

UNIVERSITY OF MARY HARDIN-BAYLOR  
2017-2018  
UNDERGRADUATE CATALOG



A Texas Baptist Institution

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## Welcome from the President

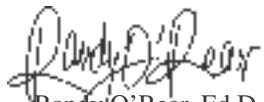


On behalf of the administration, faculty, and staff, let me welcome you to the University of Mary Hardin-Baylor! This catalog outlines the wide range of academic offerings that are taught by our talented and dedicated faculty at UMHB. You will quickly see that our curriculum offers students a solid set 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, university accreditation, and a list of the university's faculty, staff, and administration. 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 - [www.umhb.edu](http://www.umhb.edu).

The university will revise this 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, or other information. Students are expected to remain familiar with the contents of the catalog.



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# ACCREDITATION

**The University of Mary Hardin-Baylor is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, and doctorate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, telephone 404-679-4500, <http://www.sacscoc.org> for questions about the accreditation of the University of Mary Hardin-Baylor.**

**Selected academic programs are accredited by the following agencies:**

Commission on Collegiate Nursing Education  
Council for Accreditation of Counseling and Related Educational Programs, Community Counseling/Clinical Mental Health Counseling  
Council on Social Work Education  
Texas Board of Nursing  
The Texas Education Agency  
The UMHB Art Department is accredited by the National Association of Schools of Art and Design.  
The UMHB Department of Music is accredited by the National Association of Schools of Music.

**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  
Kindermusik International  
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 Choral Directors Association  
Texas Counseling Association  
Texas Field Educator's Consortium  
Texas Music Educators Association  
Texas Music Teachers Association



# UNIVERSITY CALENDAR

## 2017-2018

This calendar may change as University needs change. Individuals should refer each semester to the calendar published online at <http://registrar.umhb.edu/academic-calendar>. The calendar published online will take precedence over the calendar in this catalog.

### Fall 2017

August 16 (7:30 am) .....	University Housing Opens
August 17-18 .....	Advising & Registration
August 21 .....	Classes Begin
August 23 (11:00 am) .....	Convocation
September 4 .....	Labor Day Holiday
November 22-24 .....	Thanksgiving Holidays
December 1 .....	Classes End
December 4-7 .....	Final Exams
December 8 (1:00 pm) .....	Winter Commencement
December 20-January 2 .....	Christmas Holidays

### Spring 2018

January 3 (7:30 am) .....	University Housing Opens
January 4-5 .....	Advising & Registration
January 8 .....	Classes Begin
January 15 .....	Martin Luther King, Jr. Day Holiday
March 12-16 (tentative) .....	Spring Break
March 30 .....	Good Friday Holiday
April 19 .....	Play Day
April 26 .....	Classes End
April 27 .....	Study Day
April 30-May 3 .....	Final Exams
May 5 (7:30 pm) .....	Spring Commencement

### May Mini-Mester 2018

May 7 .....	Advising & Registration
May 7-25 .....	Class Days
May 28 .....	Memorial Day Holiday

### Summer I 2018

May 30 .....	Advising & Registration
May 30-June 26 .....	Class Days

### Summer II 2018

June 27 .....	Advising & Registration
June 27-July 25 .....	Class Days
July 4 .....	Independence Day Holiday

### Fall 2018 (Tentative)

August 20 .....	Classes Begin
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# NOTICE OF NONDISCRIMINATORY POLICY AS TO STUDENTS

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, and 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.

A student or applicant who claims to have been unlawfully discriminated against due to any university regulation or policy or the official action of any university employee should submit a written complaint to the designated coordinator for university compliance with nondiscrimination policies: Susan Owens, Vice President for Human Resources, Title IX Coordinator and non-discrimination compliance officer, Sanderford Administrative Complex, 900 College Street, Belton, Texas 76513, 254-295-4527, [susan.owens@umhb.edu](mailto:susan.owens@umhb.edu).

## ANNUAL CAMPUS CRIME AND FIRE SAFETY REPORT

UMHB's Annual Campus Crime and Fire Safety Report, as required by federal law, may be accessed on the University's Internet site at <http://police.umhb.edu/policies/clery-act>

A printed copy of this report can be obtained by contacting the University of Mary Hardin-Baylor's Campus Police Department at (254) 295-5555.

