2316.

Distribution: Christian Studies.

CSTH 3345 - Christian Ethics and Social Issues (3)

This course is an examination of Christian ethical approaches to selected social issues relating to sexuality, marriage, gender, race, biomedical ethics, economics, and politics. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

CSTH 4318 - Historical Theology (3)

This course comprises a historical survey of theologians and movements that have shaped the faith of the Christian Church from post-biblical times to the present. Prerequisites: CSBS 1311, CSBS 1312 and CSTH 2316.

Distribution: Christian Studies.

CSTH 4350 - Theology and Contemporary Issues (3)

This course explores theological approaches to a contemporary issue or issues. May be taken multiple times for credit with change in subject matter.. Prerequisites: CSBS 1311, CSBS 1312 and CSTH 2316.

Distribution: Christian Studies.

CYBR - Cybersecurity

CYBR 1306* - Introduction to Cybersecurity (3)

In today’s world, no one is safe from cyber-attacks, but everyone can be prepared. This course will teach you how malicious actors use social skills and technology to facilitate cyber-attacks and provide you with the tools and information you need to defend against those attacks. Whether you pursue one of the many available jobs in cybersecurity or just want to secure your own privacy, you’ll learn how to make the Internet safer.

Corequisite: CYBR 3180

Distribution: Cybersecurity.

CYBR 2310* - Cybercrime and Governance (3)

Cybercrime is one of the biggest threats companies face on a daily basis, and they are constantly looking for new hires to help protect them. In this course, you will get a firsthand look at the methods used to commit cybercrimes. You will also learn how governments detect, investigate, and stop these crimes, and become familiar with the laws and policies in place to deter cybercriminals.

Prerequisites: CYBR 1306, Corequisites: CYBR 3180

Distribution: Cybersecurity.

CYBR 2320* - Modern Cybersecurity (3)

Just as technology is constantly evolving, so too must cybersecurity to keep pace with changing trends. In this class, you will learn about the changing landscape of cybersecurity, emerging technologies that are likely to be targeted, and new forms of cyber-attack being launched. By the end of the course, you will be able to implement the most up-to-date practices in cybersecurity in order to protect against attack. This online class has optional live sessions.

Distribution: Cybersecurity.

CYBR 2340* - Google Cloud Computing Foundations (3)

This course will introduce you to the fundamentals of Cloud Computing, Infrastructure and Networking, and will explore how the cloud is used in a range of situations, including IT, App Development and Machine Learning. By the end of the course you will know what the cloud is, and how to use it effectively. This course uses the Google Cloud Platform (GCP) and was built in concert with the Google Cloud Learning Services team.

Corequisite: CYBR 3180

Distribution: Cybersecurity.

CYBR 2350* - Cybersecurity Career Navigation and Exploration (3)

This course will help you find a job in Cybersecurity upon graduation. Not just any job; one that meets your personal and financial needs and makes you excited about the future. In this course, you'll explore career paths in Cybersecurity potential salary outcomes, and different roles. Then, you'll pick target jobs and opportunities that are the best fit for you and make a clear plan of action toward securing them.

Prerequisites: CYBR 1306, Corequisites: CYBR 3180

Distribution: Cybersecurity.

CYBR 3180 - Cybersecurity Seminar (1)

This seminar course, for participants in the Cybersecurity major, examines current topics in cybersecurity in relation to a Christian world-view. Specific topics may vary by semester. Seminars include reading critiques, case studies, discussion, and student presentations.
Corequisite: CYBR 1306, CYBR 2310, CYBR 2320, CYBR 3320, CYBR 3330, or CYBR 4395. May be repeated for credit.

Distribution: Cybersecurity.

CYBR 3320* - Network and System Security (3)

Modern organizations know that even the strongest systems can be vulnerable to cyber-attacks. As a result, jobs in cybersecurity are rapidly expanding as companies look to secure their digital assets. This course will teach you how to secure those assets by identifying and fixing potential security vulnerabilities. By the end of the course, you will be able to identify and remedy common network and systems vulnerabilities.

Prerequisites: CYBR 1306, Corequisites: CYBR 3180

Distribution: Cybersecurity.

CYBR 3330* - Cyber Forensics (3)

When cybercrimes do happen, you need to know how to respond. This course examines the tools and techniques used to perform cyber forensics and conduct investigations into cybercrimes. By the end of the course, you'll be able to gather and analyze important digital evidence and gain skills in analyzing cybercrime that are in demand from companies across the country. This online class has optional live sessions.
Prerequisites: CYBR 1306 and CYBR 2310

Distribution: Cybersecurity.

CYBR 3340* - Application Development I – Exploring Web Applications (3)

Modern development relies on frameworks which provide developers with powerful tools to speed up development. If you want to build apps, you need to understand how to use frameworks. This course, which has been built in collaboration with Google, will introduce you to Django - a framework used for data-driven web applications. You'll learn the fundamentals of Django, improve your database management skills, and begin developing your own apps.

Corequisite: CYBR 3180

Distribution: Cybersecurity.

CYBR 3341* - Application Development II – Building Web Applications (3)

This course - built in collaboration with Google - is the second part of the application development series. In this course, you will put your skills into practice and build your own application. By the end of this course, you'll have a greater understanding of the technologies that power modern apps and be able to build your own.

Corequisite: CYBR 3180

Distribution: Cybersecurity.

CYBR 3350* - Security Operations (3)

The moments after a breach can make or break an organization. When the unthinkable happens and a cybercrime is discovered, the actions taken by the security operations team can either contain the damage and restore order or lead to catastrophic consequences. This course examines the tools and techniques used to conduct investigations into cybercrimes and teaches the defensive

skills necessary to ensure a breach doesn't occur in the first place.

Prerequisites: CYBR 1306, CYBR 3320, Corequisites: CYBR 3180

Distribution: Cybersecurity.

CYBR 3370* - Ethical Hacking (3)

To stop a hacker, you need to be able to think like a hacker. In this course, you will learn hands-on techniques for attacking and penetrating networks and systems. You'll learn the tools to launch these offensive tactics and then complete a hands-on project where you will be asked to ethically hack a real system.

Prerequisites: CYBR 3320, Corequisites: CYBR 3180

Distribution: Cybersecurity.

CYBR 4310* - The Future of Cybersecurity (3)

Technology is racing forward, and cybersecurity must stay ahead to meet new challenges and threats. In this class, you will learn about the changing landscape of cybersecurity, emerging mobile technologies that are likely to be targeted, and new forms of cyber-attacks being launched. By the end of the course, you will be able to implement the most cutting-edge practices in cybersecurity in order to protect against attacks.

Prerequisites: CYBR 3320, Corequisites: CYBR 3180

Distribution: Cybersecurity.

CYBR 4340* - Cloud Application Practicum (3)

Software engineers are frequently tasked with building applications using unfamiliar elements. This course will ask you to build an application using the Google Cloud Platform (GCP) and one or more unfamiliar technologies or tools you select. By the end of this course, you will learn how to tackle unfamiliar situations, a key skill for any programmer, and improve your skills in programming and software development. This course will provide you with a project to add to your portfolio of work.

Corequisite: CYBR 3180

Distribution: Cybersecurity.

CYBR 4350* - Cybersecurity Capstone (3)

The Capstone course is the culmination of the Cybersecurity program, allowing students to apply their knowledge to real-world challenges. Students will undertake a comprehensive project integrating various aspects of cybersecurity, including log analysis, vulnerability assessment, incident response, ethical hacking, and cloud security. This project will develop critical thinking skills and prepare students for major cybersecurity certifications.

Prerequisites: CYBR 2310, CYBR 3350, CYBR 3370, CYBR 4310, Corequisites: CYBR 3180

Distribution: Cybersecurity.

CYBR 4395* - Ethical Hacking (3)

To stop a hacker, you need to be able to think like a hacker. In this course, you will learn hands-on techniques for attacking and penetrating networks and systems. You will be prepped with tools to launch these offensive tactics, and then complete a hands-on project where you are asked to ethically hack a real system. This online class has optional live sessions. Prerequisites: CYBR 3320 or CISC 4324

Distribution: Cybersecurity.

EDBL - Bilingual Education

EDBL 4300 - Language and Literacy for Teachers of English Language Learners (3)

This course promotes understanding of fundamental language concepts, the structure and conventions of the English language, and the process of first-and second-language acquisition. In order to promote students' language development in English, the factors that affect ESL students' learning of academic content, language, and culture are addressed.

Distribution: Education.

EDBL 4310 - Pedagogy and Assessment for Teachers of English Language Learners (3)

The primary focus of this course is planning and implementing effective, developmentally-appropriate ESL instruction. Foundations of ESL education and the factors that contribute to an effective multicultural and multilingual environment are taught. ESL instruction includes theoretical bases, concepts, and research related to first-and second-language development. Formal and informal assessment procedures and instruments are taught. Family and community advocacy and collaboration between school and home are addressed.

Distribution: Education.

EDBL 4320 - Bilingual Language Acquisition (3)

This course provides the pre-service bilingual educator with knowledge of first-and second-language acquisition processes and development as it applies to Spanish and English. Application of major language components such as phonetics, semantics, morphology, syntax, and pragmatics will be addressed in both languages. Statewide Spanish language arts and reading curriculum as specified by the TEKS will be addressed for literacy development in grades EC-12. Attention will be given to implementation of instructional methods, materials, and strategies for teaching both English and Spanish. Both formal and

informal literacy assessments in Spanish will be explored to assist in planning for effective literacy instruction in Spanish. Authentic children's literature will be included in this course as a way to promote biliteracy.

Distribution: Education.

EDBL 4330 - Content Area Strategies for the Bilingual Educator (3)

This course offers the pre-service bilingual educator a comprehensive knowledge of content area instruction in both Spanish and English as a way to promote bilingual students' academic achievement across the curriculum. Exploration of various types of assessment of bilingual students' development of academic language proficiency and content-area concepts in both languages will be used to plan appropriate bilingual instruction. The Texas Essential Knowledge and Skills and the English Language Proficiency Standards will guide the development of content-based instruction that includes foundational English-language vocabulary, grammar, syntax, and English mechanics. Integration of language arts skills in both languages will be promoted in all content areas.

Distribution: Education.

EDBL 4385 - Practicum in Bilingual Education (3)

This course provides students with 60 hours of field experience working with bilingual students in public schools. Students will be supervised by university faculty and mentored by in-service bilingual educators.

Distribution: Education.

EDSL - Education of Second Language Learners

EDSL 4300 - Language and Literacy for Teachers (3)

This course promotes understanding of fundamental language concepts, the structure and conventions of the English language, and the processes of first-and second-language acquisition. In order to promote students' language development in English, the factors that affect ESL students' learning of academic content, language, and culture are addressed. A particular focus of this course relates to language proficiency levels of English learners based on the ELPS descriptors.

Distribution: Education.

EDSL 4310 - Pedagogy and Assessment for Teachers of English Language Learners (ELL) (3)

The primary focus of this course is planning and implementing effective, developmentally-appropriate sheltered instruction for English learners. The English Language Proficiency Standards (ELPS) and the Texas Essential Knowledge and Skills (TEKS) are used in lesson development to include the goals of sheltered instruction. Students explore a variety of state assessments for ELs which include the bilingual version of the STAAR test and the Texas English Language Proficiency Assessment System (TELPAS). Attention is given to laws regarding teaching migrant children and working with families of ELs. This is a field-based course. Prerequisite: EDUC 4315 or EDSP 4316.

Distribution: Education.

EDSP - Special Education

EDSP 3320 - Emergent Literacy (3)

This field-based course is designed to provide foundation knowledge and strategies for understanding and promoting literacy development in young children. Reading, writing, and oral language skills are taught as developmental processes according to the Science of Teaching Reading standards. Emphasis is upon beginning reading instruction and concentrates on developmentally appropriate teaching strategies and assessments designed to directly teach and assess phonological and phonemic awareness, the alphabetic principle, and decoding, as well as principles for creating a literacy-rich classroom environment. Field experience is required. Prerequisite: EDUC 4328

Distribution: Education.

EDSP 3330 - Social Studies Strategies (3)

Designed specifically for education majors for elementary and middle level, this course provides students with skills and understanding needed to plan, organize, and deliver effective instruction based on the Social Studies TEKS. Special emphasis is given to instruction in geography, economics, and American history. Students develop an understanding of the social economic, and political impacts of events in history. This course will address the needs of students served in special education.

Distribution: Education.

EDSP 3361 - Introduction to Special Education & Individuals with Disabilities (3)

This course provides a broad introduction to the field of special education. Developmental stages and characteristics of exceptional children and youth are explored along with the philosophical, historical, ethical, and legal foundations of special education. Special education terminology and acronyms are introduced along with Individual Family Service Plans (IFSP), Individual Education Plans (IEP), Individual Transition Plans (ITP), and Admission Review and Dismissal (ARD) meetings.

Distribution: Education.

EDSP 3362 - Low Incidence Disabilities (3)

This course is a study of the characteristics and factors affecting individuals with low incidence disabilities such

as visual and hearing impairment, significant developmental delay, medically fragile, autism, and multiply challenged. The course teaches effective educational and behavioral approaches. Lab/Field experience is required.

Distribution: Education.

EDSP 3363 - Developmental Disabilities (3)

This course is a study of the characteristics and factors affecting individuals with low incidence disabilities, such as visual or hearing impairment, significant developmental delay, medically fragile, autism, and multiply challenged. This course teaches effective educational and behavioral approaches. Lab/field experience required.

Distribution: Education.

EDSP 3364 - Behavior Interventions & Modifications (3)

This course is a study of the causes and characteristics of emotional and behavioral disorders in students from early childhood through adolescence. Classroom and behavior management strategies for maintaining a positive learning environment are considered along with strategies for preparing individuals to live cooperatively and productively in society, social skills needed for educational and functional living environments, and strategies for crisis prevention and intervention. Lab/field experience is required. This course will address the needs of students served in special education.

Distribution: Education.

EDSP 3395 - Practical Experiences (3)

This course provides students with hands-on experiences working with individuals and groups in specific areas of disability.

Distribution: Education.

EDSP 4316 - High Incidence Disabilities (3)

This course surveys various student populations in schools and varied educational needs with emphasis on diversity and the influence of culture on behavior and learning. Terminology, characteristics, educational procedures, informal assessment, and requirements under federal, state, and local guidelines are addressed, as well as multiculturalism, technology, and professional collaboration related to diversity.

Distribution: Education.

EDSP 4320 - Interdisciplinary Math and Science Strategies (3)

This field based course is a study of the materials, methods, and fundamental principles necessary to teach math and science based upon the Texas Essential Knowledge and Skills (TEKS). As a field based course, students are expected to design and participate in learning activities both in the field and in the UMHB classroom. This course will address the needs of students served in special education. Prerequisite: EDUC 4328

Distribution: Education.

EDSP 4361 - Assessment & Transitions (3)

This course explores formal and informal means to assess various student populations. Transition planning and procedures are explored, including vocational and post-secondary options. Lab/field experience is required.

Distribution: Education.

EDSP 4362 - Curriculum Interventions for Students with Learning Disabilities (3)

This course examines the selection and use of intervention strategies and techniques for students with learning disabilities. There is an emphasis on exploring and implementing individualized education programs and approaches for meeting the needs of exceptional learners. Lab/field experience is required.

Distribution: Education.

EDSP 4363 - Assistive Technology & Related Service (3)

This course examines the range and variety of assistive technology, devices, services, and resources; their role in facilitating students' access to the general curriculum and active participation in educational activities and routines; and the state and federal laws pertaining to their acquisition and use. The selection of appropriate assistive technologies for students with various needs are explored. Lab/field experience is required.

Distribution: Education.

EDSP 4364 - Diagnostic and Corrective Reading Practices (3)

This course focuses on the formal and informal assessment of disabled readers and the use of that data to plan, implement, and monitor instruction focused on individual needs. Included are phonological and phonemic awareness, alphabetic principle, literacy development and practice, word analysis, decoding, fluency, and comprehension. Intervention strategies are addressed to align with identified needs. Parent communication and conferencing skills are also addressed.

Distribution: Education.

EDUC - Education

EDUC 2110 - Children's Literature for the Classroom (1)

This one hour course will explore a variety of children's literature across various genres. Among the topics

addressed are major works, writers, and illustrators and the distinctive genres and their characteristics.

Distribution: Education.

EDUC 2111 - The Intersection of Trauma and K-12 Schools (1)

This course is an introduction to trauma and trauma-informed care as it relates to P-12 student development and learning. Students will explore the nature of trauma and how it impacts executive function development. Students will learn strategies and methods to create a welcoming and safe classroom environment where P-12 students can develop executive functioning skills allowing them to engage in the learning environment.

Distribution: Education.

EDUC 2112 - Digital Literacy in the Classroom (1)

The term literacy generally refers to reading and writing skills. This one-hour course examines "digital literacy," a term that extends beyond traditional reading and writing to include a variety of modes of communication. Using a multi-literacies perspective, this course provides students the opportunity to explore ways to prepare learners to thrive in a constantly evolving technological landscape. We will examine ISTE standards, including ways to support the empowered learner, digital citizen, knowledge constructor, innovative designer, computational thinker, creative communicator, and global collaborator.

Distribution: Education.

EDUC 2311 - Classroom Technology (3)

Designed specifically for education majors, this course is an introduction to educational technology used in contemporary schools. Emphasis is placed on interactive boards, computers, and web applications. This course examines the integration of current technology used for planning, organizing, and delivering instruction based upon the Texas Essential Knowledge and Skills (TEKS). Students will receive practical hands-on experience in designing learner-centered activities and increasing teacher productivity.

Distribution: Education.

EDUC 2399 - Child and Adolescent Development (3)

This course focuses on the development of human beings from birth to adolescence, with respect to the interrelated nature of the physical, emotional, cognitive, and social growth of individuals. Major theories of child development are explored including those of Piaget and Vygotsky. The course does not satisfy any requirements for students majoring in Psychology.

Distribution: Education.

EDUC 3315 - Students and Learning (3)

This course is an introduction to working with children and youth. The content is organized around the following clusters: educational systems in Texas, ethics, professionalism, and the ultimate intent for students to discover their calling and to embrace the unique work that they are called to do in the world.

Distribution: Education.

EDUC 3330 - Social Studies Strategies (3)

Designed specifically for education majors for elementary and middle level, this course provides students with skills and understanding needed to plan, organize, and deliver effective instruction based on the Social Studies TEKS. Special emphasis is given to instruction in geography, economics, and American history. Students develop an understanding of the social and environmental consequences of scientific discovery and technological innovation. This course will address the needs of students served in special education.

Distribution: Education.

EDUC 3340 - Selecting and Sharing Literature with Children (3)

This three-hour course explores a variety of children's literature across various genres. Among the topics addressed are major works, writers, and illustrators - and the distinctive genres and their characteristics, as well as determining appropriate selection of books for specific populations and purposes. Class time includes reading and sharing quality children's literature. This course is intended for those working with children and not necessarily certifying to teach.

Distribution: Education.

EDUC 3341 - Trauma-Informed Advocacy to Communities (3)

What is trauma? What is the impact of trauma on the individual? What can communities do to support those impacted by trauma? These questions will be the foundation for the knowledge, skills, and dispositions students will gain in this course. The course will cover historical, generational, and developmental trauma. Students will explore how trauma impacts self-regulation, increases risk-taking behaviors, and contributes to a decline in mental and physical health. Students will learn about resiliency factors contributing to post-traumatic growth and well-being despite traumatic events. Last, students will demonstrate their readiness to serve their community by applying universal and foundational trauma-response interventions in response to community need.

Distribution: Education.

EDUC 3342 - Information and Digital Literacy (3)

The term literacy generally refers to reading and writing skills. This three-hour course examines "digital literacy," a term that extends beyond traditional reading and writing to a variety of modes of communication. Using a multi-literacies perspective, this course provides you an opportunity to explore literacy in a constantly evolving technological landscape. The course explores skills, trends, and issues in information and digital literacy that will benefit individuals in any career pathway. We will examine legislation related to digital communication as well as how information science has evolved in the 21st century.

Distribution: Education.

EDUC 3364 - Behavior Interventions and Modifications (3)

This course is a study of the causes and characteristics of emotional and behavioral disorders in students from early childhood through adolescence. Classroom and behavior management strategies for maintaining a positive learning environment are considered along with strategies for preparing individuals to live cooperatively and productively in society, social skills needed for educational and functional living environments, and strategies for crisis prevention and intervention. Lab/field experience is required. This course will address the needs of students served in special education.

Distribution: Education .

EDUC 4150 - Certification Preparation Seminar (1)

This course is designed to review the TExES competencies for the PPR for some students pursuing certificates involving one-hour capstones. Sessions emphasize test content and test-taking strategies. Registration requires permission from the Dean of the COE.

Distribution: Education.

EDUC 4250 - Certification Preparation Seminar (2)

This course is designed to review the TExES competencies for the PPR. Sessions emphasize test content and test-taking strategies.

Distribution: Education.

EDUC 4315 - Survey of Special Populations (3)

This course surveys various child and adolescent populations and their varied needs, with emphasis on diversity and the influence of culture on behavior and learning. Terminology, characteristics, educational procedures, informal assessment, and requirements under federal, state, and local guidelines are addressed, as well as multiculturalism, technology, and professional collaboration related to diversity. This course will address the needs of students served in special education, ESL, and programs for Gifted and Talented.

Distribution: Education.

EDUC 4320 - Interdisciplinary Math and Science Strategies (3)

This course is a study of the materials, methods, and fundamental principles necessary to teach math and science based upon the Texas Essential Knowledge and Skills (TEKS). Students are expected to design and participate in evidence-based learning activities. This course will include High Quality Instructional Materials.

Prerequisite: EDUC 4328

Distribution: Education.

EDUC 4324 - Classroom Management (3)

This course includes classroom and behavior management techniques as well as approaches to encouraging parental involvement. Emphasis is given to guidelines for working with various populations. Preventive, supportive, and corrective behavior management techniques are explored.

Prerequisites: Successful completion of EDUC 3315, meeting the standards in the College of Education interview, and satisfying the Academic Proficiency standards.

Distribution: Education.

EDUC 4328 - Curriculum Design (3)

This course focuses on general principles of curriculum development and assessment (including the state assessment system), with emphasis on planning, writing, and implementing effective lessons in alignment with the Texas Essential Knowledge and Skills (TEKS). The course addresses working with special populations. Prerequisites: Successful completion of EDUC 3315, meeting the standards in the College of Education interview, and satisfying the Academic Proficiency requirement.

Distribution: Education.

EDUC 4375 - Advanced Literacy (3)

This course addresses the knowledge and skills necessary to assess, instruct, and monitor the progress of students with diverse literacy needs. Through an in-depth exploration of evidence-based assessment tools, intervention strategies, and data-driven decision-making, students will design and implement effective literacy instruction during and authentic lab experience.

Distribution: Education.

EDUC 4385 - Educational Internship (3)

For students pursuing the B.S. in Educational Advocacy, this course provides an opportunity to serve for 70 or more

hours in a setting aligned with their focus of study. For those certifying to teach, the state of Texas requires pre-service teachers to acquire multiple hours of field experience working with students on public school campuses prior to student teaching. Students certifying as teachers meet with an elementary, middle-level, or high school mentor teacher for 70 or more hours of classroom interaction and involvement. The course also involves research and written reflection. Lab fee.

Distribution: Education.

EDUC 4501 - Student Teaching I (5)

Student teaching and observation in a public school setting for the first half of the semester.

Distribution: Education.

EDUC 4502 - Student Teaching II (5)

Student teaching and observation in a public school setting for the second half of the semester.

Distribution: Education.

ENGL - English

ENGL 1321 - Rhetoric & Composition I (3)

Students will be introduced to the rhetorical triangle and the writing process as they write a series of original essays. Students will explore various modes and aims of writing as they work through invention, planning, drafting, getting feedback, revising, editing, and proofreading. At the end of the semester, students should be able to create a thesis and adequately support it with a well-structured essay written in a clear coherent, and concrete style and present it to an audience either, orally or in written form. A student must achieve a “C” or higher in ENGL 1321 to pass the course.

Distribution: Humanities.

ENGL 1322 - Rhetoric & Composition II (3)

This course will introduce students to some of the history of rhetoric and the role it plays in civilization. The students will learn to apply an argumentative model in both analyses and composition of arguments. A variety of readings will allow the students the opportunity to think critically about the world and their relationship with it. The students will write essays which explore their own thinking and produce an argument that conveys their understanding. A student must achieve a “C” or higher in ENGL 1322 to pass the course. Prerequisite: A grade of a "C" or higher in ENGL 1321.

Distribution: Humanities.

ENGL 2321 - British Literature to 1785 (3)

Survey of the development of British literature from its beginnings to 1785. Careful study of representative selections and development of types. Prerequisite: ENGL 1321 and ENGL 1322.

Distribution: Humanities.

ENGL 2322 - British Literature since 1785 (3)

A continuation of English 2321, a survey of the development of British literature from 1785 to the present. Prerequisite: ENGL 1321 and 1322.

Distribution: Humanities.

ENGL 2330 - Classical Influences (3)

This course is a historical survey introducing the literary and religious masterworks of great world civilizations. The course envisions cultural heritage on a world scale; the readings demonstrate that texts, in a variety of genres, come about through conquest, trade, discovery, the spread of faith and learning, and the crossing of global boundaries. Prerequisites: ENGL 1321 and 1322.

Distribution: Humanities.

ENGL 2336 - Global Perspectives (3)

This course explores the dichotomy of U.S. and foreign viewpoints within the perspectives of the various cultures which produce their texts. Primary focus is determining how these entities continue to affect not only current literature but also modern thought and culture. During the semester of the course, students will participate in a study abroad trip in order to gain insight and perspectives on these cultures. Offered only during the semester of the study abroad experience. Trip fee. Prerequisites: ENGL 1321 and ENGL 1322.

Distribution: Humanities.

ENGL 2340 - Principles of Literature (3)

Students will read selected fiction, poetry, and drama in order to develop an understanding of the way in which literature functions. The course will explore the basics of literary analysis by requiring multiple levels of reading as well as differing interpretations of the various texts. Prerequisites: ENGL 1321 and 1322.

Distribution: Humanities.

ENGL 2345 - Multicultural American Literature (3)

This course covers 19th-21st century American literature written by historically under-represented authors. Prerequisites: ENGL 1321 and ENGL 1322.

Distribution: Humanities.

ENGL 2350 - Analysis of Popular Literature (3)

This course will argue that key pieces of popular literature are not only entertaining but also important to literary study. A primary focus will investigate why popular

literature and the literary canon are often at odds with each other. Prerequisites: ENGL 1321 and 1322.

Distribution: Humanities.

ENGL 2352 - Literature and Film (3)

This course examines the interaction of film and literary texts as well as the qualities of each. By exploring topics or genres, this course will explore what happens when a variety of short stories, novels, or plays are made into a film; if approaches to film and literary texts are different; how literary works and films are both "texts" open to analysis and interpretation; or how the cultures out of which the texts come affect them. No background in film studies is needed but students will read about and view the films from a variety of perspectives; responses to these texts and close viewing as well as reading of the texts will be important components of this class. Prerequisites: Grade of C or better in ENGL 1321 and 1322.

Distribution: Humanities.

ENGL 2355 - Literature and Medicine (3)

This course examines a variety of genres that discuss topics related to healthcare and medicine. Themes may include doctor/patient relationships, patient/family relationships, medical school education, mental illness, epidemics and contagion, and disability. Prerequisites: ENGL 1321 and ENGL 1322.

Distribution: Humanities.

ENGL 2360 - Religion and Literature (3)

A study of works of literature with religious importance and themes, creative and nonfiction, spanning various time periods and genres. The course provides a focused and in-depth study of different aspects of literary and religious developments in England, America, and the world. Prerequisites: ENGL 1321 and 1322.

Distribution: Humanities.

ENGL 2370 - Literature and Social Consciousness (3)

This course aims to foster appreciation and understanding of the content of literature as an examination of human experiences and values. Readings from a variety of genres will illustrate a wide range of cultures, experiences, and perspectives. The course will allow students to demonstrate an understanding of contemporary ideas and events by analyzing (a) current world issue(s) in societies, cultures, and/or geographic locations beyond the United States. Prerequisites: 1321 and 1322.

Distribution: Humanities.

ENGL 2380 - Honors Literature (3)

An in-depth exploration of literature employing literary devices and critical analysis. The course will focus on a central theme, genre, author, or topic. The goal of the course is seeing literature as means of thinking critically about, becoming globally aware of, and civically engaging with the world and each student's place in it. Prerequisites: ENGL 1321 and ENGL 1322.

Distribution: Humanities.

ENGL 3100 - Introduction to the English Major (1)

An overview of the study of English, the English major, and related professions and careers and opportunities for graduate study. Students will be introduced to the portfolio required for all majors. Students should take this course at the beginning of their work in the major. Prerequisite: One 2000-level English course.

Distribution: Humanities.

ENGL 3305 - Foundations of English (3)

This course will introduce students to the array of disciplines that come under the umbrella of English studies as well as the array of traditional modes of inquiry, conventions, and approaches that typify the field with a goal of exploring the relationships between English and the Christian faith. Focus will be on literature, composition and rhetoric, theory, digital humanities, and scholarship. Prerequisite: ENGL 1321, ENGL 1322, and one 2000-literature course; non-English majors and minors will also need instructor approval.

Distribution: Humanities.

ENGL 3315 - American Literature (3)

Survey of the major American writers and representative selections from colonial times to the present. Prerequisites: ENGL 1321, 1322, and one 2000-level English course.

Distribution: Humanities.