The report includes institutional policies concerning campus safety and security as well as statistics for the previous three years concerning crimes and fires reported to have occurred on campus, in or on off-campus buildings or property owned or controlled by the school, and on public property within or immediately adjacent to the campus.

### 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 <http://students.umhb.edu/student-handbook>, the university's Title IX webpage at <http://www.umhb.edu/titleix> and UMHB's Annual Campus Crime and Fire Safety Report at <http://police.umhb.edu/policies/clery-act>.



# NOTIFICATION OF RIGHTS UNDER FERPA FOR POSTSECONDARY INSTITUTIONS

The Family Educational Rights and Privacy Act (FERPA) afford 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, dean, head of the academic department, or other appropriate official, 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 is 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 the university official responsible for the record, 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.

# 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 enrich 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.

# UMHB CAMPUS

## Academic, Administrative, & Other Buildings

**Baugh Center for the Visual Arts** houses classrooms, offices, and gallery space for the Department of Art. Constructed in 2012, its name honors the memory of Eula Mae and John Baugh, whose family foundation made the lead gift for the building.

**Baptist Student Ministries** This building was previously First Nazarene Church constructed in 1942. The building was purchased by the University in 2002 and completely renovated. It is now home to the Baptist Student Ministry.

**C.R. Clements Building** was built in 1981, thanks to a gift from Mr. & Mrs. Kenneth Kirkpatrick in honor of Mr. C.R. Clements. The building was renovated in 2001 and houses offices for the Development staff.

**Davidson Educational Building** was made possible through a gift from the estate of C.J. "Red" Davidson. Constructed in 1983, the complex provides classrooms, computer facilities, and office space for Computer Science and Engineering, English, and Modern Foreign Languages.

**Frazier Center**, built in 1960, houses offices for the faculty who teach in the Counseling graduate program.

**Hardy Hall**, named in honor of former president Dr. J.C. Hardy, this building contains the Doctor of Physical Therapy program classrooms, offices, and labs. The building was constructed in 1929.

**Heard Hall**, This is the oldest building on campus. Constructed in 1919, it originally was used as a women's residence hall from approximately 1919 to 1960. The building served as the administration building for a short time and currently houses academic offices.

**Isabelle Rutherford Meyer Nursing Education Center** was completed in 2012 and dedicated in February 2013. The building houses faculty offices, classrooms, and simulation laboratories for UMHB's Scott & White College of Nursing. The lead gift for the building was contributed by the Paul and Jane Meyer Family Foundation, and the building is named for Paul Meyer's mother, who during her lifetime worked as both a nurse and a teacher.

**Mabee Student Success Center** was made possible by a grant from the J.E. and L.E. Mabee Foundation. Built in 1973, the building was expanded in 1995. The building was renovated in 2014-2015. The building contains: University Police, Post Office, Mabee Market, Cru Card and Copy Services, Career Services, Writing Center, International Student Services, Center for Global Engagement, Center for Academic Advising, ROTC, and Robert and Linda Black Center for Counseling, Testing & Health Services.

**Parker Academic Center** is a multi-purpose facility housing classrooms, offices, and student labs for the College of Education and McLane College of Business. The facility was completed in the summer of 2002 and is named in honor of Dr. Bobby E. Parker, former UMHB President.

**Parker House** The house is named in honor of former president and chancellor Dr. Bobby E. Parker and his wife Marietta, by the donor, Mrs. JoAn Musick-Flowers. In 1989, the residence opened and is where the Parkers resided until Dr. Parker assumed the role of chancellor in 1991. Dr. Jerry Bawcom and his wife, Vicky, were the last president and first lady to live in the house. When Dr. Bawcom became chancellor in 2009 and moved to a home off campus, the house was remodeled and converted into the Musick Alumni Center and Museum.

**Paul and Jane Meyer Christian Studies Center** was made possible by a gift from Paul and Jane Meyer and was completed in the summer of 2008. This building contains offices, classrooms, a library and a chapel for the College of Christian Studies.

**The Performing Arts Center** was completed in 2017. The facility is designed to double as an academic building and a performance venue. The centerpiece of the facility is a 524-seat theater, complete with orchestra pit, fly space, and a proscenium stage.

**President's Home** at 1032 University Drive was built in 2009 as campus home for the UMHB first family. Dr. Randy O'Rear and his wife, Julie, were the first president and first lady to live in the home.

**Presser Fine Arts Building** was made possible by a gift from the Presser Foundation and contains studios, practice rooms, and faculty offices for the Department of Music, as well as Hughes Recital Hall named in memory of J.K. and Annie Hughes. The building was constructed in 1929. The recital hall was refurbished in 1979 through a generous gift made by Raymond L. Dillard and Genevieve Hughes Dillard (Class of '31).

**Sanderford Administrative Complex**, named in memory of the parents of T.E. Sanderford, was made possible by a substantial gift from Mr. and Mrs. T.E. Sanderford. Built in 1979, the complex houses the administrative offices of the university, including the Registrar's Office, Admissions & Recruiting, Cashiers, and Financial Aid. Renovations to the building were made in 1997, and a two-story addition was completed in 2007.

**Townsend Memorial Library**, named for Dr. and Mrs. E.G. Townsend, contains approximately 150,000 volumes, including bound periodicals and microfilm, and receives over 4,500 current periodicals and newspapers. The fully automated library has access to the Internet, electronic journals, more than 3,500 of which are full-text, and numerous electronic databases. This building was constructed in 1961 and remodeled in 1994.

**UMHB Community Life Center**, located at 717 College Street, provides affordable counseling to those in Bell County who need counseling services.

**J.W. Williams Service Center** is located on the northern edge of the campus, at 800 Industrial Park Road. The building is named for J.W. Williams, who served as maintenance supervisor for the campus 1936-41 and 1948-77. This facility houses offices and shops for the staff of the Physical Plant and Event Services.

**Wells Science Hall**, named for former president Dr. E.H. Wells, was constructed in 1920. It is devoted to classrooms, laboratories, and offices for the Mathematics and Physics, undergraduate Psychology, and Social Work, Sociology and Criminal Justice departments. The building was renovated in 1996, 2001, and 2013.

**W.W. Walton Chapel** was completed in the spring of 1967. Named for donor W.W. Walton of Bartlett, the building serves as a chapel and auditorium. The Chapel was remodeled in 2003.

**York House**, located at 803 College St., houses the Office of English as a Second Language.

**York Science Center**, named in memory of longtime faculty member Dr. C.L. York, provides offices, classrooms, and laboratories for the Biology and Chemistry departments and contains the Anne Ammons Brindley Auditorium. The building was completed in 1996.

## Athletic Facilities

**Andersen Field House** was made possible by a gift from the Andersen Foundation and was opened in 1998. The facility combines state-of-the-art video and training facilities for the football program with offices for the football program staff.

**Crusader Stadium** was completed in 2013 as the first on-campus stadium for the Crusader football program. The facility was made possible through a lead gift from the family of Elizabeth and Drayton McLane Jr. and is considered by many to be the finest stadium in NCAA Division III football.

**Cummins Field House** was named in honor of Chris and Cindy Cummins of College Station, Texas. The field house offers locker rooms, training and therapy areas, and showers and restroom facilities for the Crusader football program. Dedicated in 2013, Cummins Field House is located adjacent to Andersen Field House in the university SportsPlex.

**Dee Dillon Softball Field** was completed in 2004 as part of the university's SportsPlex on Crusader Way. The field was named in honor of Dee Dillon, chairperson of the Health and Physical Education department at UMHB from 1954-1965.

**Frank and Sue Mayborn Campus Center** opened in January 2005. This 122,000-square-foot facility provides offices for coaches and the Exercise and Sport Science faculty, classrooms, a fitness center, a natatorium, an indoor jogging track, a 2500-seat multi-purpose special events center, and the Mabee-Farris recreation gymnasium.

**Red Murff Baseball Field**, located in the SportsPlex on Crusader Way, was completed in 2004. The field is named in honor of Red Murff, who helped start the baseball program at UMHB in the 1970s.

## Campus Living

**Beall Hall** is an apartment style residential building hall made possible by and named for Mary and James Beall. This building was opened in 2000.