ENGL 3323 - World Literature (3)

A survey of world literature in translation. Prerequisites: 1321, 1322, and one 2000-level English Course.

Distribution: Humanities.

ENGL 3332 - Studies in Literary Periods and Genres (3)

A study of specific literary periods and/or genres, such as (but not limited to) Modern literature (poetry drama, or fiction), Romantic or Victorian literature, and Medieval literature. The course provides a focused and in-depth study of different aspects of literary developments in England, America, or the World. With approval of the department chair, this course may be repeated for credit when content varies.
Prerequisite: ENGL 1321, 1322, and one 2000-level English course.

Distribution: Humanities.

ENGL 3333 - Studies in Major Authors (3)

A careful study of an individual author or a select group of authors through which students will learn to apply the tools of critical analysis. With approval of the department chair this course may be repeated for credit when content varies. Prerequisites: ENGL 1321, 1322, and one 2000-level English course.

Distribution: Humanities.

ENGL 3335 - Contemporary Global Literature (3)

This course provides a cross-cultural survey of 20th and 21st-Century multi-ethnic literature from the United States and a variety of other countries. The course explores several genres- including the short story, novel, poetry, drama and film, and critical essays-by analyzing their themes and literary style and by situating them within their historical and cultural contexts in order to provide insight to multiple cultures and their viewpoints. Prerequisites: 1321, 1322, and one 2000-level English course.

Distribution: Humanities.

ENGL 4100 - Capstone to the English Major (1)

A course designed to allow students to demonstrate the skills and knowledge acquired in their work as English majors. This demonstration will involve three levels of assessment. First, students must make a public demonstration of their mastery in a presentation of their work. Second, students must submit a portfolio deemed acceptable by the department committee. Third, students must complete exams for certification or entry into a selected graduate program of study. As a capstone, this course is required of all majors and must be taken during the student's final semester of work.

Distribution: Humanities.

ENGL 4185 - English Internship (1)

Part or full-time paid or unpaid internship experience in an English-related field off campus. Students will complete a combination of course-related and job-related tasks designed to provide professional/vocational experience in the discipline. Both the faculty of record and on-site mentors will evaluate the student's performance. This course must be taken in conjunction with ENGL 4100.

Distribution: Humanities.

ENGL 4321 - Shakespeare (3)

Study of representative comedies, histories and tragedies by William Shakespeare. Parallel readings of other plays, poems, and criticism. Prerequisite: One ENGL 3000-level course, excluding 3100.

Distribution: Humanities.

ENGL 4331 - Chaucer (3)

Study of Geoffrey Chaucer's major works, in Middle English, with emphasis on The Canterbury Tales. Prerequisite: One ENGL 3000-level courses-excluding 3100.

Distribution: Humanities.

ENGL 4332 - Milton (3)

Study of John Milton's life and works, with emphasis on Paradise Lost and Paradise Regained.
Prerequisite: One ENGL 3000-level courses-excluding 3100.

Distribution: Humanities.

ENGL 4341 - Literary Theory and Criticism (3)

Study of methods and materials of literary research and interpretation. Introduction to major contemporary theories. Emphasis on close reading of literary texts in their historical contexts. Prerequisite: One ENGL 3000-level course, excluding 3100.

Distribution: Humanities.

ENGL 4385 - English Internship (3)

Part or full-time experience in an English-related field off campus, with special focus on internship abroad opportunities. Students will complete a combination of course-related and job-related tasks designed to provide professional/vocational experience in the discipline. Both the faculty of record and on-site mentors will evaluate the student's performance. Trip fee. This course must be taken in conjunction with or the Summer prior to ENGL 4100.

Distribution: Humanities.

ENGR - Engineering

ENGR 1310 - Introduction to Engineering (3)

This course provides an introduction to the engineering profession for students expressing an interest in all areas of engineering. Topics include engineering disciplines, ethics, the impact of technology on the world, analysis and design using a team design project, and computer-aided design and problem solving. Lab fee.

Distribution: Sciences.

ENGR 1320 - Introduction to Engineering Fundamentals (3)

This course will provide exposure to, and practice with, problem-solving strategies for problems commonly encountered in the design and analysis of mechanical and electrical engineering systems. This course will enhance a student's ability to apply knowledge of mathematics, science, and engineering, to identify, formulate, and solve engineering problems and to use the techniques, skills, and

modern engineering tools necessary for engineering practice. Lab Fee.

Distribution: Sciences.

ENGR 2010 - AutoCAD Proficiency (0)

Students will successfully complete a tutorial-based training to gain introductory proficiency in AutoCAD. This course may be repeated. This is a Credit/No Credit course.

Distribution: Engineering.

ENGR 2130 - Electric Circuits Laboratory (1)

The course is the laboratory component for ENGR 2330. Laboratory fee.

Distribution: Engineering.

ENGR 2290 - Independent Study (2)

Independent study in engineering may be conducted under the guidance of a faculty member. Course may be taken at the sophomore level through the senior level. One to four hours of credit may be specified. Prerequisite: Written consent of the supervising professor, department chair, and Dean prior to registration. Lab and administrative fee.

Distribution: Sciences.

ENGR 2301 - The Effects of Climate Change (3)

This course is designed to expose students with a wide range of academic interests to the human activity of science. In this course students will take the broad view that includes the natural, behavioral, and social sciences as material for discussions. Students will use the texts to explore the modes of thought and activity that are common to all of these disciplines, including their mathematical tools and empirical methods. Students will also consider the social, cultural and political contexts in which science occurs. By the end of the course, students should be familiar with scientists' intellectual and practical tools. Students should also be able to contrast the distinctive features of the sciences with academic areas such as humanities. Lab fee.

Distribution: Sciences.

ENGR 2311 - Numerical Algorithms (3)

This course is designed to familiarize computer science and engineering students with the fundamental concepts in numerical algorithms. This course will consider problems from the following areas: root finding, floating pair systems, finding solutions to linear systems using direct or iterative solvers, interpolation curve fitting, numerical differentiation and integration, multiple integrals, least squares. Prerequisites: ENGR 1320 and MATH 2430. Lab Fee.

Distribution: Sciences.

ENGR 2320 - Engineering Mechanics: Statics (3)

The course provides a professional level of instruction for engineering students. Topics include: analysis of force-couple systems, equilibrium of particles and rigid bodies, structural analysis, distributed forces, friction, centroids and moments of area, particle kinematics and kinetics in various coordinate systems. Prerequisite: ENGR 1320 and PHYS 2421.

Distribution: Sciences.

ENGR 2321 - Engineering Mechanics: Dynamics (3)

The course designed provides a professional level of instruction for engineering students. Topics include: force action related to displacement, velocity, acceleration of rigid bodies including Newton's Second Law, work energy methods, impulse-momentum, central and oblique impacts, and kinematics of plane motion, translation and rotation. Prerequisite(s): ENGR 2320 and MATH 2430. Lab fee.

Distribution: Sciences.

ENGR 2330 - Electrical Circuit Theory (3)

A course to provide a professional level of instruction for engineering students. Topics that this course covers include: Linear circuit elements, sources, Kirchhoff's laws, mesh and node equations, Thevenin and Norton equivalent circuits, resistive network analysis, sinusoidal steady-state analysis, power, transient analysis of simple circuits. Prerequisites: ENGR 1320 and PHYS 2422. Lab fee.

Distribution: Sciences.

ENGR 2345 - Engineering Thermodynamics (3)

The objective of this course is to develop knowledge of the First and second laws of thermodynamics, thermodynamic processes and properties, flow processes, conversion of heat into work, conduction, convection, radiation, and heat exchangers. Topics include applications to ideal and real gases, vapor and gas power systems, refrigeration, and many heat pumps. Examples and problems relate to contemporary aspects of energy, power generation and broader environmental issues. Prerequisites: ENGR 2320. Lab fee.

Distribution: Sciences.

ENGR 3120 - Mechanics of Materials Lab (1)

The course is the laboratory component for ENGR 3320. Laboratory fee.

Distribution: Engineering.

ENGR 3130 - Electronics Laboratory (1)

This lab is designed to help you understand electronic devices and how they work. The goal of the labs is to achieve an understanding of electronics through hands on

experience. By the end of the lab, students should have attained practical skills and be adept at debugging circuits. Students will also have a knowledge of the tools that they can use to both construct and trouble shoot electronics.

Distribution: Sciences.

ENGR 3137 - Digital Logic Design Laboratory (1)

This course is a foundational course for all inter-disciplinary engineering science majors. It is a crucial component of the ENGR 3337 Digital Logic Design course. Corequisite: ENGR 3337, Prerequisites: ENGR 1320 and ENGR 2430. Lab fee.

ENGR 3290 - Independent Study (2)

Independent study in engineering may be conducted under the guidance of a faculty member. Course may be taken at the sophomore level through the senior level. One to four hours of credit may be specified. Prerequisite: Written consent of the supervising professor, department chair, and Dean prior to registration. Lab and administrative fee.

Distribution: Sciences.

ENGR 3315 - Mechanical Design (3)

This course offers students an introduction to the design of machine elements. Topics include an overview of the design process, engineering mechanics, failure criteria, design with static and variable loading criteria, transmission elements, bearings, gears, and lubrication. Students will be introduced to engineering software to design and analyze mechanical systems. Prerequisites: ENGR 3420 (3320/3120), ENGR 2311. Lab fee.

Distribution: Engineering.

ENGR 3320 - Mechanics of Materials (3)

This course introduces junior-level engineering students to the concepts of stress and strain with applications to design and analysis of structures. The goals include developing skills relating to modeling and analysis of simple structures subject to axial, torsional, and bending loads. This course incorporates hands-on experience with standard test methods for the mechanical properties of a range of materials. Prerequisites: ENGR 2320 and MATH 2430. Lab fee.

Distribution: Sciences.

ENGR 3330 - Electronics (3)

This course covers the use and application of the fundamental concepts of nonlinear electronic circuits. Nonlinear, piecewise linear, and large and small signal analysis and design concepts are emphasized. Essential concepts covered in the course include the p-n diode, bipolar junction and field effect transistors. Prerequisite: ENGR 2430, Lab fee.

Distribution: Sciences.

ENGR 3337 - Digital Logic Design (3)

This course is designed to familiarize computer science and engineering students with the fundamental concepts in the field of digital logic design. This course will consider problems from the following areas: Boolean algebra, number systems and representations, analysis and design of combinational and sequential logic circuits, minimization, small and medium scale integrated devices, programmable logic and simulation of digital circuits. Prerequisites: ENGR 1320 and ENGR 2430 (ENGR 2130/2330). Lab Fee.

Distribution: Sciences.

ENGR 3346 - Advanced Thermodynamics (3)

This course extends the study of thermodynamics by exploring the design of gas power cycles, vapor power cycles and refrigeration cycles. Topics include analysis of property relations, gas mixtures, gas-vapor mixtures, and combustion. Prerequisites: ENGR 2345.

Distribution: Engineering.

ENGR 3360 - Engineering Design: Engineering for Humanity (3)

Engineering students in this course learn to apply science, mathematics, and engineering design to the service of humanity. A particular in-need group will be chosen prior to each semester for the design teams to serve. Student will spend time evaluating the needs of the target group and developing products that will improve their lives in a concrete way. Students will be asked to reflect on the experience and how it pertains to their own career goals. Prerequisites: ENGR 1310 and ENGR 1320. Lab fee.

Distribution: Sciences.

ENGR 3365 - Introduction to Optics (3)

This course will cover fundamentals of optics including the following topics: geometrical optics, electromagnetic waves, diffraction, interference, polarization, Fourier optics, laser fundamentals, and optical communication basics. Prerequisite: PHYS 2422. Lab fee.

Distribution: Engineering.

ENGR 3381 - Introduction to Material Science (3)

The course is an introduction to basic tenets implicit in the molecular realm of material structures, i.e., atomic, crystalline and micro-structures of solids with a coverage of several classes of materials, i.e., metals, ceramics, and composites. Course study focuses on the scientific basis for the mechanical properties exhibited by molecular structures, i.e., phase transitions, multiphase equilibria and chemical reactions, with govern the thermodynamic properties of macroscopic materials observed in nature. The application of these materials to various fields of

engineering and science is presented. Prerequisites: PHYS 2422 or PHYS 2412.

Distribution: Engineering.

ENGR 4090 - Practical Experience (0)

All Engineering students are required to have 300 hours of practical experience in Engineering during their junior and senior years. Every student should register for this course during the semester in which they will complete their 300 hours requirement. This course may be retaken if the 300 hours are not completed within the semester of registration. This course is a Credit/No Credit course.

Distribution: Engineering.

ENGR 4150 - Fluid Mechanics Laboratory (1)

This lab investigates the fundamental concepts of fluid mechanics with hands on experiments in the areas of fluid statics, viscosity, buoyancy, Bermoulli's equation, friction losses, and the concepts of lift and drag. Lab Fee.

Distribution: Sciences.

ENGR 4310 - Vibrations (3)

This course offers students a professional level of instruction on the topic of vibration of mechanical systems. Topics include single degree of freedom systems, Lagrangian analysis for multiple degree of freedom systems, matrix methods, transfer functions, impulse response, step response and convolution integrals, and an introduction to nonlinear models. Prerequisites: ENGR 2321, ENGR 3320 and MATH 3325, Lab fee.

Distribution: Engineering.

ENGR 4312 - Digital Signal Processing (3)

This course will cover fundamentals of discrete-time signals and systems including the following topics: signal representation in time domain, Fourier transform, sampling theorem, linear time-invariant system, discrete convolution, z-transform, discrete Fourier transform, and discrete filter design. Prerequisite: ENGR 4360. Lab fee.

Distribution: Engineering.

ENGR 4315 - Power Systems (3)

This course is an introductory subject in the field of electric power systems and electrical to mechanical energy conversion. It will provide students with a general understanding of the different aspects of power, such as generation, transmission, distribution, some regulatory requirements, and general industry safety issues. Prerequisite: ENGR 2430 (2330/2130). Lab fee.

Distribution: Engineering.

ENGR 4320 - System Dynamics and Control (3)

Engineering students in this course will gain professional level of education in the mathematics of system dynamics and control. Students will have the opportunity to apply their skill in two projects during the semester that focus on modeling a physical system and applying control theory to achieve a desired behavior. Topics include: Linear Ordinary Differential Equations, System Dynamics, Laplace Transforms, Mechanical Systems, System Modeling, Control System Design in the time domain and frequency domain. Prerequisite. ENGR 2321, ENGR 2430, MATH 3325, and CISC 2330.

Distribution: Sciences.

ENGR 4325 - Radio Frequency Circuit (3)

This course will introduce the fundamental principles for radio frequency design and analysis. Topics include transmission line theory; network analysis, impedance matching techniques, design of resonators, couplers, and filters; diodes; mixers, and principles and technique of microwave measurements. Prerequisite: ENGR 3330 and ENGR 4330.

Distribution: Engineering.

ENGR 4330 - Engineering Electromagnetics (3)

This course covers the fundamentals of applied electromagnetics by emphasizing physical understanding and practical applications in Engineering Science. It deals with the study of static electric fields in vacuum and dielectrics, conductors, capacitance, electrostatic energy and forces, Poisson's equation, static magnetic fields, Biot-Savart law, Ampere's law, vector magnetic potential, inductance, Maxwell's equations for time varying fields, Faraday's law, plan wave propagation, time-harmonic fields, propagation in lossless media, and wave reflection and transmission at normal incidence. The bridge between electric circuits and electromagnetics is done through the study of transmission lines and their lumped-element model, transmission line input impedance, and power flow on lossless transmission line. Prerequisites: ENGR 2430, MATH 3430, and MATH 3325. Lab fee.

Distribution: Sciences.

ENGR 4335 - Introduction to Aerospace Engineering (3)

This course will introduce students to the field of Aerospace Engineering. Topics will include: definition of the standard atmosphere, aerodynamics, aircraft stability/control, aircraft performance, orbital mechanics, and aerospace propulsion. Prerequisites: ENGR 2321, ENGR 2345

Distribution: Sciences.

ENGR 4340 - Principles of Heat Transfer (3)

Engineering students in this course will gain a professional level of education in the mechanisms of heat transfer. The concepts of conduction, convection, and radiation will be explored, and numerical analysis techniques will be introduced. Students will gain a clear understanding of the physics involved, and learn how to utilize modern tools in the solution of complex problems. Prerequisites: ENGR 2311, MATH 3325, CISC 2330, and ENGR 2345.

Distribution: Sciences.

ENGR 4350 - Fluid Mechanics (3)

This course covers the fundamentals of applied Fluid Mechanics by emphasizing physical understanding and practical applications in Engineering Science. It deals with the study of and the practical applications in Engineering Science. It deals with the study of and the practical application of the conversation equations for mass, momentum, and energy. In addition the course covers the fundamental concepts of hydrostatics and dynamics of Newtonian fluids, using Bernoulli's and Navier-Stokes equations. Additional topics include: control volume analysis, basic flow differential analysis, potential flow, and viscous incompressible flow. Prerequisites: ENGR 2321, ENGR 2345, and MATH 3325.

Distribution: Sciences.

ENGR 4360 - Signals and Systems (3)

This course provides an introduction to the analysis of signals and systems in the time domain using differential equations and convolution with the impulse response, and in the frequency domain using Fourier series, Fourier, and Laplace transforms with transfer functions. Prerequisite: ENGR 2430.

Distribution: Sciences.

ENGR 4365 - Mechatronics (3)

This course introduces students to the basic mechatronics system components, and the design principles of using mechatronics to meet functionality requirements of products, processes, and systems. Several course projects are presented in diverse application domains. The course will also prepare students to research current techniques and identify possible innovations to the field. Lab fee. Prerequisites: ENGR 4320.

Distribution: Sciences.

ENGR 4370 - Computer Science & Engineering Ethics Seminar (3)

The capstone course for all CSE majors begins with discussions of the ethical impact of computer science and engineering on the human condition as well as more general questions concerning the impact of technology on society. From a distinctively Christian perspective, students will examine several philosophical systems of ethics with the stated purpose of examining the social and ethical responsibilities of CSE professionals. In light of all class discussions, students employ techniques to design and implement a hardware/software solution for a current volunteer project of Computer Science and Engineering. (Same as CISC 4370). Lab fee.

Distribution: Sciences.

ENGR 4380 - Capstone Design I (3)

The Capstone Design course provides Senior level engineering students the opportunity to participate in a year-long design project. Design teams will be supported by a dedicated engineering professor from a relevant engineering discipline. Students may choose a University design competition, or a project that serves a customer in the community. Design projects are to be held to a professional standard, with realistic constraints. This course culminates in a preliminary design review that will be used to complete the final design in the following semester. Prerequisite: ENGR 3260 and senior standing. Lab fee.

Distribution: Sciences.

ENGR 4381 - Capstone Design II (3)

The Capstone Design course provides Senior level engineering students the opportunity to participate in a year-long design project. This course is the second half of the Capstone Design sequence. Design teams will continue their work through fabrication, testing, and final presentation. Design projects are to be held to a professional standard, with realistic constraints. This course culminates in a final design review that will include feedback from experts outside the UMHB faculty. Prerequisites: ENGR 4380 and senior standing. Lab fee.

Distribution: Sciences.

ENGR 4391 - Special Topics (3)

ENGR 4395 - Engineering Internship (3)

This course permits students to enhance their knowledge within a field of Engineering Science specialization through application of concepts, principles, and techniques learned in the classroom for which the student will receive three semester hours credit. The course will consist of supervised paid or unpaid work as a professional-level intern for an employer with an approved internship program. Application must be approved prior to registration. Requirements: consent of department chairperson. This course can be taken twice for credit. Administration fee required.

Distribution: Sciences.

ENVR - Environmental Science

ENVR 1402 - Environmental Science (4)

Environmental Science is a one-semester course designed for students who are not planning to major in Biology or Chemistry. Using the global approach, the course will focus on environmental principles, problems, and potential solutions. A chemical emphasis will be given where applicable to such topics as materials, waste management and waste treatment, energy resources, population increases, water and water pollution, air and air pollution, using and misusing land, and environmental legislation. The laboratory activities will reinforce concepts covered in the classroom with experiments and demonstrations. (Same as CHEM 1402) Laboratory fee.

Distribution: Sciences.

ENVR 4311 - Environmental Issues (4)

Concepts of Environmental Science will be introduced. Study will focus on the major environmental issues of the day, including technological, economic, and ethical aspects of these issues. Methods of risk-benefit analysis will be presented. Prerequisite: Approval of department chairperson. (Same as CHEM 4311)

Distribution: Sciences.

ESOL - English for Speakers of Other Languages

ESOL 0181 - Advanced Professional Skills (1)

This course emphasizes the development of advanced communication skills in English for discipline specific content. Prerequisite: Successful exit from an approved ESOL program and permission of UMHB's Director of ESOL

Distribution: Humanities.

ESOL 0381 - Professional Skills (3)

This course is designed to develop skills in English writing, reading, and/or oral communication for discipline specific content. Prerequisite: Successful exit from an approved ESOL program and permission of UMHB's Director of ESOL.

Distribution: Humanities.

ESOL 1000 - Intensive English Laboratory (0)

A communicative language lab that emphasizes building language skills, such as fluency and accuracy, and practicing concepts taught in the corresponding Oral Communication course.

Distribution: Humanities.

ESOL 1301 - Readings in English (3)

Emphasizes the development of reading skills, beginning the transition to utilizing academic and literary texts.

Distribution: Humanities.

ESOL 1302 - English Idioms (3)

An overview of English idioms, American colloquial usage, and other specialized vocabulary for the academic classroom.

Distribution: Humanities.

ESOL 1303 - Basics of English Grammar (3)

A grammar review for non-native speakers of English; course includes a study of parts of speech and sentence structures.

Distribution: Humanities.

ESOL 1305 - Elements of Effective Writing in English (3)

Emphasizes the development of paragraph writing skills in various styles using process writing techniques.

Distribution: Humanities.

ESOL 1321 - Intermediate Reading (3)

Emphasizes the development of academic reading skills, utilizing university-level academic and literary texts.

Distribution: Humanities.

ESOL 1323 - Intermediate English Grammar

A grammar intensive course for non-native speakers of English; course includes a study of parts of speech, appropriate use of verb tenses, and complex sentence structures.

Distribution: Humanities.

ESOL 1325 - Elements of Effective Writing in English-Intermediate (3)

Emphasizes the development of academic essay writing skills in various styles using process writing techniques. Introduces research skills and proper APA format.

Distribution: Humanities.

ESOL 1331 - Advanced Reading and Grammar (3)

Emphasizes the development of academic reading skills, utilizing university-level academic and literary texts. Includes intensive grammar instruction including parts of speech, appropriate use of verb tenses, and complex sentence structures.

Distribution: Humanities.

ESOL 1335 - Advanced Writing and Grammar (3)

Emphasizes writing skills for academic purposes. Introduces academic vocabulary, research skills, plagiarism prevention as well as proper citation, and proper word choice for clear written communication. Includes intensive grammar instruction including parts of speech, appropriate use of verb tenses, and complex sentence structures.

Distribution: Humanities.

ESOL 1340 - Advanced Reading and Writing (3)

Emphasizes the development of reading and writing for academic purposes utilizing academic and literary texts. Introduces research and writing skills for clear written communication in academic contexts.

Distribution: Humanities.

ESOL 1410 - Listening and Speaking in English (4)

A communicative competency course emphasizing the improvement of listening skills and pronunciation. Lab attendance required.

Distribution: Humanities.

ESOL 1420 - Listening and Speaking in English Intermediate (4)

A communicative competency course emphasizing the improvement of listening skills and pronunciation utilizing university level academic content. Lab attendance required.

Distribution: Humanities.

ESOL 1430 - Advanced Oral Communication (4)

A communicative competency course emphasizing the improvement of listening skills, academic note taking, and proper pronunciation utilizing university level academic content.

Distribution: Humanities.

EXAC - Exercise Activity

EXAC 1101 - Lifetime Fitness (1)

This class introduces students to basic concepts of wellness, fitness and lifestyle management through classroom instruction and physical activity. The course includes principles of physical fitness including cardiorespiratory endurance, muscular strength and endurance, flexibility, body composition and nutrition. Students will apply this knowledge in developing an individual fitness program. Lab fee.

Distribution: Exercise Science .

EXAC 1105 - Low Organized Activities (1)

Games and teaching strategies for teaching elementary physical education. Involves the philosophy of "New PE" and Developmentally Appropriate Activities. Designed for elementary education majors. Lab fee.

Distribution: Exercise Science .

EXAC 1109 - Aerobic Walking (1)

This course introduces students to basic concepts of walking for health and fitness. This course covers proper technique for fitness walking, power walking, race walking and basics of cardio respiratory exercise prescription, flexibility, hydration and nutrition. Lab fee.

Distribution: Exercise Science .

EXAC 1110 - Basic Tennis (1)

Knowledge of tennis rules and officiating with instruction and practice in the skills of the game including the service, forehand and backhand ground strokes, and volleys. Lab fee.

Distribution: Exercise Science .

EXAC 1111 - Intermediate Tennis (1)

A continuation of EXSS 1110 with additional tennis skills such as the lob, overhead smash, drop shots, and experience in competitive play. Prerequisite: Adequate skill. Lab fee.

Distribution: Exercise Science .

EXAC 1112 - Roller Skating and Inline (1)

This course introduces students to basic techniques and skills of roller and inline skating such as forward and backwards skating. turning, stopping, body position, and balance.

Distribution: Exercise Science .

EXAC 1120 - Swim Proficiency and Technique (1)

Students will learn fundamentals of freestyle and backstroke. Emphasis will be placed on kicking, pulling, and breathing techniques. Students must be able to comfortably swim with their face in the water and maintain buoyancy independently. This course is designed for individuals who have basic swimming skills and are familiar with the fundamentals of floating and breathing while swimming. It is not suitable for those who have never learned to swim.

Distribution: Exercise Science .

EXAC 1121 - Intermediate Swimming (1)

Students will review technique for freestyle, backstroke and breaststroke. Emphasis will be placed on stroke refinement and cardiovascular conditioning. Proficiency in freestyle, including rhythmic breathing and swimming with

your face in the water is required. Prior team experience, private lessons, or successful completion of Basic Swimming (EXSS 1120) suggested. Lab Fee

Distribution: Exercise Science .

EXAC 1191 - Seminar (1)

Lab Fee

Distribution: Exercise Science .

EXAC 2101 - Swing, Latin and Ball Dance (1)

Distribution: Exercise Science.

EXAC 2102 - Country Dance (1)

Distribution: Exercise Science.

EXAC 2105 - Spin & Strength (1)

This course will combine cardio training with strength training through spin (stationary cycling) and a variety of body and weight training methods. Students will learn principles and practical application of training for cardiorespiratory endurance, muscular strength and endurance, and flexibility.

Distribution: Exercise Science .

EXAC 2110 - Spinning (1)

Designed for both the beginner spinner (stationary cycling) as well as advanced spinners which allows all who participate to spin at their own maximum fitness capacity. The bulk of the course will be spent working out on the spinning bikes. However, we will also address the benefits of spinning, proper bike fit, pedaling technique, bike positions, heart rate zones, principles of aerobic and anaerobic training, hydration, nutrition, and stretching. Lab Fee

Distribution: Exercise Science .

EXAC 2111 - Yoga (1)

Course introduces the ancient discipline of personal development that balances the body and mind. Students learn a series of physical postures as well as practical methods for relaxation, proper breathing, and concentration that promote health, alleviate stress, improve skeletal alignment, and increase muscular strength and flexibility. Lab Fee

Distribution: Exercise Science .

EXAC 2125 - Camping and Hiking (1)

The focus of this course is fundamental knowledge in trip planning, camping and backpacking. Topics will include equipment, transportation, activities, navigation, safety, environmental concerns and risk management. Students will participate in a 3-day camping trip to a Texas State Park. First class day safety and fitness eligibility assessment: Must be able to hike continuously for a minimum of one hour. Any student unable to meet the required assessment standard will not be allowed to continue in the class. Lab fee.

Distribution: Exercise Science .

EXAC 2130 - Conditioning (1)

Fundamentals of body conditioning with special emphasis on physical fitness and motor fitness through selected laboratory experience such as isometrics, isotonic, and circuit training. Lab fee.

Distribution: Exercise Science .

EXAC 2131 - Modified Physical Education (1)

A class for students needing modified activities because of limitations due to physical status. Pre-requisite: Submission of written documentation from a medical doctor stating limitations and prescriptions to Disability Support Services and subsequent approval. Secondary approval from the Dean of EXSS May be repeated once for credit. Lab fee.

Distribution: Exercise Science .

EXAC 2132 - Aerobics (1)

This course introduces students to a variety of aerobic formats including stepping, short distance running and walking, kickboxing, BOSU, circuit and interval training. Designed for both beginners and more advanced levels of fitness, this course encourages students to participate at their maximum level. Class format includes pre and post fitness testing for cardiovascular endurance. Lab Fee

Distribution: Exercise Science .

EXAC 2133 - Weight Training (1)

A progressive conditioning course that introduces the student to isotonic muscle contractions for the muscular development of strength and endurance. In addition, the course emphasizes weight room safety, proper spotting and techniques in weight lifting. Lab fee.

Distribution: Exercise Science .

EXAC 2135 - HIIT Training (1)

Distribution: Exercise Science.

EXAC 2140 - Pickleball (1)

Distribution: Exercise Science.

EXAC 2181 - CruFit Bootcamp (1)

CruFit Bootcamp is high intensity strength and cardio exercises designed to develop your strength and endurance while burning many calories. The workouts are at a pace that takes you from one exercise to the next with little or no rest. You will be able to take breaks as individually needed, but the goal is to keep your heart rate up.