**Burt Hall** is a women's residence hall made possible by a gift from Mr. and Mrs. R.E. Burt. The building was constructed in 1920 and remodeled in 1990 and 2001.

**Farris Hall** is a four-story complex which offers 163 beds for students. The complex was built in 2011 and was named in honor of Martha White Farris (Class of 1942) of Floydada, Texas.

**Garner Hall** is a housing complex which offers 72 apartments for 141 men and women. The complex is named for John Hood Garner and Alleen Weatherford Garner, whose charitable trust made a key gift toward construction of the facility in 2010.

**Gettys Memorial Hall** is a men's residence hall named for Dr. and Mrs. A.C. Gettys. The building was constructed in 1965 and renovated in 1991.

**Johnson Hall** is a women's residence hall named for the mother of Lyndon Baines Johnson, former President of the United States. The building was constructed in 1968 and renovated in 1991.

**McLane Hall** is a men's residence hall named for Mr. Drayton McLane Jr., of Temple, a major benefactor. The building was completed in 1989 and was renovated in 2002.

**Remschel Hall** is a women's residence hall named in honor of Corrine Remschel, a 1931 graduate. The building was completed in 1993 and was renovated in 2007.

**Stribling Hall** is a women's residence hall named for the daughter of J.C. Stribling, whose gift made the building possible. The building was constructed in 1920 and renovated in 1990.

## Independence Village

The name, Independence Village, pays tribute to the beginnings of the university's history, which was founded in Independence, Texas as part of Baylor University. The complex, composed of apartment-style housing, was originally opened in 1996 and expanded in 1998, 2005, and 2010.

- **Shannon Commons** building, named for John H. Shannon, honorary member of the UMHB Alumni Association and late husband of Pat Lockridge Shannon, Class of 1953. The building was constructed in 2005.
- **Clark Hall** named for Dr. Horace Clark, principal of the Female Department of Baylor University and president of Baylor Female College, in 1871. This building was constructed in 1996.
- **Ferguson Hall** named for Miriam Amanda "Ma" Ferguson, a former student of the late 1800s and first woman governor of Texas. This building was constructed in 1996.
- **Garner Hall** named for the late John Hood Garner and Alleen Weatherford Garner, longtime residents of Belton. This building was constructed in 2010.
- **Grover Hall** named for the late O. Stanley and Blanche Grover, avid supporters and recruiters for the university. This building was constructed in 1996.
- **Hobby Hall** named for Oveta Culp Hobby, a former student of the early 1920s, a businesswoman and first commanding officer of the Women's Army Corps. This building was constructed in 2005.
- **James Hall** named for the James family, which has maintained close ties with the university since 1885 by serving on the board of trustees, teaching, and attending the university. Eleanor James, Class of 1933, was the author of "Forth from Her Portals," a history of the first 100 years of the university in Belton. This building was constructed in 1998.
- **Provence Hall** named for Sally A. Provence, a graduate of 1937 and former professor of pediatrics at Yale University. This building was constructed in 1998.
- **Taylor Hall** named for Mattie E. Taylor, a graduate of 1910 and former member of the board of trustees. This building was constructed in 1998.
- **Tryon Hall** named for William M. Tryon, one of the original founders of the university in 1845. This building was constructed in 1998.
- **Tyson Hall** named for Dr. Arthur K. Tyson, president of Mary Hardin-Baylor College from 1954 to 1966. This building was constructed in 2005.
- **Wilson Hall** named for William A. Wilson, president of Baylor Female College from 1896 to 1911. This building was constructed in 2005.

## Points of Interest/Landmarks:

Allen International College Plaza  
Baylor Academy Gazebo Plaza  
Campus Boys Gazebo  
Class of '42-'46 People Place  
Christ in the Garden Sculpture  
Crusader Sculpture  
Forth From Her Portals Sculpture  
Fountain in Vann Circle  
Historical Park  
Intramural/Band Rehearsal Field  
Landmark Entryway  
Luther Memorial/Old Baylor Bell Tower  
Millennium Oaks Park  
Musick/Flowers Plaza  
N.B. Moon Building (Bell Baptist Association)  
Parker Prayer Garden  
Potter Gazebo  
Potts Plaza  
Senior Bell Plaza  
Student Memorial in Millennium Oaks Park  
York Sesquicentennial Plaza



# RESOURCES AND SERVICES

We have a number of 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.

## The Meadows Center For Academic Excellence

The Meadows Center for Academic Excellence (CAE) is designed to support students in their pursuit of academic success. The center is located on the second floor of the Mabey Student Success Center and provides the following services:

### Academic Support

The CAE provides individual support for students seeking assistance. Personalized success plans are developed through a partnership between the student and a CAE staff person and are intended to map clear directions for improving academic performance.

FREE tutors are provided for a variety of courses. Generally, tutors are available in the areas of English, math, religion, biology, and chemistry. Tutors from other subject areas may be secured and scheduled upon request to meet student needs. Tutors are recommended by faculty to the (CAE) Staff. Private rooms are available for tutoring or studying. A larger Study Zone provides individual study space and areas for groups to work together.

### Resources Library

College success, note taking, listening, test taking, stress management, time management, and other such topics are addressed through a number of different resources available to students upon request. Private rooms are also available for studying and tutoring.

### Registration and Orientation Program

In partnership with various campus offices, the CAE coordinates new student registration and orientation. These events include advising, registration, and an orientation program developed to help new students succeed at UMHB. Registrants are given the opportunity to visit the campus and meet with academic advisors who assist them in their pursuit of educational plans and programs.

### UMHB 1101 Freshman Seminar Student Development Course

Freshman Seminar is one semester hour credit course required of all freshmen who are new to the University of Mary Hardin-Baylor and transfer students who have less than twelve (12) transferable hours (excluding Credit by Exam, AP, CLEP, and ACT). This course must be taken the first semester the student is admitted to UMHB. The main goal of the course is to equip new freshmen with strategies for full, active participation in the process of making a successful transition to UMHB.

This required one hour credit freshman course, taught by faculty from various academic disciplines, provides an experience aimed at improving your chances for success during your first year. A variety of creative, interesting topics are available for you to choose from. This course will:

- Assist you in transitioning to UMHB;
- Provide you with an opportunity to build effective relationships through in-class and out-of-class interactions with other students, faculty, and staff;
- Equip you to take responsibility and initiative for your learning experience as both a UMHB student and a lifelong learner.

### Advising

Throughout your time at UMHB, a faculty member will serve as your academic advisor. Advisors genuinely care about your academic success and will meet with you to ensure your needs are met. The following are ways in which they may be of service to you:

- Establish a trusting, confident, professional relationship with you
- Serve as your source for information related to your major
- Assist in selecting a major and choosing classes
- Assist in solving various concerns that arise
- Refer you to other university sources when appropriate

## The Robert and Linda Black Center for Counseling, Testing, and Health Services

### Students Seeking Disability Accommodations

Students who are otherwise qualified for a university program or course and who desire accommodation(s) for a disabling condition are responsible for initiating the request directly to:

Accommodation & Student Assistance Program  
Director of Counseling, Testing & Health Services  
UMHB Box 8437  
900 College Street  
Belton, Texas 76513  
Office: (254) 295-4696  
Fax: (254) 295-4196  
Email: [nwilliams@umhb.edu](mailto:nwilliams@umhb.edu)  
<http://cths.umhb.edu/disability>

More information regarding procedures and required documentation will be provided to the student upon receipt of the student's specific request.

### Counseling

Professional and confidential clinical counseling services are available to students in need of assistance for 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. 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.



## Testing

The Testing Program provides students opportunities to receive credit in areas of demonstrated academic proficiency, which is measured utilizing credit by examination programs. When academic proficiency is demonstrated, the University is then able to grant the student appropriate advance standing, elective credit, or equivalency credit as approved by University policy. The following examinations are utilized and/or accepted in the Testing Program:

American College Testing (ACT) Program - National and Residual Assessments

Accuplacer

Accuplacer Basic Skills Test

CollegeBoard Advanced Placement (AP) Exams

CollegeBoard SAT College Admission Test

College Level Examination Program (CLEP) Exams

DANTES Subject Standardized Tests (DSSTs)

International Baccalaureate (IB) Exams

Departmental Exams

The Testing Center facilitates protocols, procedures, test administration, and the reporting of credit. These functions are in cooperation with the University Registrar and respective academic departments. The respective 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 Accuplacer and foreign language testing. 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.