Equipment used will be your body weight, kettlebells, bands, physio-balls and a great attitude. Lab Fee

Distribution: Exercise Science .

EXAC 2191 - Seminar (1)

Lab Fee

Distribution: Exercise Science .

EXAC 3108 - Triathlon Training (1)

This class introduces students to basic triathlon training principles to include sports nutrition, swim training, racing strategies, nutrition/hydration, transitions, and periodization principles. The course includes basic bicycle maintenance and equipment needs. Students will be expected to participate in training sessions and one triathlon event during the semester. Deep water swimming skills and basic fitness level required. Students are expected to provide some of their own equipment. Lab fee.

Distribution: Exercise Science .

EXAC 3110 - Burn Fitness (1)

Distribution: Exercise Science.

EXAC 3111 - Intermediate Yoga (1)

This intermediate yoga class is designed for students who have mastered basic yoga postures and concepts. Though the emphasis of the class will be on physical yoga practice for increased flexibility, improved health, and reduced stress in daily living, students will gain understanding of yoga's general principles. Completion of EXAC 2111 Yoga is required. Lab fee.

Distribution: Exercise Science.

EXAC 3112 - Yoga Boarding (1)

Students will practice yoga on stand-up paddleboards (SUPs). This class will take place at Lake Belton or other suitable waters in the local area. Through practicing yoga in an unstable environment, students will improve balance, proprioception, core strength and gain more confidence in their yoga postures. The peacefulness and tranquility of floating on the water combines nicely with the meditative nature of yoga. First class day safety and fitness eligibility assessment: Must be able to swim 50 meters without stopping and board a paddleboard from deep water. Any student unable to meet the required assessment standard will not be allowed to continue in the class. Lab fee.

Distribution: Exercise Science.

EXAC 3120 - Crossfit (1)

"Forging Elite Fitness" This intensive activity class will require an 8-week commitment to a program…"That delivers a fitness that is, by design, broad, general and inclusive. Crossfit's specialty is not specializing. The Crossfit program is designed for universal scalability making it the perfect application for any committed individual regardless of experience. Lab fee.

Distribution: Exercise Science .

EXAC 3122 - Angling (1)

In the basic fishing course students will explore the skills and equipment needed to fresh and salt water fish. The course material will include resources available to beginning and intermediate anglers. Topics covered in this course include basic rods and reels, safety, knot trying, fish identification, ethics, rules and regulations and aquatic ecology. The majority of the class sessions will be held on the waterfront where students will test their knowledge and skills. Lab fee.

When this course is taught on a trip, it carries a corequisite of EXAC 4113 Stand Up Paddleboarding. Students wishing to travel on the trip must enroll in both EXAC 3122 Angling and EXAC 4113 Stand Up Paddleboarding for the applicable term/subterm.

Distribution: Exercise Science .

EXAC 3123 - Kayak and Canoeing (1)

Basic instruction in kayaking and canoeing skills and safety. Focus will be on basic kayak and canoe techniques in lake, river and stream navigation. First class day eligibility assessment: Must be able to swim 50 meters without stopping and enter a canoe from deep water. Any student unable to meet the required assessment standard will not be allowed to continue in the class. Lab fee.

Distribution: Exercise Science .

EXAC 3125 - Powerlifting (1)

Distribution: Exercise Science.

EXAC 3140 - Orange Theory (1)

Distribution: Exercise Science.

EXAC 3191 - Seminar (1)

Lab fee

Distribution: Exercise Science .

EXAC 3210 - Adventure Activities (1)

Basic instruction and application of adventure activities including kayaking, mountain biking, trekking, water crossings, navigation and team building. Emphasis is placed on outdoor adventure activities and team dynamics. Class includes basic camping and hiking skills. Swimming skills and basic fitness level required. Lab fee.

Distribution: Exercise Science .

EXAC 4110 - Mountain Biking (1)

This class introduces students to basic mountain biking. The focus is on training principles, bike handling skills,

equipment needs, mechanics, nutrition, hydration and safety. Emphasis is placed on specific off-road mountain biking skills such as braking, shifting, downhill riding, climbing, drafting and course management. Mountain bikes are provided by the EXSS Department. First class day eligibility assessment: Students will be evaluated for safety and fitness level (must be able to ride three miles on trails without stopping) to determine eligibility for the class. Any student unable to meet the required assessment standard will not be allowed to continue in the class. Lab fee.

Distribution: Exercise Science .

EXAC 4111 - Rock Climbing (1)

This class introduces students to basic rock climbing principles, including techniques and maneuvers, belaying systems and categories of climbing. In addition, students become familiar with history, safety, equipment and ethics in climbing. Emphasis is placed on top-rope climbing systems and bouldering. Basic fitness level is required for participation in the class. Lab fee.

Distribution: Exercise Science .

EXAC 4112 - Snow Skiing (1)

This course introduces students to basic and intermediate snow skiing. The course material includes basic equipment knowledge, proper ski wear, ski area navigation, safety and injury prevention, basic fitness, nutrition and hydration and ski etiquette. Emphasis is placed on downhill skiing, basic form and safety principles. Students are expected to participate daily in training sessions and make every attempt to progress in skill level during the course. No experience is necessary. Basic fitness level is required. Class will be taught the first week in December following the Fall semester. The course is taught for three days in Colorado. Lab fee.

Distribution: Exercise Science .

EXAC 4113 - Stand Up Paddleboarding (1)

This course introduces students to safety and techniques for lake, river and ocean stand up paddleboarding. Primary focus will be places on paddleboarding as a fitness activity, paddleboard construction and design, terminology and paddling technique. Pre-requisite: Every student must be able to successfully complete a basic swimming test prior to beginning the class. Lab fee.

Distribution: Exercise Science .

EXAC 4120 - Marathon and Half-Marathon Training (1)

This course introduces students to basic marathon training schedules and principles to include nutrition, hydration, periodization, rest, recovery and race day strategies. Students will be expected to participate in regular training runs. The class will culminate by students participating in a sponsored half-marathon (13.1 miles) or a full marathon (26.2 miles). May be repeated once for credit. Lab fee.

Distribution: Exercise Science .

EXAC 4124 - Lifeguard Training (1)

Instruction and skills training leading to American Red Cross nonsurf "Lifeguard Training" certificate. Prerequisite: Current American Red Cross "Standard First Aid" and "Adult CPR" or "Community CPR" certifications and adequate swimming skills. Lab fee.

Distribution: Exercise Science .

EXAC 4126 - Water Safety Instructor (1)

Instruction and skills leading to "Water Safety Instructor" certification by the American Red Cross. Prerequisite: EXSS 4124 or EXSS 4125 or current American Red Cross certificate in "Emergency Water Safety" or "Lifeguard Training." Lab fee.

Distribution: Exercise Science .

EXAC 4130 - Team Activities (1)

The course will focus on the organization, planning and implementation of large group activities. The course is designed to prepare students to manage team recreational activities in camp, church, school or city recreation settings. Lab fee.

Distribution: Exercise Science .

EXAC 4191 - Seminar (1)

Lab fee

Distribution: Exercise Science .

EXAC 4201 - Advanced Backpacking and Cultural Immersion (2)

This course offers an immersive experience in advanced backpacking combined with cultural study abroad. Students will develop proficiency in travel planning, efficient packing, and navigating international transportation systems. The course includes a significant study abroad component, where students will explore diverse urban and rural environments, engaging with local cultures, traditions, and communities. Additionally, this course incorporates a significant physical activity component, involving strenuous daily backpacking on various terrains, walking tour and other explorations to fully experience the destinations. This course is ideal for those seeking a physical challenge and enhance their travel skills while gaining global perspectives.

Pre-Requisite: Must pass a hiking test with appropriately weighted backpack in the weeks leading up to the trip.

Distribution: Exercise Science.

EXAC 4220 - Scuba Diving (2)

This course will focus on introductory scuba skills specifically to include equipment, safety, respiration, communication, buddy systems, dive planning, problem management and open-water diving skills. Upon successful completion of this course the student will receive a PADI open water dive certification. Prerequisite: Ability to swim. (This course only counts as 1 activity course credit in the UMHB Core requirement). Lab fee.

Distribution: Exercise Science .

EXSS - Exercise & Sport Science

The activity program reflects the current philosophy of leading educators regarding optimum development of the concepts of physical fitness including muscular strength development, muscular endurance, cardiovascular endurance, body composition, flexibility, and nutrition. Desirable outcomes include optimal levels of fitness and proficiency in one or more lifetime activities.

UMHB academic foundation requirements prescribe a minimum of two different activity courses to enrich each student's program.

A fee is required for each course to defray the cost of expendable equipment, supplies, and locker service. Students are expected to dress in appropriate attire for activity participation.

Students with long term physical disabilities should present a medical examination form from a medical doctor that outlines physical limitations and prescriptions to the Associate Dean of the EXSS Department to be filed with the student's major advisor and the Registrar. These students may be assigned to EXSS 2131 Modified Physical Education.

EXSS 1191 - Seminar (1)

May be repeated for credit. Fee.

Distribution: Exercise Science .

EXSS 2140 - SCEP Observation (1)

The purpose of this course is to expose students in the Strength and Conditioning Education Program (SCEP) to the field of strength and conditioning in a strength and conditioning setting. Students are required to accumulate 25 hours of in-person observation under a National Strength and Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS).

Distribution: Exercise & Sport Science.

EXSS 2141 - Sport Management Practicum (1)

This course provides field based leadership opportunities that are specific to each major field of study in Exercise & Sport Science. The instructor will assign supervised professional experience in selected venues under qualified personnel. Fee.

Distribution: Exercise & Sport Science.

EXSS 2330 - Foundations of Teaching Physical Education (3)

This course is an in-depth professional orientation into the field of teaching physical education. It will provide the prospective teacher with a general concept of the history, philosophy, current practices, teacher qualifications and opportunities in the field of physical education.

Distribution: Exercise & Sport Science.

EXSS 2335 - Introduction to Health Sciences (3)

This course provides students an overview of various careers in the health sciences including the aptitudes, abilities and educational pathways required for each. A basic overview of the U.S. health care system and current issues affecting the delivery of health care will also be provided. Throughout the course, interprofessional practice, communication, and ethics in health care will be explored.

Distribution: Exercise & Sport Science.

EXSS 2340 - Introduction to Exercise and Sport Science (3)

An exploratory course which introduces the student to areas of study within Exercise and Sport science. The course surveys foundational components of exercise and sport through the perspectives of experience, research, and professional practice.

Distribution: Exercise & Sport Science.

EXSS 2345 - Human Anatomy (3)

This course provides the basic principles of human anatomy. Students will learn human anatomy as it related to function through the study of photographs, models, drawings, and their own bodies. Concentration will be on skeletal, muscular, nervous, cardiovascular, as well as other basic organ systems as they relate to Exercise and Sport Sciences (EXSS) and allied health. * This course will not satisfy the UMHB core requirement for Laboratory Science.

Distribution: Exercise & Sport Science.

EXSS 2350 - Prevention and Care of Athletic Injuries (3)

This course is designed to introduce students interested in coaching athletics to prevention and care of injuries and conditions related to athletic participation. Emergency management, injury signs and symptoms, basic injury care, rehabilitation and taping and wrapping techniques are also covered.

Distribution: Exercise & Sport Science.

EXSS 2352 - Personal Health and Fitness (3)

A study of factors that contribute to personal health, including nutrition, diet, weight control, emotional health, stress, proper use of drugs, and medical and dental services.

Distribution: Exercise & Sport Science.

EXSS 2353 - Lifespan Nutrition (3)

This course will address the role of nutrition throughout the lifespan and across world cultures. Topics will include the issues of culture in food choices, energy balance, and their relationship to overall health and the worldwide obesity epidemic. This course is an introduction to nutrition, including nutritive and cultural value of foods, factors influencing nutritional requirements, and promoting health and preventing nutritionally related diseases.

Distribution: Exercise & Sport Science.

EXSS 2355 - Medical Terminology (3)

This course emphasizes medical terminology used in healthcare related professions. This course will go through a full understanding of medical terminology, from word origins to their application in areas such as pathological conditions, major bodily systems, disorders, treatments, medications and more.

Distribution: Exercise & Sport Science.

EXSS 2370 - Emergency Healthcare (3)

This course emphasizes Safety, CPR, and First Aid for the allied healthcare professional in the Community, School, and Athletic healthcare settings.

Distribution: Exercise & Sport Science.

EXSS 2371 - Principles of Sport Management (3)

An introduction to the basic concepts, career preparation skills and professional opportunities available in sport management.

Distribution: Exercise & Sport Science.

EXSS 3107 - Advanced Cardiovascular Training (1)

A capstone fitness course designed for Exercise & Sport Science majors with an in-depth understanding of the concepts of cardiovascular fitness, including cardiovascular endurance, muscular endurance, body composition, and stress. The nucleus of this course focuses on cardiovascular/aerobic conditioning. A variety of cardiovascular workouts in an applied setting are incorporated to enhance an optimal fitness level for the exercise and sport science major. VO2max testing is required.

Distribution: Exercise & Sport Science.

EXSS 3135 - Advanced Resistance Training (1)

Principles of program design, supervision, musculoskeletal risk factor identification, and methods of resistance training and assessment are emphasized in laboratory demonstrations. The course emphasizes a theoretical understanding of program design. (EXSS Majors only) Lab fee. Prerequisite: EXSS 3390.

Distribution: Exercise & Sport Science.

EXSS 3141 - Exercise and Sport Science Practicum (1)

This course provides field based leadership opportunities that are specific to each major field of study in Exercise and Sport Science. The instructor will assign supervised professional experience in selected venues under qualified personnel. Fee. Prerequisite

Distribution: Exercise & Sport Science.

EXSS 3170 - Health Science Clinical I (1)

Students must be a Health Sciences major in good academic standing. The clinical program provides the Health Sciences student with opportunity to observe physical therapy or occupational therapy setting to learn about the field of study, the events that occur in a clinical setting, and to develop professional contacts specific to the profession. Students are required to fulfill 50 hours of observation under a licensed physical therapist or occupational therapist for search section of 3170, 4170 and 4171 by the summer before their senior year for a total of 150 hours minimum. The clinical hours will be completed under the supervision of the supervising therapist at the clinical site and a faculty member from the EXSS Department.

Distribution: Exercise & Sport Science.

EXSS 3300 - Teaching Team and Individual Sports (Theory Course) (3)

This course will provide students with learning experiences in teaching motor skills, and activities in a variety of individual and team sports, Students will also gain greater knowledge of the activity or sport, and an appreciation for the basic skills needed for successful participation.

Distribution: Exercise & Sport Science.

EXSS 3310 - Communication in Sport (3)

An investigation of public relations and communication practices in sport including reputation management, media relations, crisis communications, community relations, and fostering relationships with key publics. Emphasis placed upon interpersonal, small group, and mass communication, electronic media applications, public speaking, and written communications in the sport industry.

Distribution: Exercise & Sport Science.

EXSS 3312 - Methods of Coaching (3)

The purpose of this course is to instruct students in the methodology behind the technical (motor skill) and tactical (strategic) aspects of team and individual sports. Students will learn different approaches to methodology as well as how to effectively design practice, in-season, off-season plans, and game plans. Player and team skill analysis and feedback will be highlighted.

Distribution: Exercise & Sport Science.

EXSS 3315 - Sport and Media Technology (3)

This course explores the emerging use of technology in sport management, specifically the evolution and role of new media. Students will gain knowledge and an understanding of new media through the use of various digital platforms utilized throughout the sport industry.

Distribution: Exercise & Sport Science.

EXSS 3330 - Concepts of Personal Training (3)

This course introduces students to the aspects of personal fitness training. Topics will include exercise prescriptions, training systems, equipment, safety, risk management, marketing, and program development. Upon completion, students should be able to demonstrate personal training techniques and competencies.

Distribution: Exercise & Sport Science.

EXSS 3335 - The Science of Weight Loss and Body Recomposition (3)

This course will address the associated factors leading to weight gain, increased body fat, and obesity. Additionally, attention will be given to the various strategies and techniques supported in the scientific literature that have been shown to assist in decreasing overall body weight, decreasing levels of adiposity, and improving lean muscle mass. More specifically, various dietary/nutritional approaches, strategies, and exercise interventions will be discussed. Long-term weight maintenance following weight loss will also be addressed in this course.

Distribution: Exercise & Sport Science.

EXSS 3354 - Performance Nutrition (3)

This course is an introduction to the effects of nutrition on various parameters of exercise performance. Emphasis will be given to whole food nutritional strategies and ergogenic aids that impact energy production, exercise performance, recovery from exercise, body composition, and overall health.

Distribution: Exercise & Sport Science.

EXSS 3357 - Pharmacology (3)

A study in the basic principles of pharmacology to include, administration, absorption, metabolism, excretion and pharmacokinetics. Other topics included will be prescriptions, tolerance, side-effects, interactions, polypharmacy, body responses and abuse. Prerequisite: BIOL 2340/BIOL2140.

Distribution: Exercise & Sport Science.

EXSS 3360 - Sport Venue/Event Management (3)

A study of the responsibilities of facility managers including event planning, security, administration, sales/marketing, finance/budgeting, human resources, legal issues, risk management, operations/maintenance, systems planning, site selection/design, and construction issues. Students are exposed to practical procedures involving applied theory to actual practice in solving facility management dilemmas. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 3372 - Sociology of Sport (3)

A study of sport function from an economic, political, sociological, and educational perspective. Includes examination of social influences regarding mass media, race, gender, and group behavior in relation to sport as a microcosm of society. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 3373 - Governance of Sport (3)

An investigation of the various agencies governing sport. Includes an examination of the agencies, their authority, organizational structure, and their function.

Distribution: Exercise & Sport Science.

EXSS 3374 - Sport Promotion/Marketing (3)

A focus on applying the fundamental concepts of marketing, including product, price, public relations, promotions, sales, and advertising in relation to the sport industry. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 3375 - Economics in Sport (3)

An examination of core economic concepts and applications within the sport industry including industrial organization, public finance, labor relations, non-profit entities, and economic theory applied to sport manufacturing and service industries, professional and intercollegiate sports, and stadiums/arenas applications. Economic principles studied include micro/macro perspectives, economic growth, economic impact, and competitive strategy.

Distribution: Exercise & Sport Science.

EXSS 3376 - Research Methods in Sport Management (3)

This course is designed to prepare students to conduct effective research to address problems facing managers in

the contemporary sport industry. Students will be provided with the appropriate skills and perspectives relating to research designs, implementation, analysis, and assessment criteria unique to sport management. Contemporary and innovative research methods will be examined in an attempt to address the current internet and technologically driven sport industry.

Distribution: Exercise & Sport Science.

EXSS 3377 - International Sport Management (3)

This course is an examination of sport business in a global society. It promotes awareness of the magnitude of the global expansion and development of sport. Emphasis is placed on the business opportunities created internationally through contrasting the U.S. sport industry with foreign markets. Issues covered include globalization, importing and exporting, cultural implications, international sporting events, international sport marketing, and cultural case studies.

Distribution: Exercise & Sport Science.

EXSS 3378 - Exercise Psychology (3)

This course examines psychological theories and research related to exercise behavior. The course introduces the student to the field of psychology by providing a broad overview of the major topics in the field.

Distribution: Exercise & Sport Science.

EXSS 3379 - Sport Psychology (3)

This course examines psychological theories and research related to sport behavior. The course introduces the student to the field of sport psychology by providing a broad overview of the major topics in the field.

Distribution: Exercise & Sport Science.

EXSS 3384 - Coaching Theory (3)

This course is a comprehensive introduction to the sports coaching profession. The primary goal of the course is to develop and enhance students' knowledge and understanding of modern concepts and techniques of sports coaching and their application. This class emphasizes positive coaching to build character and self-esteem through sports.

Distribution: Exercise & Sport Science.

EXSS 3390 - Anatomical Kinesiology (3)

Application of the basic mechanics of human motion in the movement sciences. Includes a study of gross anatomy with application of the anatomical and mechanical principles involved in human movement.

Distribution: Exercise & Sport Science.

EXSS 3395 - Physiology of Exercise (3)

This course is a study of physiology as relates to the acute and chronic effects of exercise. Areas of focus include bioenergetics, exercise metabolism, and temperature regulation. Skeletal muscle physiology and the physiology of the nervous, cardiovascular, and pulmonary systems and their responses and adaptations to exercise are emphasized. Prerequisite: BIOL2340/2140

Distribution: Exercise & Sport Science.

EXSS 3396 - Physiology of Exercise II (3)

A continuation of study in physiology related to exercise and the bodily systems. Emphasis will be placed exercise endocrinology, exercise and the threat of acid-base balance disturbance, applied physiology related to elite sport performance, special populations, environment physiology, and an increased emphasis on the laboratory components related exercise physiology. Prerequisite: EXSS 3395

Distribution: Exercise & Sport Science.

EXSS 4050 - EXSS Assessment (0)

Required of all Health Science majors. This course will assess the application process and acceptance rates into professional schools for all Health Science majors during their senior year.

Distribution: Exercise & Sport Science.

EXSS 4103 - Seminar in Health Sciences (1)

This capstone professional preparation course guides that students in their respective allied health graduate school application process. This writing emphasis course helps direct the students in the production of all required documents related to the application process including: resume preparation, cover letters, personal essays, and letters of application/interest. Other emphasis includes etiquette of letter of recommendations, exercising interview skills, and continues education on the application process including an overview of centralized application services. Additionally, the course provides interaction with professionals in both clinical and academic backgrounds to best prepare them for a successful application process into their respective graduate programs. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4104 - Senior Seminar (1)

The Senior Seminar course is designed to prepare those students seeking teacher certification in All-Level Physical Education, to successfully complete the physical education content exam. Emphasis will be given to testing strategies, study material and practice questions. A passing score on the practice examination administered at the end of the course will be required for clearance to take the Texas

Physical Education certification exam. Prerequisite: EXSS 3107 and Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4106 - Exercise Physiologist Seminar (1)

This course is designed to prepare students to sit in on the ACSM Exercise Physiologist Certification Exam. An emphasis will be placed on the four tested domains. Topics such as health and fitness assessment, exercise prescription implementation (general and special population), exercise counseling, behavior modification and responsibilities of an exercise physiologist will be covered. Lab Fee Required.

Prerequisites: Senior level status

Distribution: Exercise & Sport Science.

EXSS 4108 - Advanced Olympic Lifting Techniques (1)

This course will examine the technique and skills related to performing the primary Olympic lifts. The snatch, the clean, and jerk. The focus of the course will be to improving hands-on coaching skill of a future strength and condition specialist. Identification of cues and the movement pattern concerns will be included to ensure these moves are performed safely and powerfully.

Distribution: Exercise & Sport Science.

EXSS 4170 - Health Science Clinical II (1)

Students must be a Health Sciences major in good academic standing. The clinical program provides the Health Sciences student with opportunity to observe physical therapy or occupational therapy setting to learn about the field of study, the events that occur in a clinical setting, and to develop professional contacts specific to the profession. Students are required to fulfill 50 hours of observation under a licensed physical therapist or occupational therapist for search section of 3170, 4170 and 4171 by the summer before their senior year for a total of 150 hours minimum. The clinical hours will be completed under the supervision of the supervising therapist at the clinical site and a faculty member from the EXSS Department.

Distribution: Exercise & Sport Science.

EXSS 4171 - Health Science Clinical III (1)

Students must be a Health Sciences major in good academic standing. The clinical program provides the Health Sciences student with opportunity to observe physical therapy or occupational therapy setting to learn about the field of study, the events that occur in a clinical setting, and to develop professional contacts specific to the profession. Students are required to fulfill 50 hours of observation under a licensed physical therapist or occupational therapist for search section of 3170, 4170 and 4171 by the summer before their senior year for a total of 150 hours minimum. The clinical hours will be completed under the supervision of the supervising therapist at the clinical site and a faculty member from the EXSS Department.

Distribution: Exercise & Sport Science.

EXSS 4180 - Coaching Practicum (1)

This course is designed to provide students the opportunity to apply the principles and practices of coaching in a junior high or high school environment. The student will be allowed to actively participate in practical coaching experiences under the guidance and supervision of a qualified coach. Through this experience, the student is provided with the opportunity to engage in the various dimensions of coaching to demonstrate their coaching abilities in a practical setting.

Distribution: Exercise Science.

EXSS 4185 - CSCS Seminar (1)

The CSCS Seminar course is designed to prepare those students seeking certification as a Certified Strength and Conditioning Specialist (CSCS). Emphasis will be placed on a review of the exam content, structure of the exam, and include a guided review of exam specific content. Additionally, professional practices related to the field of strength and conditioning will be discussed. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4310 - Teaching Children and Adolescents Physical Education (3)

The purpose of this course is to provide prospective physical education teachers insight into the overall physical education program for children and adolescents in grades K-12. Emphasis is placed on program development, curriculum planning, and instructional methods and strategies needed to conduct a quality physical education program.

Distribution: Exercise & Sport Science.

EXSS 4315 - Ergogenic Aids in Sport (3)

This course provides the student with a comprehensive overview of ergogenic aids in the world of sport. Concentration will be on ergogenic aids related to nutritional interventions, dietary supplements, and mechanical aids, and their proposed effects on performance (strength, endurance, power), body composition, and anything that theoretically improves an individual's capacity to do work. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4319 - Program Design in Strength and Conditioning (3)

This course is focused on the manipulation of various training variables that elicit adaptations in strength and conditioning. This will include in-depth study of program design, periodization models, and other considerations for developing endurance, power, strength, agility and speed in athletic populations. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4320 - Group Fitness Programming (3)

This course is an examination of the process of developing an effective group fitness environment with programming attention to safety, optimal coaching & teaching, training principles, and correction/progression techniques. An applied emphasis on tailoring programs to achieve desirable, long-term results associated with a physically active, healthy lifestyle. Students will be encouraged to obtain a Group Fitness Certification.

Distribution: Exercise & Sport Science.

EXSS 4325 - Entrepreneurship in Fitness, Wellness & Sport (3)

This course examines the role of the entrepreneur and the decision making process associated with a start-up enterprise relating to the fitness, wellness and sport industries. Students will develop a business plan for a sport, fitness, recreation or wellness related organization that will include an emphasis on marketing, financing options, and sources of funding. Students will understand the entrepreneurial process and the skill sets required of entrepreneurs

Distribution: Exercise & Sport Science.

EXSS 4330 - Wellness Programming and Assessment (3)

This course is a study of the components of designing, implementing, and evaluating a worksite wellness program while investigating the methodology of behavioral change. The course is an examination of the role of worksite health promotion on disease prevention while addressing physical activity, nutrition, and preventive care with an emphasis on program development, effective management, and the related health and economic benefits associated with wellness in the workplace. Examples provided of methods for engaging and motivating employees to become active in their health and take responsibility for their well-being.

Distribution: Exercise & Sport Science.

EXSS 4335 - Biomechanics of Human Movement (3)

This course is the study of the basic principles of mechanics and human motion to provide students with an understanding of the internal and external forces that act on the body during movement. The role of muscle in generating force and controlling movement in the human body will be emphasized. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4340 - Elementary Methods of Teaching Physical Education (3)

This course will provide pre-service students insight into the overall physical education program for children in grades K-5. Emphasis is placed on program development, curriculum planning, and instructional methods and strategies that are intended to provide an understanding of the fundamental motor skill approach to children's physical education. Students are provided with both observation and peer teaching experiences.

Distribution: Exercise & Sport Science.

EXSS 4341 - Secondary Methods of Teaching Physical Education (3)

This course will provide prospective physical education teachers insight into the overall physical education program for children in grades 6-12. Emphasis is placed on program development, curriculum planning, and instructional methods and strategies at the secondary level. Students are provided with both observation and peer teaching experiences.

Distribution: Exercise & Sport Science.

EXSS 4344 - Leadership in Health Science (3)

This course presents leadership and management theories and concepts with opportunities to enhance personal skill development through self-assessment exercises. It provides students with contemporary perspectives on ethics, coaching, organizational culture, networking, learning organizations, strategic and crisis leadership in Health Sciences. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4350 - Principles of Strength and Conditioning (3)

Study of current principles and procedures essential to strength and condition (S&C) practices. Emphasis placed on an introduction to all areas of performance and sport specific testing procedures related to performance variables such as speed, agility, power, endurance and strength. Proper procedures and policies related to facility set-up and management in a S&C setting will be emphasized. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4351 - Rehabilitation and Therapeutic Exercise (3)

This course will address the roles of rehabilitation professionals regarding evaluation and treatment of various musculoskeletal related injuries and pathologies. An

emphasis will be placed upon basic anatomy, pathophysiology of various organ systems, tissue healing, orthopedic assessment techniques and rehabilitation interventions. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4360 - Pathophysiology of Chronic Disease (3)

This course will cover pathophysiology of the major chronic diseased states such as cardiovascular disease, cerebrovascular disease, dyslipidemia, hypertension, diabetes, cancer, obesity, COPD, etc. and will include etiology symptoms, and the physical reactions to diseases. Emphasis is placed on the interactions among body systems, and deviations from homeostasis and the role of lifestyle and nutrition on the progression and prevention of these diseased states. Prerequisite: A "C" or higher in BIOL 2341/2141 and Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4370 - Internship in S&C (3)

Students must be a Junior of Senior in good academic standing. The internship program provides the strength and conditioning (S&C) student with an educational opportunity to learn new skills in the area of S&C while working with athletes under the supervision of a Certified Strength and Conditioning Specialist (CSCS). Students are required to fulfill 300 hours over a minimum of 10 weeks in an approved setting. The internship will be completed under the supervision of an internship site supervisor holding the CSCS credential and a faculty member from the School of EXSS. Final agreements and arrangements are subject to approval from the EXSS Associate Dean/program director. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4375 - Ethics in Sport (3)

A study of the development, practice, and application of moral values as applied to sport and business. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4376 - Leadership Principles in Sport (3)

An examination of the theory and practice of leadership principles in sport management. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4377 - Field Experience (3)

The field experience is the capstone of the sport management major and provides the EXSS student with an educational opportunity to learn in a professional sport management setting. Evaluation and direction will be given from the program director with appropriate supervision provided by an on-site professional. 150 hours of hands-on field experience subsequent to the senior year must be accumulated under the supervision of a qualified on-site professional. Prerequisite: Junior level academic standing; Final agreements and arrangements are subject to approval from the EXSS Associate Dean/program director.