For further information regarding Credit by Exam and other examinations, access the following website: <http://cths.umhb.edu/academic-testing> or contact:

UMHB Counseling, Testing & Health Services

UMHB Box 8437

900 College Street

Belton, Texas 76513

Office: (254) 295-4696

Fax: (254) 295-4196

E-mail: [nwilliams@umhb.edu](mailto:nwilliams@umhb.edu)

## Credit by Examination

### Credit for Entering Freshmen (New Students without Prior College Credit)

An entering freshman who has attained proficiency in college-level courses prior to enrollment at the University of Mary Hardin-Baylor may earn semester credit hours through the Credit by Examination programs listed below. (Refer to the current UMHB Testing Services information on-line at <http://cths.umhb.edu/academic-testing> for a complete list of approved examinations, minimum scores, additional requirements, and corresponding courses.)

1. American College Testing (ACT) Program - National Assessments Only
2. CollegeBoard Advanced Placement (AP) Examinations
3. CollegeBoard SAT College Admission Test
4. College Level Examination Program (CLEP) Examinations
5. Departmental Examinations

### Credit for Transfer Students

Credit by examination secured through another college or university by a student transferring to UMHB must meet the minimum score requirements stated in the 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.

### Credit for Currently Enrolled Students

Currently enrolled students seeking credit by examination may earn semester hours through CLEP or Departmental Examinations. (Refer to the current Testing Services policies for a complete explanation of these programs.) The following conditions must be met by such students:

1. Prerequisites for courses for which a student is seeking credit must be satisfied prior to the examination.
2. 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.)
3. Application for CLEP examinations must be made at the Counseling, Testing & Health 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.)
4. Fees must be paid for test administration and for transcription of credit awarded.

### Students in the Armed Forces

CLEP and DANTES examinations are available to students in the armed forces through the Education Center at Fort Hood.

### Policies

Official credit by examination policies are listed in the Testing Services brochure and can be obtained from the Counseling, Testing & Health Services Center or on-line at <http://cths.umhb.edu/academic-testing>. The following are some important policies:

- Credit for any course a student has previously audited, taken for noncredit, received a "D" grade in, 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.
- Processing of transcripts is accomplished by the Registrar's Office.

## Health Services Center

A vital component of the university experience for UMHB students is a healthy lifestyle. The goal of the UMHB 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 UMHB 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 UMHB Health Services Center is available at no cost to UMHB students during regular business hours, with or without an appointment. The Health Services Center is located in the Mabree Student Center.

### Student requirements:

- Once accepted for admission to UMHB, all students who are applying for campus housing must submit a housing application, which includes a Medical History form.
- Vaccinations and TB Tests (there is a nominal charge):
- Effective January 1, 2014, the State of Texas requires all first-time students &/or transfer students who are 21 years or younger to receive a vaccination for Bacterial Meningitis. The vaccine must be obtained within five years preceding enrollment or a booster is required. Written evidence of vaccination must be submitted to UMHB. A student must receive vaccination or booster at least 10 days prior to the first of class or moving into campus housing, whichever is first (Texas Education Code, §51.9192, Subchapter Z).
- If a student has been outside the US in the last year for more than a 3 week period, a TB skin test is recommended. Once accepted for admission to UMHB, international students from countries identified as "TB high-risk" (source: World Health Organization) are required to submit a negative TB test from a licensed medical professional within the United States. Results from test completed outside the United States recorded on government-issued documents are presented by the student upon arrival. UMHB reserves the right to review the source of test results to determine if they will be accepted. The test results must be dated no more than 6 months prior to the student's initial enrollment date at UMHB. Either a negative TB skin test or a negative (normal) chest x-ray report will be accepted. Test results may be included on the UMHB Medical History form or scanned and emailed separately to UMHB Health Services. The Health Center also offers the TB skin test at a nominal charge. Students are encouraged to submit proof of current immunizations for their age, as published by the State of Texas. (source: 25 TAC §§97.61; 97.63-97.72) Health Services Center contact