Distribution: Exercise & Sport Science.

EXSS 4378 - Sport Finance (3)

A study of basic financial concepts relating to the sport industry, including issues, managerial accounting practices, financial systems and business structure, capital structuring, budgeting, and principles of financial analysis. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4379 - Legal Aspects of Sport (3)

A study of legal implications of tort and liability law for education and sport-related industries. Includes and analysis of specific issues, court cases, and court decisions addressed by the American legal system. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4385 - Seminar in ECG Analysis (3)

The course will provide the students a thorough understanding of the components of the electrocardiogram (ECG) waveform, recognition and interpretation of cardiac rhythms, and diagnosing abnormal conditions such as ischemia using ECG patterns that are most seen in clinical settings both at rest and during exercise.

Distribution: Exercise & Sport Science.

EXSS 4390 - Independent Learning (3)

Individual study of a selected topic in Physical Education under the direction of a member of the department. Variable credit hours determined by the Department Chairperson based on the student's needs. Limited to three courses per student. Fee.

Distribution: Exercise & Sport Science.

EXSS 4392 - Tests and Measurements in EXSS (3)

Tests and Measurement is designed to teach the student the foundational theory of measurement and evaluation including reliability, validity, objectivity, and relevance. Practical application of test construction and test analysis will be an integral part of the course. Descriptive and inferential statistical procedures will be addressed. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4394 - Exercise Testing and Prescription (3)

This course addresses the clinical aspects of exercise testing and prescription including health history

assessment and disease risk stratification. This course will cover the pathophysiology related to diseased states such as cardiovascular disease, cerebrovascular disease, dyslipidemia, hypertension, diabetes, cancer, obesity, etc. and will discuss how physical activity or lack there of influence the progression of these diseases. Laboratory skills of interest will be assessment of blood pressure, ECG, and administration of an exercise test. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4395 - Motor Behavior (3)

This course examines factors that influence motor development from conception through adulthood and discusses theoretical perspectives and practical applications of motor development principles throughout the life span. This course also considers factors that influence the learning of motor skills in various stages of learning.

Distribution: Exercise & Sport Science .

EXSS 4398 - Field Experience in EXSS (3)

Students must be a Junior or Senior in good academic standing. The internship program provides the EXSS student with an educational opportunity to learn new skills, develop professional contacts and apply academic knowledge in a community setting. Students are required to fulfill 150 hours over a minimum of 10 weeks in an approved clinical, health, nutrition, sport or fitness related setting. The internship will be completed under the supervision of an internship site supervisor and a faculty member from the EXSS Department. Final agreements and arrangements are subject to approval from the EXSS Associate Dean/program director. Prerequisite: Junior standing.

Distribution: Exercise & Sport Science.

EXSS 4670 - Internship in Strength and Conditioning (6)

Students must be a Junior of Senior in good academic standing. The internship program provides the strength and conditioning (S&C) student with an educational opportunity to learn new skills in the area of S&C while working with athletes under the supervision of a Certified Strength and Conditioning Specialist (CSCS). Students are required to fulfill 300 hours over a minimum of 10 weeks in an approved setting. The internship will be completed under the supervision of an internship site supervisor holding the CSCS credential and a faculty member from the School of EXSS. Final agreements and arrangements are subject to approval from the EXSS Associate Dean/program director.

Distribution: Exercise & Sport Science.

FINA - Fine Arts

FINA 2330 - Exploring the Fine Arts (3)

The fine arts as they relate to the human experience. The course explores music, art and theater thru lectures, videos, discussion, and performance experiences.

NOTE: This course is required for those students receiving a degree in lower elementary education (EC-6) or interdisciplinary studies education.

Distribution: Visual and Performing Arts.

FLAN - Foreign Language

FLAN 1391 - Special Topics in Foreign Languages (3)

A course which presents topics of interest related to foreign languages or when there is an interest in study of a language not already offered. The course could involve a lab component along with classroom lectures.

Distribution: Humanities.

FLAN 2391 - Special Topics in Foreign Languages (3)

A course which presents topics of interest related to foreign languages or when there is an interest in study of a language not already offered. The course could involve a lab component along with classroom lectures.

Distribution: Humanities.

FLAN 3391 - Special Topics in Foreign Languages (3)

A course which presents topics of interest related to foreign languages or when there is an interest in study of a language not already offered. The course could involve a lab component along with classroom lectures.

Distribution: Humanities.

FLAN 4391 - Special Topics in Foreign Languages (3)

A course which presents topics of interest related to foreign languages or when there is an interest in study of a language not already offered. The course could involve a lab component along with classroom lectures.

Distribution: Humanities.

FLAN 4491 - Special Topics in Foreign Languages (4)

A course which presents topics of interest related to foreign languages or when there is an interest in study of a language not already offered. The course could involve a lab component along with classroom lectures.

Distribution: Humanities.

FREN - French

FREN 1410 - French 1 (4)

Beginning French consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. No prerequisite for 1410. Lab fee.

Distribution: Humanities.

FREN 1420 - French 2 (4)

Beginning French consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. Prerequisite 1410 or placement test. Lab fee.

Distribution: Humanities.

FREN 2310 - French 3 (3)

Study of grammar and composition. Selected readings from modern writers. Emphasis is on speaking, understanding, reading, and writing French. Prerequisite: FREN 1420; or equivalent.

Distribution: Humanities.

FREN 2320 - French 4 (3)

Study of grammar and composition. Selected readings from modern writers. Emphasis is on speaking, understanding, reading, and writing French. Prerequisite: FREN 2310; or equivalent.

Distribution: Humanities.

GEOL - Geology

GEOL 1401 - Physical Geology (4)

A study of the natural environment of man and the nature of material composing the earth, including the processes by which they are formed, altered, transported, and distorted. Various aspects of our oceans and the earth's atmosphere are included. This course is normally taught as a classroom course but in some instances it may consist of an extended field trip to different geological regions of the United States or Mexico. In such instances, enrollment will be limited and will require permission of the instructor. Expenses will be shared by the participants. Lab fee.

Distribution: Sciences.

GEOL 1402 - Historical Geology (4)

An introductory survey of the earth's geologic history from its earliest beginnings to the present, as well as a chronological study of how the processes of Physical Geology have operated, with emphasis placed on the North American continent. Ancient landmasses, ocean basins, mountain ranges, and the development of plants and animals will be among topics discussed. This course is normally taught as a classroom course but in some instances it may consist of an extended field trip to historically important geological regions of the United States or Mexico. In such instances, enrollment will be limited and will require permission of the instructor. Expenses will be shared by the participants. Lab fee.

Distribution: Sciences.

GEOL 1410 - Environmental Geology (4)

Basics of Geology with applications to current environmental concerns and sustainable practices using the scientific method. Three hours lecture and two hours laboratory per week. Designed for non-science majors and science majors. Laboratory fee.

Distribution: Sciences.

GLBL - Global Studies

GLBL 2310 - Cultural Immersion (3)

An introduction to the life and culture of a country or cultural group. This course gives students an immersive experience learning the language and culture while engaging with a host
family and the local community. The course is only offered as study abroad/study away and may be repeated with change of location.

Distribution: Social Science.

GREK - Greek

GREK 2413 - Elementary Greek I (4)

This course is an introduction to the most important grammatical constructions and categories of New Testament Greek. Practical applications, sample translations from the New Testament, linguistic theories, vocabulary acquisition, and samples of ancient Greek artifacts are included.

Distribution: Christian Studies.

GREK 2414 - Elementary Greek II (4)

This course is a continuation of Elementary Greek I. Consideration is given to the history of the New Testament text. Translation and interpretation of sections from one New Testament book serve as application. Prerequisite: GREK 2413.

Distribution: Christian Studies.

GREK 3313 - Intermediate Greek I (3)

This course is a study of New Testament Greek on an intermediate level. Sections from the Gospels and a New Testament epistle are used for detailed, interpretive studies of grammatical constructs and syntactical features. Additional New Testament translation and interpretation,

extended vocabulary acquisition, semantic domain analysis, and familiarization with available study tools are included. Practical and personal applications based upon exegesis are emphasized. Prerequisites: GREK 2414 and CSBS 1312

Distribution: Christian Studies.

GREK 3314 - Intermediate Greek II (3)

This course is a study of New Testament Greek on an advanced intermediate level and the history of the Greek language that builds upon the content in Intermediate Greek I. Readings and translations may include selections from the New Testament, the Septuagint, early Christian literature, and the Greek philosophers. Practical and personal applications based upon exegesis are emphasized. Prerequisites GREK 3313 and CSBS 1312

Distribution: Christian Studies.

GREK 4100 - Greek New Testament Reading Seminar (1)

Advanced Greek students will improve their understanding of the Greek New Testament through translation and exegesis of selected texts. Practical and personal applications are emphasized. Prerequisite: GREK 3314.

Distribution: Christian Studies.

HBRW - Hebrew

HBRW 2413 - Introduction to Classical Hebrew I (4)

The course introduces the student to biblical Hebrew. Hebrew grammar, vocabulary, and morphology are the focus.

Distribution: Christian Studies.

HBRW 2414 - Introduction to Classical Hebrew II (4)

This course continues the focus on Hebrew grammar and vocabulary while including translation of biblical texts. Prerequisite HBRW 2413.

Distribution: Christian Studies.

HBRW 3313 - Intermediate Classical Hebrew I (3)

This course involves a more advanced examination of biblical Hebrew grammar, syntax, and morphology with more translation of the biblical text. Emphasis is placed on understanding biblical Hebrew in its ancient near eastern context. Prerequisite: HBRW 2414.

Distribution: Christian Studies.

HBRW 3314 - Intermediate Classical Hebrew II (3)

This course is dedicated to application of the Hebrew skills students have learned to this point through the translation of extensive sections of the Hebrew Bible. Emphasis is placed on understanding biblical Hebrew in its ancient near eastern context. Prerequisite: HBRW 3313

Distribution: Christian Studies.

HBRW 4100 - Classical Hebrew Reading Seminar (1)

Advanced Classical Hebrew students will improve their understand of the Hebrew Bible/Old Testament through translation. Prerequisite HBRW 3314.

Distribution: Christian Studies.

HIST - History

HIST 1311 - History of World Civilizations to 1500 (3)

A survey of selected civilizations and cultures from prehistory to approximately 1500, focusing on social political, economic, religious, and intellectual themes which had on-going influence within and between cultures.

Distribution: Social Sciences .

HIST 1312 - History of World Civilizations since 1500 (3)

A survey of selected civilizations and cultures from approximately 1500 to the twentieth century, focusing on social, political, economic, religious and intellectual themes, particularly the impact of expanding Western civilizations on other regions and the development of globalization.

Distribution: Social Sciences .

HIST 2311 - American History to 1877 (3)

A survey of the political, economic, and cultural dimensions of the United States from early explorations to 1877.

Distribution: Social Sciences .

HIST 2312 - American History since 1877 (3)

A survey of the political, economic, and cultural dimensions of the United States from 1877 to the present.

Distribution: Social Sciences .

HIST 2340 - Historical Inquiry, Research, and Method (3)

A study of the specific skills, competencies, and points of view used by professionals in the field of history. This course also examines the fundamental principles and theories relevant to historical inquiry and reviews the standards of historical research and writing. No Prerequisites required.

Distribution: Social Sciences .

HIST 2350 - An Introduction to the Politics and Culture of Ancient Greece and Rome (3)

An introduction to the development of political and cultural ideas in ancient Greece and Rome (500BCE to 400CE), Students will be introduced to key intellectual, cultural, and political developments in Ancient Greece and Rome. An examination of the contemporary relevance of ancient thought will be emphasized.

Distribution: Social Sciences.

HIST 3313 - History of Texas (3)

A study of the social, economic, and political history of Texas from the period of colonization to the present. Prerequisite: HIST 2311 or 2312, or instructor's consent.

Distribution: Social Sciences .

HIST 3314 - The American South (3)

A study of the South from its colonial beginnings to the present. Special emphasis is placed on the history and development of slavery before the Civil War and of black southerners after. Prerequisite: HIST 2311 or 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 3325 - History of the American Presidency (3)

A study of the development of the power, the influence, and the limitations of the chief executive, including the President of the United States, state governors, and other executives in the American System. Prerequisite: HIST 2311 or 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 3340 - Asian History (3)

This course will consider the political, social, military, and cultural history of East Asia, Southeast Asia, and South Asia from the mid-1800s to the present day. Students will analyze the development of various forms of government including colonialism in India, Japan, China, Korea, Vietnam, and the Philippines. In addition, class-members will assess the stereotypes embraced by both western and Asian leaders, and determine how various misconceptions and national traits resulted in occupation and even war. Prerequisite: HIST 2340

Distribution: Social Sciences.

HIST 3362 - History of Latin America (3)

A study of Central and South America including European heritage, discovery, exploration and settlement, colonial institutions and government, struggles for independence, and the establishment of national states. Prerequisite: HIST 1311 or 1312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4090 - History Capstone (0)

All history majors will complete test covering competencies in using the tools of historical research, vocabulary, analysis, and content. Students will also submit reflective essays responding to experiences in their coursework. Class assessment is on Pass/Fail basis. Prerequisite: Senior standing.

Distribution: Social Sciences .

HIST 4195 - Internship (1)

This course allows the student to obtain credit for interning in a position related to his/her major or minor field of study. It must be pre-approved by the faculty in the History and Political Science Department. Credit hours awarded will be related to the number of hours worked, with at least forty-five hours of internship required for each credit hour awarded. Internships may be either paid or unpaid for field experience. All internships also will contain an academic component supervised by a faculty member in the Department. The internship plan must be approved by all parties prior to registration for the class. This class will be assessed on a Pass/Fail basis. While the class may be repeated once, only 3 hours may count toward the History major or minor. Prerequisites: Junior standing and at least a 3.0 GPA.

Distribution: Social Sciences .

HIST 4295 - Internship (2)

This course allows the student to obtain credit for interning in a position related to his/her major or minor field of study. It must be pre-approved by the faculty in the History and Political Science Department. Credit hours awarded will be related to the number of hours worked, with at least forty-five hours of internship required for each credit hour awarded. Internships may be either paid or unpaid for field experience. All internships also will contain an academic component supervised by a faculty member in the Department. The internship plan must be approved by all parties prior to registration for the class. This class will be assessed on a Pass/Fail basis. While the class may be repeated once, only 3 hours may count toward the History major or minor. Prerequisites: Junior standing and at least a 3.0 GPA.

Distribution: Social Sciences .

HIST 4311 - Constitutional History of the US I (3)

A study of the historical evolution of the United States Constitution with an emphasis on court decisions concerning federalism, separation of powers, and economics. (Same as POLS 4311) Prerequisite: HIST 2311 or 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4312 - Constitutional History of the US II (3)

A study of the historical evolution of the United States Constitution with an emphasis on court decisions concerning civil rights and civil liberties. (Same as POLS 4312) Prerequisite: HIST 2311 or 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4313 - History of Western Political Thought Through the Enlightenment (3)

A study of the history of political theory with emphasis on Plato, Aristotle, Cicero, Augustine, Aquinas, and Machiavelli. (Same as POLS 4313) Prerequisite: HIST 1311 or 1312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4314 - History of Western Political Thought from the Nineteenth Century to the Present (3)

A study of early modern and modern western political theory with emphasis on Hobbes, Locke, Rousseau, the English utilitarians, Marx, and Nietzsche. (Same as POLS 4314) Prerequisite: HIST 1311 or 1312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4315 - History of Modern Africa (3)

This course will review Africa's history from the early 1800s to the end of the 20th century and will focus on the themes of imperialism, resistance movements, and the evolution of post-colonial societies. Students will examine such topics as travelers and missionaries, the Mau Mau Rebellion, genocide, child soldiers, and the diamond trade. Prerequisite: HIST 2340.

Distribution: Social Sciences.

HIST 4316 - Women's History (3)

This course will examine how gender and sexuality intersect with race, ethnicity, and nationality in a comparative and global context. Prerequisite HIST 2340.

Distribution: Social Sciences.

HIST 4321 - Colonial & Revolutionary America (3)

A study of the economic, political, and cultural development of the English settlements in North America from their establishment through the revolutionary struggle and its aftermath to 1789. Prerequisite: HIST 2311, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4322 - Age of Jefferson & Jackson (3)

A study of American history from 1789 to 1850, including the organization of government under the Constitution, the rise of political parties, nationalism, expansion, and the development of sectionalism. Prerequisite: HIST 2311, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4323 - Civil War & Reconstruction (3)

A study of the constitutional, economic, and intellectual crisis of the United States in the 1850s, the disruption of the Union, the Civil War, and the Reconstruction era to 1877. Prerequisite: HIST 2311 or 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4324 - Emergence of Modern America (3)

A study of the development of urban-industrial America which examines the impact of industrialism on American economic, political, and cultural life through the Progressive Era. Prerequisite: HIST 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4325 - Contemporary America (3)

A study of the economic, political, and cultural life of the United States from the close of World War I through World War II, domestic America after 1945, and the Cold War era. Prerequisite: HIST 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4330 - History of Church State In the U.S. (3)

A study of the interaction of religion, politics, and the state from colonial times to the present from historical, legal, and social scientific perspectives. (Same as POLS 4330) Prerequisite: HIST 2311 or 2312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4340 - Ancient Greece & Hellenistic World (3)

A study of social, economic, political, and cultural developments in Greece from the Mycenaean period through the Alexandrian Empire and the Roman Republic. Prerequisite: HIST 1311, and HIST 2340, or instructor consent.

Distribution: Social Sciences .

HIST 4342 - Roman Empire & Medieval World (3)

A study of social, economic, political, and cultural development in the later Roman Empire, medieval Europe, Byzantium and Islam to circa 1400 c.e. Prerequisite: HIST 1311, and HIST 2340, or instructor consent.

Distribution: Social Sciences .

HIST 4371 - 19th Century Europe, 1815-1914 (3)

A study of the development of Europe from the end of the Napoleonic era through the beginning of World War I. Prerequisite: HIST 1312, and HIST 2340, or instructor's consent.

Distribution: Social Sciences .

HIST 4375 - Twentieth Century Europe (3)

A study of the leading European states from the onset of World War I through the fall of the Soviet Union and its effects. Special attention is given to the origin, philosophy, and significance of communism, socialism, fascism, and Nazism. Prerequisite: HIST 1312, and HIST 2340, or instructor consent.

Distribution: Social Sciences .

HIST 4376 - Early Modern Europe, Renaissance to 1789 (3)

A study of the rise of modern Europe from the Renaissance to the French Revolution. Focus will be on social, religious, political, and philosophical changes, including the development of absolutism and constitutional forms of government. Prerequisite: HIST 1312, and HIST 2340, or instructor consent.

Distribution: Social Sciences .

HIST 4391 - Seminar (3)

A study of a selected historical topic designed to acquaint advanced students with techniques of historical research and writing. Credit will be given upon completion of an acceptable research paper. The course may be repeated with a change of topic.

Distribution: Social Sciences .

HIST 4395 - Internship (3)

This course allows the student to obtain credit for interning in a position related to his/her major or minor field of study. It must be pre-approved by the faculty in the History and Political Science Department. Credit hours awarded will be related to the number of hours worked, with at least forty-five hours of internship required for each credit hour awarded. Internships may be either paid or unpaid for field experience. All internships also will contain an academic component supervised by a faculty member in the Department. The internship plan must be approved by all parties prior to registration for the class. This class will be assessed on a Pass/Fail basis. While the class may be repeated once, only 3 hours may count toward the History major or minor. Prerequisites: Junior standing and at least a 3.0 GPA.

Distribution: Social Sciences .

HNRS - Honors

HNRS 2310 - Social Science Seminar (3)

The topics in this course vary depending upon interest of students and interest and expertise of faculty. This course focuses on Social Sciences related topics and can be used as Social Science credit. Enrollment is by invitation only.

Distribution: Sciences.

HNRS 2320 - Fine Arts/Humanities (3)

The topics in this course vary depending upon interest of students and interest and expertise of faculty. This course focuses on Fine Arts/Humanities related topics and can be use d as Fine Arts/Humanities credit. Enrollment is by invitation only.

Distribution: Sciences.

HNRS 3110 - Honors Seminar (1)

Free discussions of books chosen from different areas of study. Student responsibility for guiding discussion in most meetings. Emphasis on analysis, interpretation, and correlation.

Distribution: Sciences.

HNRS 3120 - Honors Seminar (1)

Free discussions of books chosen from different areas of study. Student responsibility for guiding discussion in most meetings. Emphasis on analysis, interpretation, and correlation.

Distribution: Sciences.

HNRS 4010 - Honors Research I (0)

This course is designed to provide guidance to upper-level honors students undertaking the senior honors project. Requirements include attendance at relevant honors research sessions and submission of a successful senior honors project application. Upper-level honors students must enroll in this course during the second semester of their junior year.

Distribution: Sciences.

HNRS 4020 - Honors Research II (0)

This course is designed to provide guidance to upper-level honors students undertaking the senior honors project. Requirements include attendance at relevant honors research sessions and submission of a successful senior honors prospectus. Upper-level honors students must enroll in this course during the first semester of their senior year.

Distribution: Sciences.

HUMA - Humanities

HUMA 1x91 - Selected Topics in the Humanities

This class explores specialized topics in the Humanities. Variable credit available. May be repeated for credit when topics vary.

Distribution: Humanities.

HUMA 2350 - Humanities: Origins (3)

Intensive Socratic seminar that offers readings of great texts from the world of the ancient Greeks and Hebrews. Likely readings would include selections from the Old Testament, Aristotle, Plato, Homer, and Greek drama. For motivated students who are willing to undertake a demanding reading workload. Prerequisites: ENGL 1321, ENGL 1322; CSBS 1311 (or concurrent enrollment) This course will satisfy 3 hours of the ENGL literature requirement.

Distribution: Humanities.

HUMA 2355 - Foundations of the Humanities (3)

The course will be a seminar-style exploration of the philosophical aspects of the humanities- the nature of the relationship between imagination and truth, the distinct forms of knowledge that literary works afford their readers, the habits of mind that such works cultivate in their readers, and the parallels between secular and sacred forms of imaginative writing. HUMA 2355 aims to introduce students to some of the foundational matters in the humanities, and to encourage forms of critical reading that deepen student understanding of literary works not only as objects they might contemplate but also as means by which they might be moved toward a truly good life. Prerequisite: ENGL 1322

Distribution: Humanities.

HUMA 2360 - Explorations (3)

This course is an interdisciplinary, team-taught seminar which combines multiple facets of the liberal arts in order to explore the theories, suppositions, assumptions, and explanations regarding a central topic, issue, or concept of focus. The underlying goal of the course is to gain an understanding of how various disciplines within the arts, humanities, and sciences have had both a symbiotic and antagonistic relationship in regard to explaining and exploring topics of importance.

Distribution: Humanities.

HUMA 2x91 - Selected Topics in the Humanities

This class explores specialized topics in the Humanities. Variable credit available. May be repeated for credit when topics vary.

Distribution: Humanities.

HUMA 3x91 - Selected Topics in Humanities

This class explores specialized topics in the Humanities. Variable credit available. May be repeated for credit when topics vary.

Distribution: Humanities.

HUMA 4090 - Humanities Workshop (0)

All Applied Humanities and Classical Humanities Minors will complete a comprehensive exam covering specified learning objectives of the major programs involved in each curricula with a particular focus on the global perspectives and world views gained. Students will also submit reflective essays responding to experiences in their coursework as well as a sample of representative work. Class assessment in on Pass/Fail basis. Prerequisite: to be taken in the students' last semester of course work.

Distribution: Humanities.

HUMA 4x91 - Selected Topics in Humanities

This class explores specialized topics in the Humanities. Variable credit available. May be repeated for credit when topics vary.

Distribution: Humanities.

ITAL - Italian

ITAL 1410 - Italian 1 (4)

Beginning Italian consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation.

Distribution: Humanities.

ITAL 1420 - Italian 2 (4)

Beginning Italian consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. Lab fee. Prerequisite: ITAL 1410 or equivalent.

Distribution: Humanities.

ITAL 2310 - Italian 3 (3)

Emphasis is on development of oral proficiency in the language. Selected cultural and contemporary topics and literary readings of moderate difficulty from modern Italian authors with discussion in Italian of the reading selections. Review of composition and certain grammatical principles. Prerequisite: ITAL 1420 or equivalent.

Distribution: Humanities.

ITAL 2320 - Italian 4 (3)

Emphasis is on development of oral proficiency in the language. Selected cultural and contemporary topics and literary readings of moderate difficulty from modern

Italian authors with discussion in Italian of the reading selections. Review of composition and certain grammatical principles. Prerequisite: ITAL 2310.

Distribution: Humanities.

MATH - Mathematics

MATH 1300 - Mathematics Review (3)

A course designed to review selected aspects of high school algebra which are a necessary prerequisite to college courses. This course does not meet any math requirement nor does it count toward any degree.

Distribution: Sciences.

MATH 1304 - Survey of Mathematics (3)

A survey of topics in contemporary mathematics such as set theory, logic, number theory, finance, geometry, probability, statistics, voting theory, and graph theory.

Distribution: Sciences.

MATH 1306 - College Algebra (3)

A study of equations, inequalities, and the graphs and properties of linear, quadratic, polynomial, rational, exponential, and logarithmic functions.

Distribution: Sciences.

MATH 1315 - Mathematics for Business (3)

A technology-based introduction to mathematical tools used in business. Topics include time value of money, descriptive statistics, probability, systems of linear equations, linear programming, break-even analysis, and an introduction to differential calculus.

Distribution: Sciences.

MATH 1320 - Pre Calculus (3)

A course designed to prepare students for the calculus sequence. Topics include relations and functions, including polynomial, rational, exponential, and logarithmic functions; a study of trigonometric functions, their applications and graphs, trigonometric identities, and solving trigonometric equations; additional topics may include an introduction to conic sections, polar coordinates, systems of equations, and matrices, or sequences and series. Prerequisite: A grade of "C" or higher in MATH 1306, a score of 570 or higher on the Math SAT, a score of 24 or higher on the Math ACT, or placement by ALEKS exam.

Distribution: Sciences.

MATH 1325 - Applied Calculus (3)

A study of differential and integral calculus with an emphasis on applications. This course cannot serve as a replacement for Math 1430 Calculus I. Prerequisites: A grade of "C" or higher in MATH 1306, a score of 570 or higher on the Math SAT, a score of 24 or higher on the Math ACT, or placement by ALEKS exam.

Distribution: Sciences.

MATH 1430 - Calculus I (4)

A study of the derivatives and integrals with their principal interpretations. Techniques of differentiation of functions of one variable. Prerequisite: A grade of "C" or higher in Math 1320 or placement by ALEKS exam.

Distribution: Sciences.

MATH 2303 - Statistics (3)

An introduction to statistics including a study of frequency distributions, measure of location and variation, probability distributions, sampling distributions, and statistical inference. Hypothesis testing, ANOVA, and simple linear regression are also considered. Prerequisite: A grade of “C” or higher in MATH 1306 or higher or placement by ALEKS exam.

Distribution: Sciences.

MATH 2304 - Mathematics for Educators I (3)

Patterns, number theory, properties of natural, integer rational, and real number systems, and concepts of algebraic reasoning with problem solving as specified for EC-6 mathematics.

Distribution: Sciences.

MATH 2305 - Mathematics for Educators II (3)

Concepts and principles of geometry, measurement, mathematical structures, sets, and probability with problem solving as specified for EC-6 mathematics.

Distribution: Sciences.

MATH 2320 - Linear Algebra (3)

A study of systems of linear equations, matrices, determinants, vector inner product and cross product, vector spaces, linear transformations, eigenvectors, and eigenvalues. Prerequisite: A grade of "C" or higher in MATH 1430.

Distribution: Sciences.

MATH 2430 - Calculus II (4)

A study of integration and applications. Theory of infinite series. Prerequisite: MATH 1430 with a grade of "C" or higher.

Distribution: Sciences.

MATH 3093 - Junior Seminar (0)

Students majoring in Mathematics will receive career or graduate school counseling and establish a plan for research in Senior Seminar, MATH 4293.

Distribution: Sciences.

MATH 3314 - Geometry (3)

An axiomatic study of Euclidean and non-Euclidean geometry.

Prerequisite: A grade of “C” or higher in MATH 2320 or 2430.

Distribution: Sciences.

MATH 3315 - History of Mathematics (3)

A study of the history, development, and application of mathematical concepts with particular emphasis on algebraic and geometric principles. Prerequisite: A grade of "C" or higher in MATH 1430 or permission of instructor.

Distribution: Sciences.

MATH 3320 - Foundations of Higher Mathematics (3)

A study of formal logic and set theory (including truth tables, propositional and predicate calculus, equivalence relations, and cardinality of sets) and of the nature and methods of abstract mathematical proof. Prerequisite: A grade of "C" or higher in MATH 2320 or 2430.

Distribution: Sciences.

MATH 3325 - Ordinary Differential Equations (3)

Topics will include first order, linear higher order and nonlinear differential equations, systems of linear differential equations, consideration of boundary value problems, introduction to power series methods, elements of Laplace Transform. Prerequisite: MATH 2430 Calculus II with a grade of "C" or higher.

Distribution: Sciences.

MATH 3326 - Partial Differential Equations (3)

This course is a study of partial differential equations (PDEs) and their applications. Topics include derivation of specific PDE models, boundary value problems, and the theory of Fourier series. Prerequisite: MATH 3325 with a grade of "C" or higher.

Distribution: Sciences.

MATH 3341 - Numerical Analysis (3)

A study of numerical approaches to mathematical computations. Topics may include equation solving, linear systems, least squares problems, polynomial interpolation, differentiation, integration, or differential equations. Roundoff error, conditioning of problems, and stability of algorithms will also be addressed. Prerequisite: Math 2320 or concurrent enrollment, and a grade of "C" or higher in MATH 2430.

Distribution: Sciences.

MATH 3430 - Calculus III (4)

A study of multivariable calculus differentiation and integration. Prerequisite: MATH 2430 with a grade of "C" or higher.

Distribution: Sciences.

MATH 4193 - Senior Seminar: (1)

Requirements may include a literature search, oral presentation, and formal paper on a relevant topic in mathematics. Additionally, students majoring in mathematics must complete the mathematics achievement examination prior to graduation. Prerequisite: MATH 3093 and MATH 4310, MATH 4320, and MATH 4385, or concurrent enrollment.

Distribution: Sciences.

MATH 4293 - Senior Seminar (2)

Students will conduct research on a relevant topic in Mathematics and will complete an oral presentation, and formal paper on their research. Additionally, students majoring in mathematics must complete the Major Field Test and departmental assessments. Prerequisite: MATH 3093 and MATH 4310, MATH 4320, and MATH 4385, or concurrent enrollment.

Distribution: Sciences .

MATH 4310 - Analysis (3)

An introduction to the analysis of real numbers, functions, sequences, series, limits, continuity, differentiation, integration, and convergence. Prerequisite: A grade of "C" or higher in MATH 3320 and 3430.

Distribution: Sciences.

MATH 4320 - Abstract Algebra (3)

Introduction of basic algebraic properties of groups, rings, and fields, culminating in Galois Theory, with some indication of its uses. Prerequisite: A grade of "C" or higher in MATH 2320 and 3320.

Distribution: Sciences.

MATH 4385 - Mathematical Probability and Statistics (3)

Probability theory and mathematical statistics presented at the post-calculus level. Topics include probability axioms, random variables, expectations, special discrete and continuous distributions, sampling theory, and data reduction. Prerequisite: MATH 3430 with a grade of "C" or higher.

Distribution: Sciences.

MUSI - Music

MUSI 1113 - Class Guitar I (1)

A hands-on study of how to play the guitar in a group setting. No experience required. Students must provide their own classical or acoustic guitar.

Distribution: Visual and Performing Arts.

MUSI 1114 - Class Piano for Non-Majors (1)

A beginning group piano instruction experience for non-music majors or minors. Little or no prior music background is required.

Distribution: Visual and Performing Arts.

MUSI 1115 - Class Piano I (1)

A beginning group piano instruction experience. Four semester of class piano may prepare students for the Applied Music Proficiency Examination in piano.

Distribution: Visual and Performing Arts.

MUSI 1116 - Class Piano II (1)

A group piano instruction experience. A continuation of MUSI 1115 Class Piano I. Prerequisite: MUSI 1115 Class Piano I.

Distribution: Visual and Performing Arts.

MUSI 1119 - Class Guitar II (1)

A hands-on study to further develop playing the acoustic guitar. This course will include training on the electric and bass guitar. Prerequisite: MUSI 1113 Class Guitar I

Distribution: Visual and Performing Arts.

MUSI 1120 - Introduction to Music Technology (1)

A 'hands-on' orientation to three major areas of music technology; computer assisted music notation; MIDI programming; and, digital recording techniques. Lab fee.

Distribution: Visual and Performing Arts.

MUSI 1131 - Aural Skills I (1)

Study of music theory through development of analytical, critical listening skills, vocal technical exercises, and sight-singing using solfege system. Co-requisite MUSI 1331

Distribution: Visual and Performing Arts.

MUSI 1132 - Aural Skills II (1)

Continuation of MUSI 1131. Should be taken concurrently with MUSI 1332. Prerequisite: MUSI 1131.

Distribution: Visual and Performing Arts.

MUSI 1160 - Class Brass (1)

Pedagogical and practical study in understanding and teaching brass instruments to students. Instruction in performing and teaching trumpet, French horn, trombone, baritone, and tuba.

Distribution: Visual and Performing Arts.

MUSI 1162 - Class Strings (1)

Pedagogical and practical study in understanding and teaching strings instruments to students. Instruction in performing and teaching violin, viola, cello, and double bass.

Distribution: Visual and Performing Arts.

MUSI 1166 - Class Percussion (1)

Pedagogical and practical study in understanding and teaching percussion instruments to students. Instruction in performing and teaching timpani, snare drum, and various auxiliary percussion instruments.

Distribution: Visual and Performing Arts.

MUSI 1168 - Class Woodwind (1)

Pedagogical and practical study in understanding and teaching woodwind instruments to students. Instruction in performing and teaching Flute, Oboe, Bassoon, Clarinet, and Saxophone.

Distribution: Visual and Performing Arts.

MUSI 1180 - Church Music Internship (1)

Church Music ministry experience in a field service setting (paid or unpaid). Require-ments include field-based observation by church and faculty supervisors.

Distribution: Visual and Performing Arts.

MUSI 1219 - Vocal Diction I (2)

Fundamentals of pronunciation of the English, Italian, and Latin languages. Phonetic study of texts of songs and/or choral works in these languages.

Distribution: Visual and Performing Arts.

MUSI 1220 - Vocal Diction II (2)

Fundamentals of pronunciation of the German and French languages. Phonetic study of texts of songs and/or arias in these languages. Prerequisite: MUSI 1219.

Distribution: Visual and Performing Arts.

MUSI 1331 - Theory I (3)

Basic theoretical concepts and skills relating to the music of the common practice period. The course covers basic concepts of notation, melody, rhythm, harmony, and analysis, with an emphasis on harmonic structure and progression. Should be taken concurrently with MUSI 1131.

Distribution: Visual and Performing Arts.

MUSI 1332 - Theory II (3)

Continuation of MUSI 1331. Includes counterpoint, all diatonic triads and seventh chords, inversions, and non-chord tones and emphasizes four-voice part writing as a tool for learning melodic structure, principles of voice leading, and harmonic progression. Should be taken concurrently with MUSI 1132. Prerequisite: MUSI 1331.

Distribution: Visual and Performing Arts.

MUSI 1340 - Music Appreciation (3)

FOR NON-MAJORS ONLY. A course designed to develop a deeper appreciation of music through the discovery of the design of melodic, rhythmic, harmonic, and contrapuntal aspects of music. A study of the musical forms represented in the various periods of the history of Western Civilization.

Distribution: Visual and Performing Arts.

MUSI 2000 - Sophomore Review (0)

Comprehensive exam take by students in Bachelor of Music degree programs covering Music Theory, Aural Skills, and Music History. Students must demonstrate competency in all areas. Prerequisites: MUSI 2332 Theory IV, MUSI 2132 Aural Skills IV, and MUSI 3353 Music History II.

Distribution: Visual and Performing Arts.

MUSI 2115 - Class Piano III (1)

A group piano instruction experience. A continuation of MUSI 1116 Class Piano II. Prerequisite: MUSI 1116 Class Piano II.

Distribution: Visual and Performing Arts.

MUSI 2116 - Class Piano IV (1)

A group piano instruction experience. A continuation of MUSI 2115 Class Piano III. At the end of this course students will attempt the Applied Music Proficiency Examination in piano. Prerequisite: MUSI 2115 Class Piano III.

Distribution: Visual and Performing Arts.

MUSI 2131 - Aural Skills III (1)

Continuation of MUSI 1132. Should be taken concurrently with MUSI 2331. Prerequisite: MUSI 1132 and 1332.

Distribution: Visual and Performing Arts.

MUSI 2132 - Aural Skills IV (1)

Continuation of MUSI 2131. Should be taken concurrently with MUSI 2332. Prerequisite: MUSI 2131 and 2331.

Distribution: Visual and Performing Arts.

MUSI 2240 - Rehearsal Techniques for Worship Bands (2)

An overview of techniques and best practices for leading worship band rehearsals.

Distribution: Visual and Performing Arts.

MUSI 2265 - Introduction to Conducting (2)

Beginning skill development with the baton; conducting beat and metrical patterns; gestures of articulation and expression. Prerequisite: MUSI 2331 or permission of the instructor.

Distribution: Visual and Performing Arts.

MUSI 2268 - Introduction to Music Education (2)

An introduction to the field of music education including history and philosophy of music education, an overview of the school music program, major elementary methodologies, and best practices in education.

Distribution: Visual and Performing Arts.

MUSI 2310 - Worship Ministry in the Local Church (3)

An overview of church music concepts, practices, and administration.

Distribution: Visual and Performing Arts .

MUSI 2331 - Theory III (3)

Continuation of MUSI 1332. Includes secondary dominant and leading tone chords, modulation to closely related keys, borrowed chords, Neapolitan chords, and augmented 6^{th} chords, Should be taken concurrently with MUSI 2131. Prerequisite: MUSI 1332.

Distribution: Visual and Performing Arts.

MUSI 2332 - Theory IV (3)

Continuation of MUSI 2331. Includes study of chromatic tonal harmony, late Romantic harmony, chromatic modulation, enharmonic reinterpretation, modes, exotic and synthetic scales, 20th century harmonic vocabulary and techniques, set theory, 12-tonal theory, and aleatoric practices. Should be taken concurrently with MUSI 2132. Prerequisite: MUSI 2331.

Distribution: Visual and Performing Arts.

MUSI 2334 - Applications in Commercial Music Theory (3)

Applications of chord progressions, song forms, and harmonic techniques used in commercial music. Topics include chord notation and chord voicings, and the Nashville numbering system.

Distribution: Visual and Performing Arts.

MUSI 2352 - Music History I (3)

A survey of the history, music literature, and compositional techniques and styles from Gregorian chant through 1750.

Distribution: Visual and Performing Arts.

MUSI 2358 - World Music (3)

A survey of the literature, compositional techniques, musical traditions and cultural contexts of the music not common to traditional western musical study.

Distribution: Visual and Performing Arts.

MUSI 2360 - History of Rock Music (3)

A survey of the history of rock music from its origins to present day.

Distribution: Visual and Performing Arts.

MUSI 3140 - Advanced Diction: French (1)

An intensive study of the principles and practice of French diction as defined by current performance standards, including International Phonetic Alphabet (IPA) transcriptions and poetic readings. Prerequisite: MUSI 1220 or permission of the instructor.

Distribution: Visual and Performing Arts.

MUSI 3180 - Church Music Internship (1)

Church Music ministry experience in a field service setting (paid or unpaid). Require-ments include field-based observation by church and faculty supervisors.

Distribution: Visual and Performing Arts.

MUSI 3240 - Advanced Diction: Italian & German (2)

An intensive study of the principles and practice of German and Italian diction as defined by current performance standards, including International Phonetic Alphabet (IPA) transcriptions and poetic readings. Prerequisite: MUSI 1220 or permission of the instructor.

Distribution: Visual and Performing Arts.

MUSI 3289 - Service Playing (2)

A study of playing in worship and other services (i.e. weddings, etc.) and of the use of the organ and/or piano in worship service. Discussion of service literature, hymn playing, and selecting new instruments for the church. Prerequisite: MUSI 2005 or equivalent. Permission of instructor.

Distribution: Visual and Performing Arts.

MUSI 3335 - Technology for Worship Ministry (3)

An orientation to the technologies used in church music and worship ministry.

Distribution: Visual and Performing Arts.

MUSI 3336 - Advanced Music Technology (3)

Students will build on skills from Introduction to Music Technology to further develop skills in audio recording, editing, and mixing.

Distribution: Visual and Performing Arts.

MUSI 3344 - History of Church Music and Worship (3)

A survey of church music and worship from the Old Testament to the contemporary church.

Distribution: Visual and Performing Arts.

MUSI 3353 - Music History II (3)

A survey of the history, music literature, and compositional techniques and styles from 1750 to present.

Distribution: Visual and Performing Arts.

MUSI 3356 - American Music History and Literature (3)

An in-depth study of the history, literature, compositional techniques and styles of art music, folk, popular, and jazz idioms of the United States.

Distribution: Visual and Performing Arts.

MUSI 3361 - Elementary Music (3)

Participation in music experiences for the lower- and upper-grade elementary child. Song-singing, listening, movement, and music literacy pedagogy. Observation and clinical experiences in public school classrooms will be required. Prerequisites MUSI 2268 and EDUC 3315.

Distribution: Visual and Performing Arts.

MUSI 3362 - Secondary Choral Methods (3)

Study of teaching vocal ensembles in the middle school and high school setting, including strategies for program management, repertoire selection, and rehearsal techniques. Observation and clinical experiences in public school classrooms will be required. Prerequisites: MUSI 2268 and EDUC 3315

Distribution: Visual and Performing Arts.

MUSI 3363 - Choral Literature (3)

A comprehensive survey covering the vast choral output of major composers and style periods; literature suitable for school, church, and civic choruses. Prerequisite: MUSI 2265.

Distribution: Visual and Performing Arts.

MUSI 3364 - Band and Orchestra Literature (3)

A comprehensive survey of Band and Orchestra literature of representative composers and style periods, suitable for use with school performing organizations. Prerequisite: MUSI 2265.

Distribution: Visual and Performing Arts.

MUSI 3365 - Advanced Choral Conducting (3)

A practicum covering the theory and application of choral conducting, emphasizing performance and rehearsal techniques, programming strategies, score reading and analysis. Prerequisite: MUSI 2265.

Distribution: Visual and Performing Arts.

MUSI 3367 - Advanced Instrumental Conducting (3)

A practicum covering the theory and application of instrumental conducting, emphasizing performance and rehearsal techniques, programming strategies, score reading and analysis. Prerequisite: MUSI 2265.

Distribution: Visual and Performing Arts.

MUSI 3368 - Secondary Instrumental Methods (3)

Study of teaching instrumental ensembles in the middle school and high school setting, including strategies for program management, repertoire selection, and rehearsal techniques. Observation and clinical experiences in public school classrooms will be required. Prerequisites: MUSI 2268 and EDUC 3315

Distribution: Visual and Performing Arts.

MUSI 3370 - Advanced Diction (3)

An intensive study of the principles and practice of diction as defined by current performance standards using the International Phonetic Alphabet.
Prerequisite MUSI 1220 or permission of the instructor.

Distribution: Visual and Performing Arts.

MUSI 3375 - Piano Pedagogy (3)

An overview of current instructional methods and materials for beginning and elementary piano students. Establishment and operation of a piano studio, including business procedures, student recruitment, and professional ethics will be studied. Class and private piano instruction will be discussed. Observations will be required.

Distribution: Visual and Performing Arts.

MUSI 3377 - Vocal Pedagogy (3)

A study of the human vocal mechanism and a survey of teaching methods for individual and group voice instruction. Observations required.

Distribution: Visual and Performing Arts.

MUSI 3381 - The Songs of Worship (3)

A historical survey of congregational music and Christian hymnody.

Distribution: Visual and Performing Arts.

MUSI 4006 - TExES Review (0)

A comprehensive review of music content for the TExES Music Exam, which is required for music teacher licensure. Reviews are organized according to the five domains included in the TExES Exam: Listening, Music Theory and Composition, Music History and Culture, Music Classroom Performance, and Music Education.

Distribution: Visual and Performing Arts.

MUSI 4191 - Seminar (1)

A study of selected topics in Music. The topic will be announced prior to registration. Prerequisite: Permission of instructor.

Distribution: Visual and Performing Arts.

MUSI 4210 - Research Methods for Performers (2)

This course guides students through the process of designing a lecture recital, which blends scholarly research with musical performance. Students will develop research skills and create an engaging lecture script that will form the basis of a lecture recital the following semester.

Distribution: Visual and Performing Arts.

MUSI 4223 - Orchestration Form and Analysis (2)

A survey of the characteristics of standard orchestral instruments and of arranging for various combinations of instruments. Includes an analytical survey showing the evolution of forms and textures of representative works from various periods of music history. Prerequisite: MUSI2331: Music Theory III.

Distribution: Visual and Performing Arts.

MUSI 4253 - Piano Literature (2)

A comprehensive historical survey of piano music. Program building and examination of published scores are included.

Distribution: Visual and Performing Arts.

MUSI 4291 - Seminar (2)

A study of selected topics in Music. The topic will be announced prior to registration. Prerequisite: Permission of instructor.

Distribution: Visual and Performing Arts.

MUSI 4310 - Philosophy of Church Music and Worship (3)

A study of the concepts and ideas that shape church music and worship.

Distribution: Visual and Performing Arts.

MUSI 4341 - Worship Design (3)

Develops and refines student's abilities to construct biblical worship services.

Distribution: Visual and Performing Arts.

MUSI 4355 - Vocal Literature (3)

A comprehensive historical survey of vocal music. Program building and examination of published scores are included.

Distribution: Visual and Performing Arts.

MUSI 4370 - Survey of Music Business (3)

An introduction to music business. Topics include decision making in an ever-changing global music industry, business issues and challenges including business ethics in the music industry. Some career guidance in the various music industry career tracks.

Distribution: Visual and Performing Arts.

MUSI 4385 - Music Business Senior Project (3)

The senior project demonstrates the skills and knowledge that a student has acquired over the course of their academic career as a Music Business major.

Distribution: Visual and Performing Arts.

MUSI 4391 - Seminar (3)

A study of selected topics in Music. The topic will be announced prior to registration. Prerequisite: Permission of instructor.

Distribution: Visual and Performing Arts.

MUSI 4395 - Recording Arts (3)

This course further explores the engineering and production practices and theories of the audio recording studio. The student will have hands-on experience with digital mixing consoles, multi-track recording, signal procession, and microphone placement. Attention will be given to concepts of quality audio recordings, audio mastering, critical listening, and studio session management. Prerequisite MUSI 3336 Advanced Music Technology.

Distribution: Visual and Performing Arts.

Applied Music

Applied Music (Individual Instruction)

Applied music instruction is intended for music majors and minors. Non-majors wishing to enroll in applied music must audition for the Chair of the Music Department. Music literacy is required of any student enrolled in applied music. Individual applied music instruction is available in the following areas: Piano, Voice, Woodwinds, Brass, and Percussion.

- All Music majors and minors must select an Applied Principal (best performing medium) and an Applied Secondary. Piano must be the Applied Secondary unless it is chosen as Principal.
- Bachelor of Music majors must pass the Secondary Piano Proficiency Exam (MUSI 2000). (Not required for Bachelor of Arts or music minor.) All music majors and minors must also pass a proficiency examination in their principal applied area (a second applied area if piano is their principal instrument.) Teacher certification candidates must pass the proficiency exam in piano and a second applied area before their semester of student teaching. Requirements for these tests are published by the Music Department.
- Applied music tuition and fees are found in the Financial Information section of this catalog.

MUAP 1000 - Performance Lab (0)

Recital attendance credit for Music Majors and Minors. May be repeated for credit. Lab fee.

Distribution: Visual and Performing Arts.

MUAP 1103 - Applied Music-Guitar (1)

Distribution: Visual and Performing Arts.

MUAP 1104 - Applied Music-Organ (1)

Distribution: Visual and Performing Arts.

MUAP 1105 - Applied Music-Piano (1)

Distribution: Visual and Performing Arts.

MUAP 1106 - Applied Music-Percussion (1)

Distribution: Visual and Performing Arts.

MUAP 1107 - Applied Music-Vocal (1)

Distribution: Visual and Performing Arts.

MUAP 1110 - Applied Music-Flute (1)

Distribution: Visual and Performing Arts.

MUAP 1111 - Applied Music-Oboe (1)

Distribution: Visual and Performing Arts.

MUAP 1112 - Applied Music-Clarinet (1)

Distribution: Visual and Performing Arts.

MUAP 1113 - Applied Music-Bassoon (1)

Distribution: Visual and Performing Arts.

MUAP 1114 - Applied Music-Saxophone (1)

Distribution: Visual and Performing Arts.

MUAP 1120 - Applied Music-Trumpet (1)

Distribution: Visual and Performing Arts.

MUAP 1121 - Applied Music-Horn (1)
Distribution: Visual and Performing Arts.
MUAP 1122 - Applied Music-Trombone (1)
Distribution: Visual and Performing Arts.
MUAP 1123 - Applied Music-Euphonium (1)
Distribution: Visual and Performing Arts.
MUAP 1124 - Applied Music-Tuba (1)
Distribution: Visual and Performing Arts.
MUAP 1130 - Applied Music—Violin (1)
Distribution: Visual and Performing Arts.
MUAP 1131 - Applied Music—Viola (1)
Distribution: Visual and Performing Arts.
MUAP 1132 - Applied Music—Cello (1)
Distribution: Visual and Performing Arts.
MUAP 1133 - Applied Music—String Bass (1)
Distribution: Visual and Performing Arts.
MUAP 1203 - Applied Music-Guitar (2)
Distribution: Visual and Performing Arts.
MUAP 1204 - Applied Music-Organ (2)
Distribution: Visual and Performing Arts.
MUAP 1205 - Applied Music-Piano (2)
Distribution: Visual and Performing Arts.
MUAP 1206 - Applied Music-Percussion (2)
Distribution: Visual and Performing Arts.
MUAP 1207 - Applied Music-Vocal (2)
Distribution: Visual and Performing Arts.
MUAP 1210 - Applied Music-Flute (2)
Distribution: Visual and Performing Arts.
MUAP 1211 - Applied Music-Oboe (2)
Distribution: Visual and Performing Arts.
MUAP 1212 - Applied Music-Clarinet (2)
Distribution: Visual and Performing Arts.
MUAP 1213 - Applied Music-Bassoon (2)
Distribution: Visual and Performing Arts.
MUAP 1214 - Applied Music-Saxophone (2)
Distribution: Visual and Performing Arts.
MUAP 1220 - Applied Music-Trumpet (2)
Distribution: Visual and Performing Arts.
MUAP 1221 - Applied Music-Horn (2)
Distribution: Visual and Performing Arts.
MUAP 1222 - Applied Music-Trombone (2)
Distribution: Visual and Performing Arts.
MUAP 1223 - Applied Music-Euphonium (2)
Distribution: Visual and Performing Arts.
MUAP 1224 - Applied Music-Tuba (2)
Distribution: Visual and Performing Arts.
MUAP 1230 - Applied Music—Violin (2)
Distribution: Visual and Performing Arts.
MUAP 1231 - Applied Music—Viola (2)
Distribution: Visual and Performing Arts.
MUAP 1232 - Applied Music—Cello (2)
Distribution: Visual and Performing Arts.
MUAP 1233 - Applied Music—String Bass (2)
Distribution: Visual and Performing Arts.
MUAP 1307 - Applied Music-Vocal (3)
Distribution: Visual and Performing Arts.
MUAP 2003 - Guitar Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2004 - Organ Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2005 - Piano Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2006 - Percussion Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2007 - Vocal Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2010 - Flute Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2011 - Oboe Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2012 - Clarinet Proficiency Exam (0)
Distribution: Visual and Performing Arts.

MUAP 2013 - Bassoon Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2014 - Saxophone Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2020 - Trumpet Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2021 - Horn Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2022 - Trombone Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2023 - Euphonium Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2024 - Tuba Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2030 - Violin Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2031 - Viola Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2032 - Cello Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 2033 - String Bass Proficiency Exam (0)
Distribution: Visual and Performing Arts.
MUAP 3000 - Level 1 Recital (0)
Distribution: Visual and Performing Arts.
MUAP 3103 - Applied Music-Guitar (1)
Distribution: Visual and Performing Arts.
MUAP 3104 - Applied Music-Organ (1)
Distribution: Visual and Performing Arts.
MUAP 3105 - Applied Music-Piano (1)
Distribution: Visual and Performing Arts.
MUAP 3106 - Applied Music-Percussion (1)
Distribution: Visual and Performing Arts.
MUAP 3107 - Applied Music-Vocal (1)
Distribution: Visual and Performing Arts.
MUAP 3110 - Applied Music-Flute (1)
Distribution: Visual and Performing Arts.
MUAP 3111 - Applied Music-Oboe (1)
Distribution: Visual and Performing Arts.
MUAP 3112 - Applied Music-Clarinet (1)
Distribution: Visual and Performing Arts.
MUAP 3113 - Applied Music-Bassoon (1)
Distribution: Visual and Performing Arts.
MUAP 3114 - Applied Music-Saxophone (1)
Distribution: Visual and Performing Arts.
MUAP 3120 - Applied Music-Trumpet (1)
Distribution: Visual and Performing Arts.
MUAP 3121 - Applied Music-Horn (1)
Distribution: Visual and Performing Arts.
MUAP 3122 - Applied Music-Trombone (1)
Distribution: Visual and Performing Arts.
MUAP 3123 - Applied Music-Euphonium (1)
Distribution: Visual and Performing Arts.
MUAP 3124 - Applied Music-Tuba (1)
Distribution: Visual and Performing Arts.
MUAP 3130 - Applied Music—Violin (1)
Distribution: Visual and Performing Arts.
MUAP 3131 - Applied Music—Viola (1)
Distribution: Visual and Performing Arts.
MUAP 3132 - Applied Music—Cello (1)
Distribution: Visual and Performing Arts.
MUAP 3133 - Applied Music—String Bass (1)
Distribution: Visual and Performing Arts.
MUAP 3203 - Applied Music-Guitar (2)
Distribution: Visual and Performing Arts.
MUAP 3204 - Applied Music-Organ (2)
Distribution: Visual and Performing Arts.
MUAP 3205 - Applied Music-Piano (2)
Distribution: Visual and Performing Arts.
MUAP 3206 - Applied Music-Percussion (2)
Distribution: Visual and Performing Arts.
MUAP 3207 - Applied Music-Vocal (2)
Distribution: Visual and Performing Arts.

MUAP 3210 - Applied Music-Flute (2)

Distribution: Visual and Performing Arts.

MUAP 3211 - Applied Music-Oboe (2)

Distribution: Visual and Performing Arts.

MUAP 3212 - Applied Music-Clarinet (2)

Distribution: Visual and Performing Arts.

MUAP 3213 - Applied Music-Bassoon (2)

Distribution: Visual and Performing Arts.

MUAP 3214 - Applied Music-Saxophone (2)

Distribution: Visual and Performing Arts.

MUAP 3220 - Applied Music-Trumpet (2)

Distribution: Visual and Performing Arts.

MUAP 3221 - Applied Music-Horn (2)

Distribution: Visual and Performing Arts.

MUAP 3222 - Applied Music-Trombone (2)

Distribution: Visual and Performing Arts.

MUAP 3223 - Applied Music-Euphonium (2)

Distribution: Visual and Performing Arts.

MUAP 3224 - Applied Music-Tuba (2)

Distribution: Visual and Performing Arts.

MUAP 3230 - Applied Music-Violin (2)

Distribution: Visual and Performing Arts.

MUAP 3231 - Applied Music-Viola (2)

Distribution: Visual and Performing Arts.

MUAP 3232 - Applied Music-Cello (2)

Distribution: Visual and Performing Arts.

MUAP 3233 - Applied Music-String Bass (2)

Distribution: Visual and Performing Arts.

MUAP 3307 - Applied Music-Vocal (3)

Distribution: Visual and Performing Arts.

MUAP 4000 - Level 2 Recital (0)

Distribution: Visual and Performing Arts.

Music Ensembles

Music ensembles are open to all UMHB students, regardless of major. Ensemble placement is determined by auditions. Music majors and minors are required to participate for credit in music ensembles. For more information, contact the Music Department at 254-295-4686 or 254-295-4678.

MUEN 1089 - CRU Spirit Band (0)

Instrumental Ensemble performing at athletic events and campus events. Prerequisite: Interview with instructor.

Distribution: Visual and Performing Arts.

MUEN 1145 - Chamber Music (1)

Instrumental or vocal music performed by a small ensemble with one player per part. Ensembles will make use of standard configurations as well as flexible scoring. Prerequisite: Audition and interview with instructor

Distribution: Visual and Performing Arts.

MUEN 1192 - One Voice (1)

A select ensemble performing specialized choral literature. May be repeated for credit.
Prerequisite: Audition and interview with instructor.

Distribution: Visual and Performing Arts.

MUEN 1193 - Wind Ensemble (1)

Large instrumental ensemble for wind players. Public performances each semester. May be repeated for credit. Prerequisite: Audition and interview with instructor.

Distribution: Visual and Performing Arts.

MUEN 1194 - Concert Choir (1)

The study and performance of mixed-voice choral literature from various historical periods. Audition and interview with instructor required. May be repeated for credit.

Distribution: Visual and Performing Arts.

MUEN 1197 - Opera Musical Theatre (1)

Stage training and development with opportunities for solo or chorus roles in Fall and/or Spring operetta, opera, galas, or other musical productions. May be repeated for credit. Vocal Performance majors must register for this ensemble for eight semesters. Prerequisite: Audition.

Distribution: Visual and Performing Arts.

MUEN 1199 - Studio Accompanying (1)

Assignments in applied studio situations. Supervision by piano faculty. May be repeated for credit. Prerequisite: Audition.

Distribution: Visual and Performing Arts.

MUEN 3089 - CRU Spirit Band (0)

Instrumental Ensemble performing at athletic events and campus events. Prerequisite: Interview with instructor.

Distribution: Visual and Performing Arts.

MUEN 3145 - Chamber Music (1)

Instrumental or vocal music performed by a small ensemble with one player per part. Ensembles will make use of standard configurations as well as flexible scoring. Prerequisite: Audition and interview with instructor

Distribution: Visual and Performing Arts.

MUEN 3192 - One Voice (1)

A select ensemble performing specialized choral literature. May be repeated for credit.
Prerequisite: Audition and interview with instructor.

Distribution: Visual and Performing Arts.

MUEN 3193 - Wind Ensemble (1)

Large instrumental ensemble for wind players. Public performances each semester. May be repeated for credit. Prerequisite: Audition and interview with instructor.

Distribution: Visual and Performing Arts.

MUEN 3194 - Concert Choir (1)

The study and performance of mixed-voice choral literature from various historical periods. Audition and interview with instructor required. May be repeated for credit.

Distribution: Visual and Performing Arts.

MUEN 3197 - Opera/Musical Theatre (1)

Ensemble focusing on music preparation, character analysis, stage training, and performance skills. Culminates in performance of musical, opera, operetta, or scenes each semester. May be repeated for credit. Prerequisite: Audition and interview with instructor.

Distribution: Visual and Performing Arts.

MUEN 3199 - Studio Accompanying (1)

Assignments in applied studio situations. Supervision by piano faculty. May be repeated for credit. Prerequisite: Audition.

Distribution: Visual and Performing Arts.

NSCI - Neuroscience

NSCI 3310* - Neuroscience Foundations (3)

This course introduces students to the field of neuroscience, explores the cellular and molecular basis of neural systems, and discusses the neural basis of cognition. Students are expected to leverage their understanding of biology and chemistry to build a working knowledge of neuroscience fundamentals. This online class has optional live sessions. Prerequisites: BIOL 1350/1150, BIOL 1360/1160, CHEM 1410, and CHEM 1420 or CHEM 3410

Distribution: Neuroscience.

NSCI 3320* - Biological Basis of Perception and Movement (3)

Perception and Movement are fundamentally driven by biological processes. This course provides students with an understanding of the various systems and organs that play a role in the human ability to perceive the world and move through it. It builds upon Neuroscience Fundamentals to allow students to understand the impact of core neuroscience concepts. This online class has optional live sessions. Prerequisites: NSCI 3310

Distribution: Neuroscience.

NSCI 3330* - Cognitive Neuroscience (3)

Cognitive Neuroscience is the study of the biological process which underlie behavior, learning, thought and experience. This course builds on students' understanding of neuroscience and psychology to explore information processing, behavior, language, and more. Special attention is paid to the neurological factors which drive behavior and give rise to a range of disorders. This online class has optional live sessions. Prerequisites: NSCI 3320, and PSYC 1301.

Distribution: Neuroscience.

NSCI 4180 - Neuroscience Seminar (1)

This seminar course, for participants in the neuroscience major, examines current topics in the neurosciences and religion. Specific topics may vary by semester. Seminars include paper critiques, research proposals, and student presentations.
Corequisite: NSCI 3310, NSCI 3320, NSCI 3330, or NSCI 4320. May be repeated for credit.

Distribution: Neuroscience.

NSCI 4195 - Neuroscience Capstone Seminar (1)

This seminar course is for participants in the neuroscience major. It consists of an original research proposal, written in a format of the National Science Foundation Graduate Research Fellowship Program grant. The capstone is completed in the fall of the student's senior year and is evaluated by faculty members. Prerequisites: NSCI 3310, NSCI 3320, NSCI 3330, NSCI 4180, and senior classification.

Distribution: Neuroscience.

NSCI 4320* - Clinical Neuropathology (3)

This course captures foundational concepts in modern psychiatric care and neuroscience and makes them clear and accessible. It provides students with a broad knowledge base covering many of the latest developments

in the field of neuroscience, including our most modern understanding of developmental disorders, various pathologies of neurological systems, the role of microbiology in neurological care and more. Upon completion, students will be well prepared to pursue graduate study or work in the sciences, armed with a strong understanding of the current state of both Neuroscience and Mental Health and the connections between both. This online class has optional live sessions.
Prerequisites: NSCI 3320, and PSYC 1301

Distribution: Neuroscience.

NURS - Nursing

NURS 2150 - Nursing Success (1)

This course provides nursing students with practical tools and techniques to enhance time-management, study habits, test-taking skills, and overall well-being. Students will be introduced to medical terminology, the language of healthcare. Students will be equipped with the essential skills, strategies, and resources needed to excel academically and personally.

(Pre-req: Admission to the Nursing Program)

Distribution: Nursing.

NURS 2200 - Intro Professional Nursing Roles (2)

This course provides students with a comprehensive understanding of the nursing profession's historical, theoretical, ethical, and legal dimensions and introduces the concepts of nursing care of diverse populations and individuals. The role of the nurse as caregiver, advocate, educator, and leader within diverse healthcare settings will be explored. Students will have the opportunity to reflect upon professional nursing as a calling and a ministry. Students will gain insight into interprofessional collaboration, the decision-making process, and responsibilities inherent in professional nursing practice.

Prerequisite: Admission to the Nursing Program

Distribution: Nursing.

NURS 2260 - Foundational Nursing Skills (2)

This course serves as an introduction to foundational nursing skills, therapeutic communication techniques, and patient-centered care principles. Through experiences in the skills lab, simulation, and clinical environment, students will develop the necessary competencies to deliver safe, effective, and compassionate care to individuals across the lifespan.

Prerequisite: Admission to the Nursing Program

Distribution: Nursing.

NURS 2350 - Health Assessment Across the Lifespan (3)

This course prepares students with the knowledge and skills needed to conduct a comprehensive health assessment. Through experiences in the classroom, skills lab, simulation, and clinical environment, students will learn techniques to conduct holistic and focused assessments. Students will also develop skills for gathering a patient history and documenting findings. (Pre-req: Admission to the Nursing Program)

Distribution: Nursing.

NURS 2460 - Essentials in Nursing (4)

This course provides a foundation for the student in basic nursing interventions integral to providing effective nursing care. Emphasis is placed on application of theory to practice in both simulated laboratory and clinical settings. The clinical component of this course focuses on the wellness aspect of the health continuum and the patient focus includes individual, families, and populations. Prerequisites include courses required for admission to the School of Nursing. Co-requisites: NURS 2350 and NURS 2460.

Distribution: Nursing.

NURS 3101 - Healthcare Informatics and Technology (1)

This course introduces informatics and technology used in healthcare settings. Key topics include electronic health records, health information exchange, data analytics, telemedicine, and cybersecurity in healthcare. Adherence to regulatory, legal, and ethical practices will be emphasized.

(Pre-req: NURS2350; NURS2260; NURS2150; NURS2200)

Distribution: Nursing.

NURS 3200 - Introduction to Professional Nursing (2)

This concept-based course is an overview of the role of the nurse as a health professional. The focus is on nurse collaboration within interdisciplinary healthcare settings. The patient focus includes individuals, families, and population. Prerequisites: NURS .2150, 2350, and 2460. Concurrent enrollment in NURS 3210, 3320, and 3620.

Distribution: Nursing.

NURS 3205 - Pharmacology I (2)

This course introduces evidence-based pharmacotherapeutic interventions to inform patient care. Select drug classifications, individualized patient needs, and assessment of pharmacotherapy, including adverse drug effects, will be discussed in alignment with co-requisite courses. Emphasis is on principles of safe

medication administration, patient education, and ethical, legal, and cultural considerations.

(Pre-req: NURS2350; NURS2260; NURS2150; NURS2200)

Distribution: Nursing.

NURS 3210 - Population Health Perspectives (2)

This concept-based course provides an introduction to population focused care. The emphasis is on prevention of disease, injury and premature death. Nursing care for individuals, families, populations across the lifespan and in diverse settings is explored. Prerequisites: NURS 2150, 2350, and 2460. Concurrent enrollment in NURS 3200, 3320, and 3620.

Distribution: Nursing.

NURS 3220 - Pathophysiology I (2)

This course builds upon the foundation of prerequisite science courses, focusing on etiology, pathogenesis, contributing factors, and clinical presentation of select altered physiological functions. Select pathophysiological conditions explored will align with co-requisite courses. Prerequisite: NURS2350; NURS2260; NURS2150; NURS2200

Distribution: Nursing.

NURS 3221 - Pathophysiology II (2)

This course is a continuation of Pathophysiology I, focusing on etiology, pathogenesis, contributing factors, and clinical presentation of select altered physiological functions. Select pathophysiological conditions explored will align with co-requisite courses.
(Pre-req: NURS3220; NURS3205; NURS3225; NURS3101; NURS3520; NURS3301)

Distribution: Nursing.

NURS 3225 - Evidence Based Practice (2)

This course focuses on the use of evidence-based practice (EBP) in nursing, emphasizing the integration of clinical expertise, patient values, and the best available evidence to improve patient outcomes. Students will learn to critically appraise research and apply findings to professional nursing roles.

(Pre-req: NURS2350; NURS2260; NURS2150; NURS2200; Pre-Req or Co-Req MATH2303)

Distribution: Nursing.

NURS 3240 - Pharmacology II (2)

This course continues to explore evidence-based pharmacotherapeutic interventions to inform patient care. Select drug classifications, individualized patient needs, and assessment of pharmacotherapy, including adverse drug effects, will be discussed in alignment with co-requisite courses. Emphasis is on principles of safe medication administration, patient education, and ethical, legal, and cultural
(Pre-req: NURS3220; NURS3205; NURS3225; NURS3101; NURS3520; NURS3301)

Distribution: Nursing.

NURS 3301 - Nursing Care for Population Health (3)

This clinical nursing course focuses on the application of theoretical knowledge to caring for diverse populations in various practice settings. Through experiences in the classroom, simulation, and clinical environment, students will develop essential skills in community assessment, health education and health promotion, and community resource management. Influencing factors, such as social determinates of health and policy, will be explored. Emphasis is placed on evidence-based practice, safety, and interprofessional collaboration. Students will incorporate professional nursing standards and values in their clinical experiences and apply faith-informed discernment to decision-making.

(Pre-req: NURS2350; NURS2260; NURS2150; NURS2200)

Distribution: Nursing .

NURS 3315 - Nursing Perspectives in Pharmacotherapy (3)

This concept-based course highlights the major drug classifications and the nursing role in the management of medication administration. Information regarding core drug knowledge, patient variables and assessment in drug therapy will be discussed. The course content provides the foundation of basic pharmacology necessary for nursing practice. Prerequisites: NURS 2150, 2350, 2460, 3210, 3200, 3320, and 3620. Concurrent enrollment in NURS 3321, 3325, and 3621.

Distribution: Nursing.

NURS 3320 - Pathophysiology I (3)

Concepts from prerequisite science courses will be built upon in discussions of disease processes. This is the first of two courses that correspond to nursing care provided in the delivery of care to patients across the lifespan. Factors that contribute to altered physiological functioning of selected body systems and interrelationships among selected pathophysiological processes are explored. Prerequisites: NURS 2150, 2350, and 2460. Concurrent enrollment in NURS 3210, 3200, and 3620.

Distribution: Nursing.

NURS 3321 - Pathophysiology II (3)

Concepts from prerequisite science courses will be built upon in discussions of disease processes. This is the second of two courses that correspond to concepts of

nursing care to patients across the lifespan. Factors that contribute to altered physiological functioning of selected body systems and interrelationships among selected pathophysiological processes are more complex and expanded. Prerequisites: NURS 2150, 2350, 2460, 3210, 3200, 3320, and 3620. Concurrent enrollment in NURS 3315, 3325, and 3621.

Distribution: Nursing.

NURS 3325 - Evidence-Based Practice in Nursing (3)

The purpose of this concept-based course are to investigate the research process and to critique nursing research studies. The focus is on identification of best practices and the impact of findings on nursing practice. Prerequisite: Quantitative Reasoning (Statistics) NURS 2150, 2350, 2460, 3210, 3200, 3320, and 3620. Concurrent enrollment in NURS 3315, 3321, and 3621.

Distribution: Nursing.

NURS 3401 - Nursing Care for Reproductive, Maternal, and Neonatal Health (4)

This clinical nursing course focuses on the application of theoretical knowledge to caring for female and male reproductive health, women's perinatal health, and neonatal health in various healthcare practice settings. Through experiences in the classroom, simulation, and clinical environment, students will develop essential skills in patient assessment, care planning and coordination, and clinical decision- making. Emphasis is placed on evidence-based practice, patient safety, and interprofessional collaboration. Students will incorporate professional nursing standards and values in their clinical experiences and apply faith-informed discernment to decision-making.

(Pre-req: NURS3220; NURS3205; NURS3225; NURS3101; NURS3520; NURS3301)

Distribution: Nursing.

NURS 3520 - Nursing Care for Adult & Geriatric Health I (5)

This clinical nursing course focuses on the application of theoretical knowledge to caring for adult and geriatric populations in various healthcare practice settings. Through experiences in the classroom, simulation, and clinical environment, students will develop essential skills in patient assessment, care planning and coordination, and clinical decision-making. Emphasis is placed on evidence-based practice, patient safety, and interprofessional collaboration. Students will incorporate professional nursing standards and values in their clinical experiences and apply faith-informed discernment to decision-making. Prerequisite: NURS2350; NURS2260; NURS2150; NURS2200

Distribution: Nursing.

NURS 3521 - Nursing Care for Adult & Geriatric Health II (5)

This clinical nursing course continues the focus on the application of theoretical knowledge to caring for adult and geriatric populations in various healthcare practice settings. Through experiences in the classroom, simulation, and clinical environment, students will develop essential skills in patient assessment, care planning and coordination, and clinical decision-making. Emphasis is placed on evidence-based practice, patient safety, and interprofessional collaboration. Students will incorporate professional nursing standards and values in their clinical experiences and apply faith-informed discernment to decision-making.

(Pre-req: NURS3220; NURS3205; NURS3225; NURS3101; NURS3520; NURS3301)

Distribution: Nursing.

NURS 3620 - Health Care Delivery (6)

This concept-based clinical course concentrates on the application of the nursing process in the continuum of care of wellness to acute illness. Students will provide nursing care, patient education, and health promotion to patients across the lifespan in a variety of settings. The patient focus include individuals, families and populations. Prerequisites: NURS 2150, 2350, and 2460. Concurrent enrollment in NURS 3210, 3200, and 3320.

Distribution: Nursing.

NURS 3621 - Health Care Delivery II (6)

This concept-based clinical course concentrates on the application of the nursing process for patients with complex concept based health interruptions. Emphasis is on the impact of major diseases across the lifespan in select healthcare settings. Comprehensive nursing care for patients with a wide range of disorders will be addressed as well as the need for patient teaching and continuity of care as the patient returns to the community. Prerequisites: NURS 2150, 2350, 2460, 3210, 3200, 3320, and 3620. Concurrent enrollment in NURS 3315, 3321, and 3325.

Distribution: Nursing.

NURS 4000 - NCLEX Readiness and Comprehensive Exam (0)

Students must demonstrate readiness for the National Council Licensure Examination – RN (NCLEX-RN) for successful completion of this course. Standardized comprehensive exit exams are taken in this course during the students' last semester. The ATI Comprehensive Predictor, HESI I, HESI II, HESI III, and HESI IV exit exams test the breadth and depth of a student's knowledge base within the scope of practice of the BSN graduate nurse. The course is graded on a "Credit/No Credit" option. A grade of "Credit" is required to graduate from

the BSN program within the School of Nursing. The course will be offered each semester including May minimester and summer I and summer II.

Distribution: Nursing.

NURS 4201 - Senior Seminar (2)

Senior Seminar Medical-Surgical (Section 01)
This project-based learning course allows students to delve into topics in the medical-surgical nursing sub-specialty and the application of evidence-based practice.

Senior Seminar Maternal-Child (Section 02)
This project-based learning course allows students to delve into topics in the maternal-child nursing sub- specialty and the application of evidence-based practice.

Senior Seminar Critical Care (Section 03)
This project-based learning course allows students to delve into topics in the critical-care nursing sub- specialty and the application of evidence-based practice.

Senior Seminar Mental Health (Section 04)
This project-based learning course allows students to delve into topics in the mental health nursing sub- specialty and the application of evidence-based practice.

Senior Seminar Population/Public Health (Section 05)
This project-based learning course allows students to delve into topics in the population/public health nursing sub-specialty and the application of evidence-based practice. (pre-req: NURS4230; NURS4420; NURS4301; NURS4401)

Distribution: Nursing.

NURS 4202 - NCLEX Prep (2)

In this course, students will prepare for the National Council Licensure Examination (NCLEX-RN®). Students will utilize various tools and resources to assist in preparation for the exam.

(pre-req: NURS4230; NURS4420; NURS4301; NURS4401)

Distribution: Nursing.

NURS 4230 - Contemporary Issues (2)

This seminar course examines current trends and issues related to health, nursing, and healthcare, emphasizing the critical role nurses play in navigating and addressing these issues. This course will foster a deep understanding of the importance of lifelong learning and advocacy in professional nursing practice. Students will explore the influence of their faith on their perspectives regarding these issues.

(Pre-req: NURS3221; NURS3240; NURS3401; NURS3521)

Distribution: Nursing.

NURS 4240 - Advanced Pathophysiological and Pharmacotherapeutic Concepts in Nursing (2)

This course builds upon the biophysical concepts exemplified through previous pathophysiology and pharmacotherapy courses. Students examine increasingly complex pathophysiological processes occurring across the lifespan and explore the interrelatedness of the pathophysiologic process to the body's function as a whole. Critical pharmacotherapies utilized to affect positive change in the identified pathophysiological processes are investigated from a nursing perspective. Prerequisites: NURS 2150, 2350, 2460, 3200, 3210, 3620, ,3320, 3325, 3621, and 3321. Co-requisites: Concurrent enrollment in NURS 4310, 4410, and 4620.

Distribution: Nursing.

NURS 4301 - Mental Health Nursing (3)

This clinical nursing course focuses on the biological-psychological-social-spiritual needs and adaptive stressors of individuals with mental health conditions. Through experiences in the classroom, simulation, and clinical environment, students will expand essential skills in patient assessment, care planning and coordination, and clinical decision-making. Emphasis is placed on evidence-based practice, patient safety, and interprofessional collaboration. Students will incorporate professional nursing standards and values in their clinical experiences and apply faith-informed discernment to decision-making.

(Pre-req: NURS3221; NURS3240; NURS3401; NURS3521)

Distribution: Nursing.

NURS 4302 - Professional Nursing Roles (3)

This course examines the multifaceted roles of professional nurses in contemporary healthcare settings. Students will use evidence-based practice and clinical judgement to inform decision-making in diverse healthcare environments. Building upon foundational nursing knowledge, students will apply faith- informed discernment to professional nursing responsibilities such as nursing leadership, governance, and legal and ethical practice in a variety of health systems. Through examining the multifaceted roles, students will have the opportunity to reflect upon professional nursing as a calling and a ministry.

(pre- req: NURS4230; NURS4420; NURS4301; NURS4401)

Distribution: Nursing.

NURS 4310 - Global Perspectives in Health Care (3)

This course will explore healthcare systems as well as current and emerging health issues on local, state, national,

and international levels. Influencing factors such as economics, policy, and nursing roles will be addressed. Pr-requisites: NURS 2150, 2350, 2460, 3200, 3210, 3620, 3320, 3325, 3621, and 3321.Co-requisites: NURS 4240,4620, 4410.

Distribution: Nursing.

NURS 4330 - Transition into Practice (3)

This course will assist students in the integration of theory and practice as they approach the completion of the nursing major and transition into the role of professional nurse. Emphasis is placed on the synthesis of previous coursework and knowledge as students prepare for the role of an entry-level professional nurse. Pre-requisites: NURS 2150, 2350, 2460, 3200, 3210, 3620,,3315, 3320, 3325, 3621, 3321, 4620, 4310, 4410, and 4240. Co-requisites: NURS 4230, 4700, and 4000.

Distribution: Nursing.

NURS 4401 - Nursing Care for Child-Adolescent Health (4)

This clinical nursing course focuses on the application of theoretical knowledge to caring for infant, children, and adolescent populations in various healthcare practice settings. Through experiences in the classroom, simulation, and clinical environment, students will expand essential skills in patient assessment, care planning and coordination, and clinical decision-making. Emphasis is placed on evidence-based practice, patient safety, and interprofessional collaboration. Students will incorporate professional nursing standards and values in their clinical experiences and apply faith-informed discernment to decision-making.

(Pre-req: NURS3221; NURS3240; NURS3401; NURS3521)

Distribution: Nursing.

NURS 4410 - Nursing Governance in Healthcare (4)

This course examines theories and strategies from various disciplines for the management of patient care delivery. The context ranges from community based practice to large integrated healthcare delivery systems. Resource allocation for patient populations and systems will be evaluated within an interprofessional context from both financial and leadership perspectives. Pre-requisites: NURS 2150, 2350, 2460, 3200, 3210, 3620, 3320, 3325, 3621, and 3321. Co-requisites: NURS 4240, 4310 and 4620.

Distribution: Nursing.

NURS 4420 - Critical Care Nursing (4)

This clinical nursing course focuses on the application of theoretical knowledge to caring for the critical care patient in high acuity healthcare practice settings. Through experiences in the classroom, simulation, and clinical environment, students will expand essential skills in patient assessment, care planning and coordination, and clinical decision-making. Emphasis is placed on evidence-based practice, patient safety, and interprofessional collaboration. Students will incorporate professional nursing standards and values in their clinical experiences and apply faith-informed discernment to decision- making.

(Pre-req: NURS3221; NURS3240; NURS3401; NURS3521)

Distribution: Nursing.

NURS 4620 - Health Care Delivery III (6)

Explores nursing health promotion strategies to facilitate individual, group, and community health and wellness across the lifespan. The development of disease states and methods to prevent or decrease risk factors will be discussed. The course will focus on developing skills in problem-solving, clinical judgment, critical thinking so that students may function as a beginning member of the healthcare team in the provision of interdisciplinary care for a variety of patient situations. Emphasis is on the role of the professional nurse in planning and implementing effective teaching and interventional behaviors. Pr-requisites: NURS 2150, 2350, 2460, 3200, 3210, 3620, 3320, 3325, 3621, and 3321. Co-requisites: NURS 4240, 4310 and 4410.

Distribution: Nursing.

NURS 4700 - Capstone (7)

This course is a culminating experience in which students are expected to synthesize concepts and processes studied throughout the nursing curriculum. Through integration of nursing theory, knowledge, skills, and attitudes, and experiential learning in the simulation and clinical environment, students will demonstrate clinical judgement, effective communication, clinical competence, and professionalism appropriate for entry level BSN practice.

(pre-req: NURS4230; NURS4420; NURS4301; NURS4401)

Distribution: Nursing.

PHIL - Philosophy

PHIL 2315 - Introduction to Philosophy (3)

This course is a survey of the various schools of philosophy and their outstanding representatives. Major emphasis is placed upon basic philosophical problems, proposed solutions, and techniques of thinking.

Distribution: Christian Studies.

PHIL 2320 - World Religions (3)

This course surveys the non-Christian religions that are most widely practiced in the world today: primal religions,

Hinduism, Buddhism, Judaism, and Islam. It will include readings on some of the minor religions, as well. Prerequisites: CSBS 1311 and CSBS 1312.

Distribution: Christian Studies.

PHIL 3311 - Advanced Philosophical Studies (3)

This course is an intensive study of a particular philosopher, period of philosophy, area of philosophy, or philosophical system. Can be taken for multiple credit with change in subject matter. Prerequisite: PHIL 2315.

Distribution: Christian Studies.

PHIL 3316 - Critical Reasoning (3)

This course is an introduction to understanding, recognizing, and analyzing deductive and inductive arguments, informal logical fallacies, and conceptual and empirical theories.

Distribution: Christian Studies.

PHIL 3325 - Philosophical Ethics (3)

This course is a study of central issues in moral philosophy focusing on paradigms of ethical justification throughout the history of philosophy. These paradigms are explored through primary readings and works of fiction. Topics include the nature of morality, conceptions of justice, views of human nature and their bearing on questions of value, and competing tests of right and wrong. Prerequisite: PHIL 2315 or permission of the instructor.

Distribution: Christian Studies.

PHIL 3335 - History of Philosophy (3)

A historical survey of western philosophical thought from the ancient classical period to the present day.

Distribution: Christian Studies.

PHIL 4315 - World Religions (3)

This course surveys the non-Christian religions that are most widely practiced in the world today: primal religions, Hinduism, Buddhism, Judaism, and Islam. It will include readings on some of the minor religions, as well. Prerequisites: CSBS 1311 and CSBS 1312

Distribution: Christian Studies.

PHIL 4325 - Philosophy of Religion (3)

This course is an introduction to the traditional problems in the area of philosophy of religion including the nature of religion, the existence of God, faith and reason, the nature of religious language, evil and suffering, and the relation of philosophy to theology. Prerequisite: PHIL 2315.

Distribution: Christian Studies.

PHYS - Physics

PHYS 2051 - Physics Laboratory I (0)

The course will serve as the laboratory component for both PHYS 2411 and PHYS 2421. Laboratory fee.

Distribution: Sciences.

PHYS 2052 - Physics Laboratory II (0)

The course will serve as the laboratory component for both PHYS 2412 and PHYS 2422. Laboratory fee.

Distribution: Sciences.

PHYS 2151 - Physics Laboratory I (1)

This course is designed to develop student laboratory techniques for general and engineering physics studies. Specifically designed for transfer students who have been given credit for a General Physics I or Physics with Calculus I lecture course equivalent. Prerequisite: Credit for a General Physic I or Physics with Calculus I lecture course equivalent and approval of instructor. This course will serve as the laboratory component for either PHYS 2411 or PHYS 2421. Laboratory fee.

Distribution: Sciences.

PHYS 2152 - Physics Laboratory II (1)

This course is designed to develop student laboratory techniques for general physics studies. Specifically designed for transfer students who have been given credit for a General Physics II or Physics with Calculus II lecture course equivalent. Prerequisite: Credit for a General Physic II or Physics with Calculus II lecture course equivalent and approval of instructor. This course will serve as the laboratory component for either PHYS 2412 or PHYS 2422. Laboratory fee.

Distribution: Sciences.

PHYS 2411 - General Physics I (4)

Principles of mechanics and heat. Corequisite: Math 1320. Lab fee.

Distribution: Sciences.

PHYS 2412 - General Physics II (4)

Principles of sounds, light, electricity, magnetism, and modern Physics. Prerequisite: PHYS 2411 with a grade of "C" or higher. Lab fee.

Distribution: Sciences.

PHYS 2421 - Physics I with Calculus (4)

Principles of mechanics and heat developed with a calculus perspective. Corequisite: MATH 1430. Lab fee.

Distribution: Sciences.

PHYS 2422 - Physics II with Calculus (4)

Principles of electricity and magnetism, sound, light, and modern physics. Developed with a calculus perspective. Prerequisite: PHYS 2421 with a grade of "C" or higher. Lab fee.

Distribution: Sciences.

POLS - Political Science

POLS 2305 - United States Government (3)

A study of the United States government, including its constitutional development, American political institutions, and political processes. Meets the requirements for Texas teacher certification.

Distribution: Social Science.

POLS 2306 - Texas State and Local Government (3)

A study of Texas government, including its constitutional development, major institutions, political processes, and local governments. Meets the requirement for Texas teacher certification.

Distribution: Social Science.

POLS 2315 - Comparative Political Systems (3)

An introduction for Political Science majors, minors and those considering the field, to the study of politics globally, with emphasis on state case studies highlighting types of political systems and governmental institutions.

Distribution: Social Science.

POLS 2320 - Topics and Methods of Political Science (3)

An introduction for Political Science majors minors and those considering the field, to the means, specialized vocabulary and concepts used in the discipline of Political Science, through an examination of current issues and topics.

Distribution: Humanities.

POLS 3317 - International Organizations (3)

A study of the history, development, mission and operations of selected international, regional and non-governmental organizations with special emphasis given to the United Nations and its interactions with states and non-state actors. Prerequisites: POLS 2305, 2306, 2315 and 2320 or instructor's consent.

Distribution: Social Science.

POLS 3325 - The American Executive (3)

A study of the development of the power, the influence, and the limitations of the chief executive, including the President of the United States, state governors, and other executives in the American System. Prerequisites: POLS 2305, 2306 and POLS 2320 or instructor's consent.

Distribution: Social Science.

POLS 3326 - The Legislative Process (3)

A study of legislative behavior in the US political system, including theories of representation, selection of legislators, organization and procedures of Congress, and the interaction of the legislative with the executive and judicial branches. Prerequisites: POLS 2305, 2306 and 2320 or instructor's consent.

Distribution: Social Science.

POLS 3329 - Political Parties (3)

A study of the development, nature, and problems of political parties, including their organizations, operations, and functions. Prerequisites: POLS 2305, POLS 2306 and POLS 2320 or instructor's consent.

Distribution: Social Sciences.

POLS 3362 - Politics & History of Latin America (3)

A study of select Central and South American states, including the European conquest and colonial institutions, struggles for independence, establishment of national states and current political, economic and social structures. (Same as HIST 3362) Prerequisites: POLS 2305, 2306, 2315 and 2320 or instructor's consent.

Distribution: Social Sciences.

POLS 4090 - Political Science Capstone (0)

Political Science majors must complete the Political Science Capstone examination prior to graduation. Prerequisite: Senior Standing.

Distribution: Social Science.

POLS 4195 - Internship (1)

This course allows POLS majors and minors to earn credit for serving in a position related to their field of study. A POLS faculty member, who also agrees to supervise the academic component of the internship, must grant the student permission to register for this class. Approval requires the student to present details about the internship work and planned academic components. Internships may be paid or unpaid. Credit hours awarded depend on hours employed, with at least forty-five hours of internship work required for each credit hour awarded. Class assessment is on a Pass/Fail basis. While the class may be repeated once, only 3 hours may count toward the Political Science major or minor. Prerequisites: At least junior standing, at least a 3.0 GPA and instructor's consent.

Distribution: Social Sciences.

POLS 4295 - Internship (2)

This course allows POLS majors and minors to earn credit for serving in a position related to their field of study. A POLS faculty member, who also agrees to supervise the academic component of the internship, must grant the student permission to register for this class. Approval requires the student to present details about the internship work and planned academic components. Internships may be paid or unpaid. Credit hours awarded depend on hours employed, with at least forty-five hours of internship work required for each credit hour awarded. Class assessment is on a Pass/Fail basis. While the class may be repeated once, only 3 hours may count toward the Political Science major or minor. Prerequisites: At least junior standing, at least a 3.0 GPA and instructor's consent.

Distribution: Social Sciences.

POLS 4311 - Constitutional Government and Law in the US I (3)

A study of the Constitution of the United States, including the work of the U.S. Supreme Court and the effects of its various decisions. Court cases are examined, briefed, and discussed. Emphasis is placed on court decisions concerning federalism, separation of powers, and economics. (Same as HIST 4311) Prerequisites: POLS 2305, 2306 and POLS 2320 or instructor's consent.

Distribution: Social Sciences.

POLS 4312 - Constitutional Government and Law in the US II (3)

A study of the Constitution of the United States, including the work of the U.S. Supreme Court and the effects of its various decisions. Court cases are examined, briefed, and discussed. Emphasis placed on U.S. Supreme Court decisions concerning civil rights and civil liberties. (Same as HIST 4312) Prerequisites: POLS 2305, 2306 and 2320 or instructor's consent.

Distribution: Social Sciences.

POLS 4313 - Political Theory I (3)

A study of history and political theory with emphasis on Plato, Aristotle, Cicero, Augustine, Aquinas, and Machiavelli. (Same as HIST 4314) Prerequisite: POLS 2305, 2306, and 2320 or instructor's consent.

Distribution: Social Sciences.

POLS 4314 - Political Theory II (3)

A study of modern and early modern western political theory with emphasis on Hobbes, Locke, Rousseau, the English Utilitarians, Marx, and Nietzsche. (Same as HIST 4314) Prerequisites: POLS 2305, 2306 and 2320 or instructor's consent.

Distribution: Social Sciences.

POLS 4316 - International Relations (3)

A study of the interactions among sovereign states and the system within which they operate, with special emphasis on causes of war, security and peace, human rights and political economy. (Same as HIST 4391.02) Prerequisites: POLS 2305, 2306, 2315, 2320, and WRIT 3344 or instructor's consent.

Distribution: Social Sciences.

POLS 4318 - International Political Economics (3)

A study of the development of the international system of trade, production and finance from the Industrial Revolution through present era, with special attention on the political factors and effects of this progression. Includes consideration of globalization and of paramount state and non-state actors in the international political economic system. system. (Same as BECO 4370) Prerequisites: POLS 2305, 2306, 2315, 2320, and WRIT 3344.

Distribution: Social Science.

POLS 4330 - Religion & Politics U.S. (3)

A study of the interaction of religion, politics, and the state from colonial times to the present from historical, legal, and social scientific perspectives. (Same as HIST 4330) Prerequisites: POLS 2305, 2306, 2320 and WRIT 3344 or instructor's consent.

Distribution: Social Science.

POLS 4395 - Internship (3)

This course allows POLS majors and minors to earn credit for serving in a position related to their field of study. A POLS faculty member, who also agrees to supervise the academic component of the internship, must grant the student permission to register for this class. Approval requires the student to present details about the internship work and planned academic components. Internships may be paid or unpaid. Credit hours awarded depend on hours employed, with at least forty-five hours of internship work required for each credit hour awarded. Class assessment is on a Pass/Fail basis. While the class may be repeated once, only 3 hours may count toward the Political Science major or minor. Prerequisites: At least junior standing, at least a 3.0 GPA and instructor's consent.

Distribution: Social Science.

PSYC - Psychology

PSYC 1301 - General Psychology (3)

An introduction to Psychology through the scientific study of human and animal behavior. Students receive an

overview of the many and diverse fields of psychological study.

Distribution: Sciences.

PSYC 2101 - Professions in Psychology (1)

An introduction to careers in psychology. Course will cover career opportunities, undergraduate and graduate career tracks, licensure options, and differences in professional rank at the Masters and Doctoral levels. Required for psychology majors. Prerequisite: PSYC 1301.

Distribution: Sciences.

PSYC 2201 - Psychological Writing (2)

The course provides students with American Psychological Association writing frameworks, citation, and referencing guidelines, and prepares the student to transition successfully into courses requiring APA style writing. Prerequisite PSYC 1301. Taught with PSYC 2101 or PSYC 2102.

Distribution: Sciences.

PSYC 2311 - Developmental Psychology (3)

Development of the human being from birth through old age, studied in terms of basic psychological principles. Major theories of child development will be considered. Prerequisite: PSYC 1301.

Distribution: Sciences.

PSYC 2314 - Research Methods for Social Science (3)

This course is an introduction to the scientific methods of inquiry as it relates to psychology. Students will gain an overview of the concepts and methods involved in psychological research, with a focus on development of research questions, selection of appropriate methods, and interpretation of results. Statistical backgrounds not needed. Prerequisite: PSYC 1301. Required for psychology majors. Must be taken prior to PSYC 2316.

Distribution: Sciences.

PSYC 2316 - Statistics for the Social Sciences (3)

Emphasizes conducting and applying statistical analyses with real-world social science data. Students will utilize a statistical software package commonly used by social scientists to conduct and interpret descriptive and inferential statistics. Students completing the course will acquire the skills necessary to both conduct and interpret statistical analyses in social science settings. Pre-requisite: Math 1304 or higher, PSYC 1301, and PSYC 2314. Course Fee.

Distribution: Sciences.

PSYC 2331 - Intro to Neuroscience (3)

An introduction to brain anatomy and physiology as it relates to human behavior. Students will develop an understanding of how our nervous system functions and interacts with our environment to create our complex human behaviors. Prerequisite: PSYC 1301.

Distribution: Sciences.

PSYC 2399 - Child and Adolescent Development (3)

This course focuses on the development of human beings from birth to adolescence, with respect to the interrelated nature of the physical, emotional, cognitive, and social growth of individuals. Major theories of child development are explored including those of Piaget and Vygotsky. The course does not satisfy any requirements for students majoring in Psychology.

Distribution: Sciences.

PSYC 3133 - Sensation and Perception Laboratory (1)

An introduction to the complementary but different roles of sensory systems and perceptual processes as related to how humans sense, perceive, think about, and react to the world. Prerequisite(s): PSYC 1301, Sophomore standing or instructor approval, concurrent enrollment in or completion of PSYC 3333.

Distribution: Sciences.

PSYC 3312 - Experimental Psychology (3)

A survey emphasizing the principles and methodology of research in human and animal behavior. Directed experience in the design and analysis of actual experiments and other research techniques. Prerequisites: PSYC 2201, PSYC 2314 and PSYC 2316 or MATH 2303, Sophomore standing or instructor approval. Lab fee.

Distribution: Sciences.

PSYC 3315 - Abnormal Psychology (3)

An introduction to the symptomatology and etiology of behavioral, emotional, and mental disorders, with consideration of modern therapeutic approaches. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3316 - Child & Adolescent Psychology (3)

Psychological factors and issues related specifically to children and adolescents. This course covers developmental issues confronting children and adolescents as well as examines problems and concerns unique to persons in this age group. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3317 - Child and Adolescent Psychopathology (3)

Child and Adolescent Psychopathology studies psychological issues within the context of human development. Research shows that adult psychopathology often has its origins in developmental deviations in childhood adolescence. The developmental approach to understand psychopathology will be emphasized in this course. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3318 - Adult Developmental Psychology (3)

This course covers cognitive, behavioral, and emotional issues specifically related to development from 18 years to death. Topics include identity transitions, cohort effects, successful aging, genotyping advancements and implications, marriage, trauma, and grief/dying. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3319 - Social Psychology (3)

A background in historical and contemporary social psychological theories. An analysis of the factors involved in our involvement in social situations across the lifespan.

Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3320 - Health Psychology (3)

Examination of the links between mind and body, focusing on the ways in which biopsychosocial factors influence health and well-being, illness, and adaptation to disease. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3331 - Neurophysiological Psychology (3)

An in-depth exploration of neuroanatomy and brain functioning. This course is an examination of brain-behavior relationships and provides a thorough understanding of cognitive disorders. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3333 - Sensation and Perception (3)

An introduction to the complementary but different roles of sensory systems and perceptual processes as related to how humans sense, perceive, think about, and react to the world. The basics of biological processes, neural anatomy, physiology, and psychophysics will be covered. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 3350 - Cognition (3)

Taking the cognitive point of view, this course treats man as an active processor of information. Methods to improve memory, learning, and problem solving are shown from both the informational and practical perspectives. Pre-requisite: PSYC 1301; sophomore standing.

Distribution: Sciences.

PSYC 4090 - Senior Evaluation (0)

A one hour course designed to review major concepts in preparation for the Psychology Area Concentration Achievement Test (PACAT). Students will take PACAT at the end of the semester. A satisfactory score on the PACAT must be earned to receive credit for the course. Students failing to earn a satisfactory score will complete an alternate test in order to complete the course. Offered fall and spring. Psychology majors should take this course their final semester.

Distribution: Sciences.

PSYC 4310 - Psychological Tests and Measurements (3)

A study of the processes and instruments for evaluating the cognitive and emotional status of the human being. Investigation is made into methods for determining test validity and reliability. Prerequisites: PSYC 1301 and 2316.

Distribution: Sciences.

PSYC 4311 - Behavioral Theory (3)

A study of the major theoretical positions on learning. Includes analysis of associational, behavioral, and cognitive theories. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4312 - Personality Theory (3)

Intensive study of some of the major theories of personality examined in the light of recent research. Extensive use of case material. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4320 - Counseling Theory (3)

An intensive and analytical look at various major perspectives on counseling. Both modern and historical viewpoints of counseling are covered. Special emphasis given to counseling applications in today's society. Prerequisite: PSYC 1301.

Distribution: Sciences.

PSYC 4323 - History and Systems of Psychology (3)

A survey of the major theories and theoretical systems and their historical development. Includes an integration of Christian beliefs, the student's own philosophical presuppositions, and current psychological theories. Pre-requisite: PSYC 2201 and PSYC 3312 and Junior standing or instructor approval.

Distribution: Sciences.

PSYC 4330 - Multicultural Psychology (3)

The course is a study of human culture to understand its relationship to psychological processes. Understanding human culture within a larger perspective may help us better understand differences among human cultures. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4331 - Psychology and Film (3)

A survey course in which students watch several different Hollywood films involving a psychological concept or theme. For each film, students will examine a different psychological issue and will focus on how mainstream films can produce misconceptions about that area of psychology. Students will also discuss issues with classmates to better understand the relationship between psychology and mainstream culture. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4343 - Positive Psychology (3)

The scientific study of what can "go right" with people. This course is focused on strength, happiness, character, purpose, and interest in building an optimal human experience. This course focuses on the promotion of the human potential. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4345 - Psychology of Religion (3)

This course surveys the historical and current psychological study of religious faith, attitudes and behavior. Topics covered include prominent historical figures regarding the psychology of religion; research methodologies; religious development over the lifespan; religious conversion; new religious movements (cults); religious terrorism; relationship of religion to human attitudes and behavior; and, the link between religion, psychopathology and mental health. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4350 - Psychology of Leadership (3)

A study of the theories of leadership and of leadership behavior. Assessment of leadership styles and skills will provide the basis for individual programs of development. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4351 - Industrial & Organizational Psych (3)

The application of psychological theories, principles, methods, and research techniques to the science of I/O psychology in order to develop an understanding of the aims and goals of the field of problem solutions in industry and organizations. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4352 - Music Psychology (3)

This course examines music as a phenomenon of human behavior and psyche. Topics include auditory and musical perception, music cognition, creativity and aesthetic experience, listening styles and strategies, music and emotion, the social psychology of musical activities. In addition, the course will examine techniques and methodology for conducting research in music and will touch on aspects related to performance and music and the brain. Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4355 - Psychological Perspectives on Human Nature (3)

This course will closely examine topics related to human nature from the perspectives of contemporary psychological science. Students will be introduced to competing views of human nature and their implications for how psychological science understands the context of human learning, challenges in human relationships and group living, and the origins and consequences of human drives such as dominance, status, and aggression, to name a few. Coursework will emphasize reading, discussion, and interacting with the latest scientific and empirical literature related to contemporary psychological perspectives on human nature.
Prerequisite: PSYC 1301, junior standing, or instructor approval.

Distribution: Sciences.

PSYC 4390 - Independent Study (3)

This course is designed to meet individual needs and interests in Psychology. It may be repeated for credit when the material studied is changed.

Distribution: Sciences.

READ - Reading

READ 3307 - Literature for the Classroom (3)

This course includes an in-depth study of children's and adolescent literature, as well as techniques for using literature to build knowledge and skills in EC-8 classrooms. Extensive reading and examination of books and genres are required. Other areas addressed include integrating technology, applying critical thinking skills, and viewing and representing through media literacy.

Distribution: Education.

READ 3320 - Emergent Literacy (3)

This field-based course is designed to provide foundation knowledge and strategies for understanding and promoting literacy development in young children. Reading, writing, and oral language skills are taught as developmental processes according to the Science of Teaching Reading standards. Emphasis is upon beginning reading instruction and concentrates on developmentally appropriate teaching strategies and assessments designed to directly teach and assess phonological and phonemic awareness, the alphabetic principle, and decoding, as well as principles for creating a literacy-rich classroom environment. This course will also address the needs of students served in special education. Field experience is required.

Distribution: Education.

READ 3322 - Middle School Reading (3)

A course designed to familiarize students with the 4-8 Reading/Language Arts Teacher Standards, as well as the TEKS appropriate to specific content areas. Focus is upon direct, explicit teaching of strategies to improve reading comprehension of a wide range of materials, increase reading vocabulary, and develop written communication skills to support reading in all curriculum areas. Other areas addressed include the teaching of study and inquiry skills, the promotion of oral language and listening skills, and the integration of instructional technology for the advancement of student achievement. Students are also introduced to the physical, social, emotional, and intellectual characteristics of the middle school learner and ways to enhance parent communication at this level. A minimum fifteen-hour field experience in a middle school setting is required.

Distribution: Education.

READ 3624 - Reading & Language Arts (6)

This field-based course is designed to prepare the pre-service teacher to apply direct, explicit teaching of reading and language arts within a comprehensive language arts program. The course is organized around the five components of an effective reading program, including phonemic awareness, phonics, fluency, vocabulary, and comprehension. The pre-service teacher explores comprehension strategies as well as the use of literature as an instructional tool. Further focus is on the writing process with emphasis on writing conventions, oral language, grammar, usage, spelling and punctuation to support the literacy process. 45-60 hours of field-based experience are required. Prerequisite: READ 3320

Distribution: Education.

READ 4326 - Disciplinary Literacy (3)

This course is designed to equip the pre-service teacher with tools to teach across the disciplines in grades four through twelve, along with the early literacy skills associated with the Science of Teaching Reading examination. Pre-service teachers obtain knowledge and apply strategies that include structure of expository texts, development of vocabulary, word identification, morphology, reading fluency, and comprehension of text. Attention is given to writing as a learning tool in various content areas. A connection between language arts and other content areas is
emphasized. Prerequisite: successful completion of EDUC 3315.

Distribution: Education.

READ 4328 - Diagnostic and Corrective Reading (3)

This course focuses on the formal and informal diagnostic assessment of reading skill and the use of that data to plan, implement, and monitor instruction that is focused on individual children's needs. Instruction targets standards related to the understanding of phonological and phonemic awareness, the alphabetic principle, literacy development and practice, word analysis and decoding, reading fluency, ready comprehension, study skills, and assessment. Intervention strategies include the use of games, manipulatives, and individualized plans designed to address reading deficits identified through assessment. Students also learn and apply parent-communication and conferencing skills.

Distribution: Education.

ROTC - Army, Military Science

ROTC 1311 - Leadership and Personal Development (3)

The course introduces cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as time goal setting, management, physical fitness, and stress management relate to leadership, officership, and Army operations. Focus is placed on developing basic knowledge and comprehension or Army Leadership Dimensions while gaining a broad understanding of the ROTC program, its purpose in the Army, and its advantages for the student. Prerequisite: Approval of the instructor is required.

Distribution: Sciences.

ROTC 1312 - Introduction to Tactical Leadership (3)

This course presents an overview of leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback and using effective writing skills. Cadets explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Cadre role models and the building of stronger relationships among the cadets through common experience and practical interaction are critical aspects of this course. Prerequisite: Approval of the instructor is required.

Distribution: Sciences.

ROTC 2311 - Foundations of Leadership (3)

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by studying historical case studies and engaging in interactive student exercises. Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of rank, uniform, customs, and courtesies. Leadership case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the Contemporary Operating Environment (COE). Prerequisite: Approval of the instructor.

Distribution: Sciences.

ROTC 2312 - Foundations of Tactical Leadership (3)

This course examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). This course highlights dimensions of terrain analysis, patrolling, and operation orders. Continued study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. Prerequisite: Approval of the instructor.

Distribution: Sciences.

ROTC 3311 - Adaptive Team Leadership (3)

This is an academically challenging course where the cadet will study, practice, and apply the fundamentals of Army leadership, Officership, Army values and ethics, personal development, and small unit tactics at the team and squad level. At the conclusion of this course, the cadet will be capable of planning, coordinating, navigating, motivating and leading a team or squad in the execution of a tactical mission during a classroom PE, a Leadership Lab, or during a Situational Training Exercise (STX) in a field environment. Prerequisite: Approval of the instructor is required.

Distribution: Sciences.

ROTC 3312 - Applied Team Leadership (3)

This is an academically challenging course where the Cadet will study, practice, and apply the fundamentals of Army leadership, Officership, Army values and ethics, personal development, and small unit tactics at the team and squad level. At the conclusion of this course, the Cadet will be capable of planning, coordinating, navigating, motivating and leading a team or squad in the execution of a tactical mission during a classroom PE, a Leadership Lab, or during a Situational Training Exercise (STX) in a field environment. Successful completion of this course will help prepare the Cadet for success at the ROTC Leader Development and Assessment Course (LDAC). This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, and practical exercises, a mid-term exam, and a final exam. The Cadet will receive continued systematic and specific feedback on his or her leader attributes values and core leader competencies from the instructor and other ROTC cadre and MS IV Cadets. Prerequisite: Approval of the instructor is required.

Distribution: Sciences.

ROTC 3375 - US Military History (3)

An examination of the military heritage of the United States from the colonial period to the early twenty-first century. Emphasis is placed on using common themes that relate to the American experience in war to determine how periods of peace and war challenge the nation and influence the development of its military policy. Prerequisite: Approval of the instructor.

Distribution: Social Science.

ROTC 4311 - Adaptive Leadership (3)

This course is a practical application of adaptive leadership. Throughout the semester, students are assigned the duties and responsibilities of an Army staff officer and must apply the fundamentals of principles of training, the training management, the Army writing style and military decision making to weekly training meetings. During these weekly training meetings, the student will plan, execute and assess ROTC training and recruiting events. Students will study the special trust proposed to Army Officers by the US Constitution and the President of the United States--a special trust given to no other civilian professions. Students will study how Army values and leader ethics are applied in the Contemporary Operating Environment and how these values and ethics are relevant to everyday life. The student will study the Army officer's role in the Uniform Code of Military Justice, the counseling of

subordinates, administrative actions and the management of an Army Officer's career. Students will be given numerous opportunities to train, mentor and evaluate underclass students enrolled in the ROTC Basic Course while being mentored and evaluated by experienced ROTC cadre. This course is designed to include multiple opportunities for student-centered learning, to include, but not limited to student reading assignments, practical exercises and case studies; student-delivered briefings and operations orders; and a variety of student assessments such as quizzes, a mid-term and a final exam. In addition, students are rotated through a variety of leadership positions that support a variety of ROTC battalion training and recruiting events throughout the semester where the student will receive detailed and constructive feedback on their leader attributes and core leader competencies from experienced cadre. Prerequisite: Approval of the instructor.

Distribution: Sciences.

ROTC 4312 - Leadership in a Complex World (3)

This course explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). You will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. You also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing cadets for their first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare cadets to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army. Prerequisite: Approval of the instructor.

Distribution: Sciences.

SGNL - American Sign Language

SGNL 1410 - American Sign Language 1 (4)

Beginning ASL course consists of the fundamentals of grammar and expression. Communication skills are emphasized by studying the syntax of the language and the lexicon (vocabulary). Introduces fingerspelling and describes its role. Develops conversational ability and culturally appropriate behaviors. No prerequisite for 1410. Lab fee.

Distribution: Humanities.

SGNL 1420 - American Sign Language 2 (4)

Beginning ASL course consists of the fundamentals of grammar and expression. Communication skills are emphasized by studying the syntax of the language and the lexicon (vocabulary). Introduces fingerspelling and describes its role. Develops conversational ability and culturally appropriate behaviors. Prerequisite 1410. Lab fee.

Distribution: Humanities.

SGNL 2310 - American Sign Language 3 (3)

Integrates and refines expressive and receptive skills. Provides students with information on idiomatic usages for signs and grammatical structures for complex sentences. Emphasizes variations in use of signs. Prerequisite: SGNL 1420 or permission of department.

Distribution: Humanities.

SGNL 2320 - American Sign Language 4 (3)

Integrates and refines expressive and receptive skills. Provides students with information on idiomatic usages for signs and grammatical structures for complex sentences. Emphasizes variations in use of signs. Prerequisite: SGNL 2310 or permission of department.

Distribution: Humanities.

SGNL 3310 - Deaf Studies (3)

Discussion of the various aspects of American deaf culture, including description of deafness, deaf people, the deaf community as defined by cultural means, and services for and by deaf people. Field trips to deaf professional and educational sites. This course is conducted in American Sign Language. Prerequisite SGNL 2320 or equivalent.

Distribution: Humanities.

SOCI - Sociology

SOCI 1311 - Introduction to Sociology (3)

A study of the scope, purpose, and method of sociology, as well as forms and functions of present day organization of social order. A brief survey of the social institutions.

Distribution: Sciences.

SOCI 2305 - Statistics for the Social Sciences (3)

Emphasizes conducting and applying statistical analyses with real-world social science data. Students will utilize a statistical software package commonly used by social scientists to conduct and interpret descriptive and inferential statistics. Students completing the course will acquire the skills necessary to both conduct and interpret statistical analyses in social science settings. Pre-requisite: Math 1304 or higher. Same as PSYC 2316 and SOCW 2305.

Distribution: Sciences.

SOCI 2310 - Research Methods for Sociology (3)

This course provides students with the practical and theoretical tools to interpret, critique, and conduct social science research. Students will gain skills with both

quantitative and qualitative methodologies. Prerequisites: SOCI 1311 and SOCI 2305.

Distribution: Sciences.

SOCI 2316 - Social Problems (3)

A study of the social problems of modern American life with emphasis upon their extent, effects, and suggested remedies. (Same as CRIJ 2316)

Distribution: Sciences.

SOCI 3305 - Latinx in US Society (3)

This course will develop students' understanding of the social experiences of Latinx. It will emphasize how prominent social structures, institutions, and concepts shape Latinx well-being and social standing, such as race/ethnic identification, diversity, racialization, education, family, health, immigration, religion, gender, and the arts. Prerequisites: SOCI 1311

Distribution: Sciences.

SOCI 3310 - Sociology of Education (3)

This course studies education both as an institution in society and as a sources of social inequality. Students will examine the relationships between education and various types of social status, including socioeconomic status, gender, race, and ethnicity. This class focuses on multiple levels of sociological analysis, from classroom interactions to educational systems and social structures.

Distribution: Sciences.

SOCI 3312 - Marriage and Family (3)

A sociological analysis of the family, the varied cultural patterns of the American family, and the relationships that exist among the individuals within the family, as well as the relationships that exist between the family and other institutions in society.

Distribution: Sciences.

SOCI 3317 - Race and Ethnicity (3)

A study of the social development of contemporary minority groups with emphasis on the psychological and sociological processes involved in prejudice. Prerequisite: SOCI 1311. (Same as CRIJ 3317)

Distribution: Sciences.

SOCI 3318 - Juvenile Delinquency (3)

A survey of the delinquent as a person and delinquency as a social problem. Emphasis is on the extent, causation, prevention, treatment, and theories of delinquency. Prerequisite: SOCI 1311.

Distribution: Sciences.

SOCI 3319 - Social Psychology (3)

A background in historical and contemporary social psychological theories. An analysis of social factors at work in the development of the individual through childhood, adolescence, and adulthood. Prerequisite: Sophomore standing (Same as PSYC 3319)

Distribution: Sciences.

SOCI 3325 - Human Diversity (3)

This course provides the opportunity to understand how diversity characterizes and explores the dimensions through the intersections of multiple factors that shape human experiences including age, class, color, culture, disability, ethnicity, gender, gender identity, and religion. Topics will provide the opportunity to begin the process to eliminate the influence of personal biases and values in working with diverse groups; as well as recognize and communicate the importance of understanding how differences shape life experiences. Prerequisite: Sophomore standing or above (same as SOCW 3315)

Distribution: Sciences.

SOCI 3330 - Sociology of Gender (3)

A societal level study of gender ideas, interactions, and institutions. Prerequisite: SOCI 1311.

Distribution: Sciences.

SOCI 3340 - Social Class and Poverty (3)

This is a sociological examination of social class and poverty. It will focus on the causes and consequences of economic stratification at individual, institutional, and societal levels. Prerequisites: SOCI 1311

Distribution: Sciences.

SOCI 3350 - Sociology of Health (3)

This course will be a sociological examination of health, illness, and medical care as social phenomena.

Distribution: Sciences.

SOCI 3365 - Social Data Analytics I (3)

The course provides a structured exploration of the beginning modules in the data analytics certificate as well as an introduction to the skills and applications used in professional settings.

Distribution: Sciences.

SOCI 3370 - Social Data Analytics II (3)

The course provides a structured exploration of the middle modules in the data analytics certificate and created the opportunity for students to develop their technical and professional skills needed for a career in data analytics.

Distribution: Sciences.

SOCI 4090 - Senior Examination (0)

Students majoring in Sociology must complete the sociology achievement examination prior to graduation.

Distribution: Sciences.

SOCI 4150 - Sociology Internship (1)

This internship course will allow students to apply their sociological imaginations in real-world experiences. Internship sites must be approved by the faculty. Each credit hour must have 45 hours of internship experience along with an academic assignment.

Distribution: Sciences.

SOCI 4180 - Sociology Senior Capstone (1)

This seminar will provide students with the opportunity to advance their sociological training as well as prepare for a professional life beyond the undergraduate experience.

Distribution: Sciences.

SOCI 4250 - Sociology Internship (2)

This internship course will allow students to apply their sociological imaginations in real-world experiences. Internship sites must be approved by the faculty. Each credit hour must have 45 hours of internship experience along with an academic assignment.

Distribution: Sciences.

SOCI 4313 - Gerontology (3)

A course designed to gain an understanding of the normal aging process by using a bio-pyscho-social framework to examine the historical, cultural, physiological, psychological, and social aspects of aging. Emphasis is given to the changes that are associated with aging and the resulting dynamic interactions between older persons and their environment. Prerequisite: SOCI 1311 (Same as SOCW 4313).

Distribution: Sciences.

SOCI 4315 - Death and Dying (3)

The course explores social, psychological and biological processes of death, dying, and bereavement. It includes processes that define the role of the dying and the status of being dead in our society and in other cultures of the world. Topics include cross-cultural practices related to death, funerals, burial rituals, suicide, terminal illness, and care systems that attend the dying. Other topics include the concept and treatment of pain, and medical, legal and ethical values related to death and terminal illness in contemporary society. The study of death and dying often includes a journey that is intellectual and scholarly on one hand, emotional and experiential on the other. The fusing of these elements offers a comprehensive understating of our individual and collective mortality. (Same as SOCI 4315)

Distribution: Sciences.

SOCI 4317 - Criminology (3)

An overview of crime in America, various theories concerning causes of crime, and the criminal justice system. (Same as CRIJ 4317)

Distribution: Sciences.

SOCI 4318 - Social Theory (3)

A study of the development of social thought with an emphasis on late nineteenth and twentieth century sociologists, their contributions, and developments in American Sociology. Prerequisite: SOCI 1311.

Distribution: Sciences.

SOCI 4319 - Drugs, Society, & Criminal Justice (3)

This course focuses on issues of drug use, misuse, and abuse. Special emphasis is given to the sociological aspects of drug-taking behavior, the relationship between drugs and crime, and the criminal justice system. Descriptions, classifications, and analyses are used to explore the extent of the drug problem. Prerequisite: SOCI 1311. (Same as SOCI 4319).

Distribution: Sciences.

SOCI 4330 - Sociology of Religion (3)

Religion is one of the most powerful forces of social cohesion, order, meaning, disruption, and change in human societies, both historically and today in the modern world. Sociology provides a particular disciplinary perspective and analytical tools and theories for describing, understanding, and explaining the nature and influence of religion. Prerequisites: SOCI 1311.

Distribution: Sciences.

SOCI 4350 - Sociology Internship (3)

This internship course will allow students to apply their sociological imaginations in real-world experiences. Internship sites must be approved by the faculty. Each credit hour must have 45 hours of internship experience along with an academic assignment.

Distribution: Sciences.

SOCI 4375 - Social Data Analytics III (3)

This advanced course provides a structured exploration of the final modules of the data analytics certificate and creates the opportunity for students to master their technical and professional skills needed for a career in data analytics.

Distribution: Sciences.

SOCW - Social Work

SOCW 2305 - Statistics for the Social Sciences (3)

Emphasizes conducting and applying statistical analyses with real-world social science data. Students will utilize a statistical software package commonly used by social scientists to conduct and interpret descriptive and inferential statistics. Students completing the course will acquire the skills necessary to both conduct and interpret statistical analyses in social science settings. Pre-requisite: Math 1304 or higher. Same as PSYC 2316 and SOCI 2305.

Distribution: Sciences.

SOCW 2311 - Introduction to Social Work (3)

An introduction to the profession of Social Work and the institution of social welfare. Emphasis is on common human needs and problems, the development and functioning of social welfare as an institution of society, and the values, practice methods, and occupational settings of the Social Work profession.

Distribution: Sciences.

SOCW 2312 - Human Behavior & Social Environment I (3)

This course and its sequel, SOCW 2314, examine those interacting systems which influence human behavior: individuals, families, groups, organizations, and communities. This course also examines systems theory, diversity, and their implications for Social Work practice. Prerequisites: SOCW 2311 or consent of the instructor.

Distribution: Sciences.

SOCW 2313 - Family and Child Welfare (3)

An overview of problems encountered by children and their families with an emphasis on community services designed to alleviate those problems.

Distribution: Sciences.

SOCW 2314 - Human Behavior & Social Environment II (3)

This course examines those interacting systems which influence human behavior: individuals, families, groups, organizations, and communities. This course also examines systems theory, the ecological approach, and diversity as they relate to the family's development across the life span. Individuals are studied within familial and social environments at each stage of family life. Prerequisites: SOCW 2311 or consent of the instructor.

Distribution: Sciences.

SOCW 3311 - Social Work Practice I (3)

This course initiates the practical preparation of students for beginning level professional practice. Generalist practice will be introduced, using an emphasis on the holistic view of human services and the ecological/systems theory of practice. Problem solving emphasis will be placed on individuals and families. Not available to non-majors. Prerequisites: Social Work major; ENGL 1321 and 1322; credit or concurrent enrollment in PSYC 3315 and SOCW 2312.

Distribution: Sciences.

SOCW 3313 - Policies & Issues in Social Work (3)

An examination of the policy making process. Current social issues, programs, and public policy issues will be explored. Intervention techniques aimed at influencing and changing social welfare and public policy will also be examined. Prerequisites: SOCW 2311.

Distribution: Sciences.

SOCW 3314 - Social Work Practice II (3)

This course continues the practical preparation of the student for beginning level professional practice as begun in SOCW 3311. Generalist practice will continue to be presented using an emphasis on the holistic view of human services and the ecological/systems theory of practice. Problem-solving emphasis will be placed on groups, communities, and organizations. Not available to non-majors. Prerequisites: Social Work major; SOCW 3311.

Distribution: Sciences.

SOCW 3315 - Human Diversity (3)

This course provides the opportunity to understand how diversity characterizes and explores the dimensions through the intersections of multiple factors that shape human experiences including age, class, color, culture, disability, ethnicity, gender, gender identity, and religion. Topics will provide the opportunity to begin the process to eliminate the influence of personal biases and values in working with diverse groups; as well as recognize and communicate the importance of understanding how differences shape life experiences. Prerequisite: Sophomore standing or above (same as SOCI 3325)

Distribution: Sciences.

SOCW 3325 - Case Management (3)

This course serves as an introduction to the concept and principles of case management and the core functions of case management practice in a range of settings. The case management process is traced from intake to termination, with in-depth attention given to the following areas: assessment, planning, implementation, monitoring, recording, and evaluating. Emphasis is given to the responsibilities and skills of an effective case-manager. The context in which the case management occurs is reviewed and organizational, legal, and ethical issues confronting the case manager are addressed.

Distribution: Sciences.

SOCW 4090 - Senior Examination (0)

Students majoring in Social Work must complete the program's achievement examination prior to graduation.

Distribution: Sciences.

SOCW 4311 - Senior Seminar in Social Work (WE) (3)

This course continues the study of the generalist method of Social Work practice. Emphasis will be on the integration of the various components of the baccalaureate Social Work education sequence including social work foundations, liberal arts, values, special populations, human behavior, policy research, practice, and field experience. Prerequisites: SOCW 3313, 3314, 3315, 4312, and 4511. Corequisite: SOCW 4512.

Distribution: Sciences.

SOCW 4312 - Social Work Research I (3)

An emphasis on scientific methods for building a knowledge base for Social Work practice and for use in evaluation of practice. Included will be research methodologies and designs for the systematic evaluation of Social Work practice and program evaluation. Prerequisite: Junior standing.

Distribution: Sciences.

SOCW 4313 - Gerontology (3)

A course designed to gain an understanding of the normal aging process by using a bio-pyscho-social framework to examine the historical, cultural, physiological, psychological, and social aspects of aging. Emphasis is given to the changes that are associated with aging and the resulting dynamic interactions between older persons and their environment. Prerequisite: SOCI 1311. (Same as SOCI 4313).

Distribution: Sciences.

SOCW 4315 - Death and Dying (3)

The course explores social, psychological and biological processes of death, dying, and bereavement. It includes processes that define the role of the dying and the status of being dead in our society and in other cultures of the world. Topics include cross-cultural practices related to death, funerals, burial rituals, suicide, terminal illness, and care systems that attend the dying. Other topics include the concept and treatment of pain, and medical, legal and ethical values related to death and terminal illness in contemporary society. The study of death and dying often includes a journey that is intellectual and scholarly on one hand, emotional and experiential on the other. The fusing of these elements offers a comprehensive understating of our individual and collective mortality. (Same as SOCI 4315)

Distribution: Sciences.

SOCW 4316 - Social Work Practice III (3)

This course is the third component in the practical preparation of the student for beginning level professional practice. Generalist practice will continue to be presented using an emphasis on the holistic view of human services and the ecological/systems theory of practice. Problem-solving emphasis will be placed on communities and organizations. Not available to non-majors. Prerequisite: Social Work major; SOCW 3311 and SOCW 3314.

Distribution: Sciences.

SOCW 4322 - Social Work Research II (3)

Building on the content of SOCW 4312 Social Work Research I, this course is designed to enable students to apply the principles of creating, testing, and applying the scientific method to social work practice to include the development of theoretical perspectives, formulation of testable research hypotheses, execution of a research design, measurement, data collection, analysis of results, computerization, drawing conclusions, applications for use in social work practice, and the communication of the findings to a broader audience. Prerequisite: SOCW 4312.

Distribution: Sciences.

SOCW 4511 - Social Work Practicum I (5)

Supervised Social Work experience in a local social service agency. Requires a minimum of 225 clock hours in the agency plus a weekly on-campus seminar. The practicum should help the student integrate academic knowledge and practice skills to meet the needs of clients. Successful completion of the practicum requires a grade of "C" or above. Not available to non-majors. Prerequisites: SOCW 3311, 3313, 3314, and 3315. Corequisite: SOCW 4316.

Distribution: Sciences.

SOCW 4512 - Social Work Practicum II (5)

A continuation of supervised Social Work practice in a local social service agency within creasing responsibility and case involvement. Requires a minimum of 225 clock hours in the agency plus a weekly on-campus seminar. The practicum should help the student to continue to integrate academic knowledge and practice skills to meet the needs of clients and to deepen understanding of group, community, and organization functioning. Successful completion of the practicum requires a grade of "C" or above. Not available to non-majors. Prerequisite: SOCW 4511. Corequisite: SOCW 4311.

Distribution: Sciences.

SPAN - Spanish

SPAN 1410 - Spanish 1 (4)

Beginning Spanish consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. A placement examination is required. Lab fee.

Distribution: Humanities.

SPAN 1415 - Spanish 1 with Missions Emphasis (4)

This course is for students engaged in Christian Missions with an interest in learning basic language skills and understanding the culture of the Spanish-speaking world. Emphasis is on vocabulary of Biblical terms in Spanish, learning basic greetings and phrases used during evangelistic outreach or missions, basic conversational skills, and general understanding of the cultural aspects of the Spanish-speaking countries. This course serves as an alternative to SPAN 1410.

Distribution: Humanities.

SPAN 1420 - Spanish 2 (4)

Beginning Spanish consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. Prerequisite: SPAN 1410, SPAN 1415 or placement exam. Lab fee.

Distribution: Humanities.

SPAN 1425 - Spanish 2 with Missions Emphasis (4)

This course is for students engaged in Christian Missions with an interest in learning basic language skills and understanding the culture of the Spanish-speaking world. Emphasis is on vocabulary of Biblical terms in Spanish, learning basic greetings and phrases used during evangelistic outreach or missions, basic conversational skills, and general understanding of the cultural aspects of the Spanish-speaking countries. This course serves as an alternative to Span 1420. Prerequisite: SPAN 1410, SPAN 1415, placement exam or equivalent.

Distribution: Humanities.

SPAN 2310 - Spanish 3 (3)

Emphasis on development of oral proficiency in the language. Biblical, cultural, and literary readings of moderate difficulty from representative Spanish authors with discussion in Spanish of the reading selections. Review of composition and certain grammatical principles. Prerequisite: SPAN 1420, SPAN 1425, placement examination, or equivalent.

Distribution: Humanities.

SPAN 2320 - Spanish 4 (3)

Emphasis on development of oral proficiency in the language. Biblical, cultural, and literary readings of moderate difficulty from representative Spanish authors with discussion in Spanish of the reading selections. Review of composition and certain grammatical principles. Prerequisite: SPAN 2310.

Distribution: Humanities.

SPAN 3325 - Spanish for the Health Professions (3)

This course is designed as an upper-level elective course for Spanish students with an interest in health professions. Emphasis is on health/medical vocabulary, basic grammar, and substantial development of oral proficiency and professional/patient communication. Prerequisite: SPAN 2320.

Distribution: Humanities.

SPAN 3328 - Spanish for Health Professions (3)

This course is designed for students in the health professions as an upper-level elective course. This course cannot count toward a Spanish minor. Emphasis is on health/medical vocabulary, basic grammar, and substantial development of oral proficiency and professional/patient communication. Prerequisites: SPAN2320 or placement test; Either BIOL 2240 and BIOL 2441 or PSYC 2311 and 3316.

Distribution: Humanities.

SPAN 3330 - Advanced Oral Communication (3)

Intensive development of oral proficiency through drills, oral reports, and discussion of short literary texts. Prerequisite: SPAN 2320.

Distribution: Humanities.

SPAN 3340 - Advanced Composition and Stylistics (3)

Intensive development of writing skills and awareness of style and correctness through guided compositions. Prerequisite: SPAN 2320

Distribution: Humanities.

SPAN 3342 - Spanish for Careers (3)

The course focuses on Spanish language skills for the professions, career exploration, and job preparedness. Students will learn about 1) careers in which Spanish is valuable 2) language appropriate to those careers, and they will 3) prepare to enter the job market with Spanish communication skills. Careers where Spanish proficiency is valuable include professions in business, Christian studies, health care, education, counseling, law, criminal justice, administration, social work, communication, politics, diplomacy, translating interpreting, and more. Prerequisites: SPAN 3330 and SPAN 3340 or SPAN 3370.

Distribution: Humanities.

SPAN 3345 - Literary Analysis (3)

This course introduces the different genres of literature written in Spanish giving emphasis to the tools needed to analyze the literary discourse. Students will study texts from Spain and Spanish America. Prerequisites: SPAN 3330 and 3340 or 3370.

Distribution: Humanities.

SPAN 3350 - Introduction to Spanish Literature (3)

A survey of Spanish literature from its origins to the present day. Emphasis on authors, movements, and close reading of literary texts. Conducted in Spanish. Oral and written reports in Spanish are required. Prerequisite: SPAN 3330, and 3340 or 3370.

Distribution: Humanities.

SPAN 3360 - Introduction to Spanish American Literature (3)

A survey of Spanish American literature from its origins to the present day. Emphasis on authors, movements, and close reading of literary texts. Conducted in Spanish. Oral and written reports in Spanish are required. Prerequisite: SPAN 3330 and 3340 or 3370.

Distribution: Humanities.

SPAN 3370 - Advanced Grammar (3)

In-depth study of prescriptive grammar and semantics in Spanish. Emphasis on rules of sentence formation, verb conjugations, and translation techniques through cultural content. Analysis of fine shades of meaning in Spanish words. Prerequisite: SPAN 2320.

Distribution: Humanities.

SPAN 3372 - Spanish for Heritage Speakers (3)

This course is designed for students whose home language is Spanish but whose dominant and school language is English. A study of the differences and similarities between English and Spanish, proper use of verb tenses, learning of professional vocabulary in the targeted language and idiomatic expressions. Strong emphasis on the culture of Latin American countries and the U.S. Spanish-speaking communities. Emphasis on understanding main structures of the Spanish grammar and development of oral language skills, aiming at achieving sophistication of the written and spoken language in the heritage speaker. Can substitute for SPAN 3370. Prerequisite: SPAN 2320 or the equivalent.

Distribution: Humanities.

SPAN 3380 - Applied Linguistics for Spanish (3)

A study of the various theories on language acquisition. An analysis of how non-natives can best develop reading, writing, speaking, and comprehension skills in Spanish. Prerequisite: SPAN 3330 or 3340 or permission of instructor.

Distribution: Humanities.

SPAN 3390 - Studies in Hispanic Civilization (3)

A survey of the origins and development of Spanish and Spanish-American culture. May be repeated for credit when topics vary. Prerequisite: Permission of instructor/department chair.

Distribution: Humanities.

SPAN 3392 - Studies in Spanish Peninsular Culture and Civilization (3)

This course is a survey of the origins and development of Spanish peninsular culture and civilization. The course provides opportunities for oral language development. Prerequisites: SPAN 3330 and 3340.

Distribution: Humanities.

SPAN 3393 - Studies in Spanish American Culture and Civilization (3)

This course is a survey of the origins and development of Spanish American culture and civilization. The course provides opportunities for oral language development. Prerequisites: SPAN 3330 and 3340.

Distribution: Humanities.

SPAN 4361 - Masterpieces of Hispanic Literature (3)

A study of major Hispanic writers. Topics may vary, e.g., Don Quijote, the modern Latin American novel, Golden Age Spanish Drama, Hispanic poetry, etc. May be repeated for credit when topics are different. Prerequisite: SPAN 3350 or 3360.

Distribution: Humanities.

SPAN 4375 - Spanish Capstone (3)

This course provides senior students broad based opportunities to polish Spanish language written and oral expression and develop understanding of the culture of Spain and Spanish America. Student learning exit assessments, principles of instruction, and topics of interest to Spanish speaking professionals are also emphasized. Prerequisite: Senior standing and departmental permission.

Distribution: Humanities.

SWBS - Southwest Borderland Studies

SWBS 2310 - Introduction to Borderlands Studies (3)

This course provides a basic understanding of theoretical foundations of Borderlands Studies, with a focus on the Southwestern United States. In particular, this course theorizes the border as not simply as a physical barrier

meant to regulate migration, but the economic, cultural, spatial, and metaphorical borderlands that informs us on larger processes of membership, belonging, identity, politics, and dehumanization linked to social structures and institutions. The role of Christian faith, churches and faith-based social movements within the study of the Mexican-US border will also be explored.

Distribution: Humanities.

SWBS 3315 - Mexican Culture, History, and Society (3)

This course explores the main historical events that shaped Mexico's culture, such as traditions, food, music, film, and how they formed the rich and diverse society in Mexico today. It surveys the pre-Columbian cultures, the Conquest, the Colonial period, the Independence Movement, the Porfiriato, the Mexican Revolution, and the post revolutionary era. This course also studies contemporary Mexico and its relationship with the United States, with an emphasis on the importance of Mexico to the Southwest Borderlands.

Distribution: Humanities.

SWBS 3350 - Hispanic Borderlands Literature (3)

This course studies the literature of the Southwestern Borderlands through the historical and social context related to the experience of the communities that developed in the U.S.-Mexico borderlands region. It includes reading from early Mexican-American literature as well as contemporary authors through prose fiction, dram, poetry, and film. The course also analyzes topics that lead to the understanding of the social circumstances in which the authors write, such as immigration, the Chicano Movement, bilingualism, and contemporary borderlands issues. Prerequisites: SWBS 2310 and SWBS 3315.

Distribution: Humanities.

SWBS 4325 - Contemporary Borderlands Issues (3)

Using the theoretical foundations of Borderlands Studies, the course will address critical contemporary issues in the Southwestern Borderlands. This includes immigration/migration, political particularization and representation, social movements, and the conditions and social patterns related to religion, education, and health on the U.S.- Mexican border. Insights gained through the study of Contemporary Borderlands Issues take on a critical significance with the Southwestern border is gaining national attention for its rapid growth, intercultural exchange, and site of political debates. Prerequisites: SWBS 2310, SOCI 3305

Distribution: Humanities.

THEA - Theatre

THEA 1100 - Dramatic Production (1)

Work on aspects (set construction, prop fabrication, lighting, etc.) of UMHB productions as assigned by the instructor. May be repeated for credit. Fee.

Distribution: Visual and Performing Arts.

THEA 2230 - Stage Movement (2)

An introduction to stage directions and how actors move on stage. Students will learn blocking techniques, nuances of expression and positioning, and basic dance techniques for the stage.

Distribution: Visual and Performing Arts.

THEA 2250 - Theatre Design Tech I (2)

An introduction to the fundamentals of stage management, including instruction in basic lighting, sound and scenic design.

Distribution: Visual and Performing Arts.

THEA 2310 - Acting I (3)

Study of the fundamentals of interpreting character and the technique of stage movement. Practical experience in 10-minute scenes performed in a laboratory setting.

Distribution: Visual and Performing Arts.

THEA 2350 - Theatre Appreciation (3)

A survey of theatre architecture, writing, acting, and stagecraft from 5th century B.C. Greece to the present. Special concentration is centered on "peak" periods in theatrical history and dramaturgy.

Distribution: Visual and Performing Arts.

THEA 2360 - History of Costume (3)

A survey of costuming used in Western Theatre from earliest times to the present. Practical experience in costume design.

Distribution: Visual and Performing Arts.

THEA 3100 - Dramatic Production (1)

Work on aspects (set construction, prop fabrication, lighting, etc.) of UMHB productions as assigned by the instructor. May be assigned as a crew head for the production. May be repeated for credit. Fee.

Distribution: Visual and Performing Arts.

THEA 3250 - Theatre Design Tech II (2)

A continuation of THEA 2250 to include functional application of lighting, sound, and costume design, as well as basic scenic and stage prop construction. Prerequisite: THEA 2250

Distribution: Visual and Performing Arts.

THEA 3320 - Acting II (3)

A continuation of THEA 2310. Students will continue to develop acting skills with an emphasis on script analysis and play structure. Prerequisite: THEA 2310.

Distribution: Visual and Performing Arts.

THEA 3350 - Play Production for Secondary Teachers (3)

Study and discussion of problems in directing plays, including play selection, casting, organization, and conducting rehearsals. Analysis of dramatic structure, reading one-act plays, and preparation of a director's manuscript.

Distribution: Visual and Performing Arts.

THEA 4300 - Directing (3)

Study of the basic techniques of working with actors as well as the analysis of plays for production and the "geometry" of stage blocking. Practical experience in direction of a project negotiated with the instructor.

Distribution: Visual and Performing Arts.

THEA 4350 - Playwriting (3)

Study of plotting, analysis, and dialogue in the preparation of a dramatic work. Practical experience in creative writing of one-act and/or full length plays. Prerequisite: DRAM 2350.

Distribution: Visual and Performing Arts.

THEA 4391 - Seminar (3)

A study of selected topics in Theater. The topic will be announced prior to registration.

Distribution: Visual and Performing Arts.

UMHB - Student Development

UMHB 1002 - Chapel (0)

A complete education includes experiences that seek to develop the mind, body, and spirit. Informative and inspirational programs are presented which include music, testimonies, speakers, missions, and other special emphases.

Distribution: Student Development.

UMHB 1005 - Fine Arts Experience (0)

The purpose of this Fine Arts Experience requirement is to establish and foster a life-long pattern of fine arts involvement.

UMHB 1101 - First Year Seminar (1)

The main goal of the course is to equip students with strategies for insuring their full, active participation in the process of making a successful transition to the university experience. The design of the course is to help students develop or improve their study and time management skills; to obtain information about academic programs, including course, major, and graduation requirements; to understand the occupational implications of their educational choices, to clarify why they are in college, identify personal and work values, and establish realistic career and life goals.

Distribution: Student Development.

UMHB 3202 - Peer Mentors (2)

In the Peer Mentor Seminar, the Peer Mentors (Cru-Leaders) will deepen their understanding of the developmental issues that face first year students as they transition to college life. The Cru-Leaders will have the opportunity to learn theory and apply practical knowledge while working with their assigned mentees.

Distribution: Student Development.

UMHB 4100 - Career Coaching & Planning (1)

This course is designed to offer students enhanced career coaching through personalized advisement, planning, and courses of action with the opportunity for independent study. Activities and assignments are designed to meet personal career development needs.

Distribution: Student Development.

WRIT - Writing

WRIT 3340 - Creative Writing: Poetry (3)

Students will learn to tap into their own creative sources, learn the role of reading and critiquing the work of others in the sharpening of one’s own talent, and gain the tools needed to come away from the class with a sharpened appreciation of the creative process and with a heightened insight into the workings of the language, including metaphor and other types of figurative language. Prerequisites: ENGL 1321, 1322, and one 2000-level English courses.

Distribution: Humanities.

WRIT 3341 - Creative Writing: Prose (3)

Instruction and practice in writing creative non-fiction, short stories, and possibly other forms of creative writing. Class discussion and criticism of work produced. Work from this course may be considered for publication in the *Baylorian*. Prerequisites: ENGL 1321, 1322, and one 2000-level English course.

Distribution: Humanities.

WRIT 3342 - Advanced Grammar (3)

A study of modern English grammar with emphasis on its origin, syntax, morphology, usage, and current misusage. Prerequisites: ENGL 1321, 1322, and one 2000-level English course.

Distribution: Humanities.

WRIT 3344 - Scientific Writing (3)

This course provides an overview of the writing and research processes for various genres of scientific and technical writing. It will address the purposes and principles of scientific communication. Assignments will cover writing for both general and specialized audiences. Prerequisites: grade of C or better in ENGL 1321 and ENGL 1322 and Junior standing.

Distribution: Humanities.

WRIT 4192 - Publications Workshop (1)

Practical experience in editing and production of literary journals. Students will serve on the staff of the UMHB literary magazine, *The Baylorian*, and will assist with the Writers' Festival. This course may count only one time as a Set 2 course in the English minor but may be repeated for elective credit. Prerequisites: ENGL 1321, 1322, and two 2000-level English courses.

Distribution: Humanities.

WRIT 4292 - Publications Workshop (2)

Practical experience in editing and production of literary journals. Students will serve on the staff of the UMHB literary magazine, *The Baylorian*, and may assist with the Writers' Festival. This course may count only one time as a Set 2 course in the English minor but may be repeated for elective credit. Prerequisites: ENGL 1321, 1322, and two 2000-level English courses.

Distribution: Humanities.

WRIT 4340 - Advanced Composition (3)

A course focused on developing advanced skills in nonfiction writing. Includes study of theories of composition. Prerequisites: ENGL 1321, 1322, and two 2000-level English courses.

Distribution: Humanities.

WRIT 4343 - Advanced Rhetoric (3)

Study of classical and modern rhetoric, from Aristotle and Cicero to Booth, Toulmin, and others. Emphasis on skills necessary to construct and analyze arguments and to engage in a variety of discourses in a rhetorically effective way. Prerequisites: Junior standing, ENGL 1321, 1322, and one 3000-level English course.

Distribution: Humanities.

WRIT 4392 - Publications Workshop (3)

Practical experience in editing and production of literary journals. Students will serve on the staff of the UMHB literary magazine, *The Baylorian*, and may assist with the Writers' Festival. This course may count only one time as a Set 2 course in the English minor but may be repeated for elective credit. Prerequisites: ENGL 1321, 1322, and two 2000-level English courses.

Distribution: Humanities.

WRIT 4492 - Publications Workshop (4)

Practical experience in editing and production of literary journals. Students will serve on the staff of the UMHB literary magazine, *The Baylorian*, and may assist with the Writers' Festival. This course may count only one time as a Set 2 course in the English minor but may be repeated for elective credit. Prerequisites: ENGL 1321, 1322, and two 2000-level English courses.

Distribution: Humanities.

MPHE - Master Public Health

MPHE 6191 - Seminar in Public Health (1)

This seminar will be a one-credit hour course taken during the final semester of coursework as part of the professional preparation for students to enter the job market and to prepare students to succeed in passing the CHES examination. (1 credit hour)

Distribution: Exercise Science.

MPHE 6295 - Capstone in Public Health (2)

This course is designed to be an integrative learning experience where students synthesize and apply the program's competencies to public health practice. Students will investigate a public health issue, complete a written report, which may take the form of a peer-reviewed research journal article and a health communication campaign most appropriate for the target audience. This project will be presented upon completion of the course. This course/project requires written approval from the graduate advisor and program director. (2 credit hours)

Distribution: Exercise Science.

MPHE 6310 - Foundations of Public Health & Health Promotion (3)

This course will provide an overview of the history of health education and public health, as well as an overview of the principle theories and models used in promoting health behavior change. (3 credit hours)

Distribution: Exercise Science.

MPHE 6315 - Measurement and Evaluation in Health Promotion (3)

This course will provide an overview of the various types of program evaluation, including formative assessment, process evaluation, monitoring outputs and outcomes, impact evaluation, outcome evaluation, and summative assessment. Students will develop an understanding of measurement in program evaluation. (3 credit hours) (Dual for BSPH 4340)

Distribution: Exercise Science.

MPHE 6320 - Assessment and Program Planning in Health Promotion (3)

This course will provide students with an understanding of the procedures for conducting community needs assessments, formative research, process evaluation, monitoring of outputs and outcomes, and impact/outcome evaluations. This course will cover quantitative and qualitative methods used to plan and evaluate health promotion programs. Logic models will guide the development of the program evaluation. (3 credit hours) (Dual for BSPH 3320)

Distribution: Exercise Science.

MPHE 6325 - Health Systems, Organization, and Policy (3)

This course places emphasis on the application of organizational perspectives for health and human service organizations. This course also provides an emphasis on the phases involved in the policy-making process, including evaluating existing policies and their impact on public health. (3 credit hours)

Distribution: Exercise Science.

MPHE 6330 - Applied Epidemiology (3)

This course will improve the skills needed by health professionals to examine problems and make decisions based on the application of epidemiological concepts and methods. Environmental, individual, and biological determinants of diseases will be reviewed. Epidemiologic tools to be presented include the use of vital statistics and rates, descriptive studies, observational studies, and experimental studies. Basic concepts of biostatistics are also discussed in the context of public health and health promotion studies. (3 credit hours)

Distribution: Exercise Science.

MPHE 6340 - Management & Leadership (3)

This course will provide an analysis of planning, organizing, leading, and evaluating efforts resulting in the creation of a vision and the establishment of goals for professionals in the health sciences. Emphasis is placed on effective management practices, policy development, negotiation, conflict resolution, strategic planning, leadership theory, decision-making, problem solving, and event management principles. (3 credit hours)

Distribution: Exercise Science.

MPHE 6345 - Population Health (3)

This course will provide an examination of health issues from a population health perspective. Students will develop an understanding of the individual, social, and environmental determinants of health, health indicators, health systems, communicable and emerging diseases of specific populations, and the importance of cultural competence for health professionals. (3 credit hours)

Distribution: Exercise Science.

MPHE 6350 - Readings, Issues, Trends, Problems (3)

This course will provide an opportunity for critical analysis and study of selected problems, trends, techniques, and issues in the health sciences as presented in published items and research, and related to programs. (3 credit hours)

Distribution: Exercise Science.

MPHE 6353 - Research Methods (3)

This class will introduce students to the research process in public health and health sciences. An emphasis will be placed on the application of research design, data collection methods, and data analysis procedures used in quantitative and qualitative research. (3 credit hours)

Distribution: Exercise Science.

MPHE 6360 - Biostatistics (3)

This course will introduce biostatistics used in the fields of public health and health sciences. Students will develop an understanding of hypothesis testing, descriptive statistics, and methods for comparing discrete and continuous data including analysis of variance (ANOVA), t-test, correlation, and regression. Students will learn basic steps to analyze quantitative data using the Statistical Package for the Social Sciences (SPSS) and the interpretation of analysis results. (3 credit hours) (Dual for BSPH 4340)

Distribution: Exercise Science.

MPHE 6375 - Advanced Theory in Health Behavior (3)

This course will provide public health students with an in-depth analysis of the role of paradigms, conceptual frameworks, and theories that influence and have utility for health-related research and intervention design. Students will integrate this knowledge into planning health promotion programs through intervention design and program implementation. (3 credit hours)

Distribution: Exercise Science.

MPHE 6385 - Internship in Public Health (3)

This is a supervised applied practical experience which will take place at an extramural agency or organization engaged in work related to public health and health promotion. This allows students to apply learned competencies in a public health practice setting. This project requires written approval from the graduate advisor and program director. (3 credit hours) (Dual credit for BSPH 4350)

Distribution: Exercise Science.

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