### Student Medical Expenses

*UMHB assumes no responsible for medical expenses incurred by students and strongly encourages all students to maintain individual medical insurance.*

*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.*

## Career Services

### Mission

The mission of Career Services, a division of Student Life, 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

### Services

Complimentary services include: Assessments; Career Coaching; Job Fairs; Crusader Successes; Career Choices & Job Posting Publications; CRU Connection online platform linking Crusaders with Employers; Internship Searches; Job Leads; Mock Interviews; Graduate and Professional School Planning; Resume Development and Research Tips. Students registering with CRU Connection and Career Services will find an action plan for their entire college career with specific tasks for each of their years of study. In addition, workshops for seniors include a fall Senior Etiquette Dinner. Career planning is a four year action plan and not to be completed several weeks prior to graduation.

### Job Postings

Career Services CRU CONNECTION hosts online listings of internships and part-time and full-time job postings, including liberal arts, business, technology, teaching positions, health care, and ministry opportunities.

### Job Fairs

Several campus job fair events are hosted each year. A full calendar of events can be found on the Career Services website.

### Interviews

Mock interview appointments are available for students and graduates to prepare for that important job interview. Career Services offers interview rooms for distance job interviews that can be reserved, one is fully equipped with a video camera and monitor.

### UMHB 4100 Career Coaching & Planning Course

Each Semester Career Services offers a Career Coaching & Planning Course for one hour academic credit to assist students in career development education. This course is designed to offer students enhanced career coaching through personalized coaching, planning and course of action with opportunity for independent study. Activities and assignments are designed to meet personal career calling and planning.

### Resources

Valuable career resources are available in the form of Career Services website, workshop presentations, and Career Planning Guides, and Graduate School. Other internet tools include Cru Career Spots, career libguides with the Townsend Memorial Library, Strong Interest Inventory, Traitify Career Assessment and Going Global.

Career Services is located in the Mabree 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

<http://careerservices.umhb.edu>

## **Townsend Memorial Library**

The University Library contains resources to support research in disciplines leading to degrees and collateral material for breadth of comprehension and leisure reading. The library acquires materials in greater depth in those disciplines for which graduate work is offered. Faculty and librarians select materials specifically to support the curriculum. Monographs, full-text journals, and databases provide infrastructure to both undergraduate and graduate research.

Library services are directed to increasing the successful delivery of pertinent information.

Professional librarians teach skills to allow the student to determine the extent of information needed from the wide array available. Effectively and critically surveying a subject to identify needed information and evaluating its validity and authority are research techniques taught in classroom and personal instruction that contribute to information literacy and lifelong learning.

The library contains total volume holdings of over 209,000 items, including books, audiovisual materials, and electronic books. More than 125 subscription periodical databases are available for scholarly research. The library subscribes to about 500 print journals and there is online access to more than 140,000 full-text journals. NetLibrary provides about 27,000 electronic book titles which are searchable through the library's online catalog.

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, physical therapy 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 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

Activities for students are planned and coordinated through the Office of Campus Activities (Information Station located in the Bawcom Student Center). This office posts information about all of its events on UMHB's online calendar. This calendar can be found at <http://www.umhb.edu/events.html>. Anyone with questions about events may call the Campus Activities Office at (254) 295-5150 for more information. Many of these activities such as Easter Pageant, Play Day, Charter Day, and most sports events, movies, and concerts are free to UMHB students. Other activities such as play-off games, Miss Mary Hardin-Baylor Pageant, as well as, off-campus events such as snow skiing, bowling, etc. may require a fee. The Campus Activities Board is a student organization that plan and staff many different activities and concerts for students and their families throughout the year. Membership is open to all students.

## Cultural Affairs/Community Service

UMHB values 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.

## Residence Life

UMHB operates seven residence halls and three apartment-style complexes and each of these has a Resident Director on-site to manage the facility. These Resident Directors (RDs) are full-time, live-in professionals each managing a staff of Resident Assistants who are undergraduate students living and working throughout each building. 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.

## Spiritual Life - Campus Ministries

The University of Mary Hardin-Baylor strives not only to provide the student with a quality education, but also to prepare students to experience a higher quality of life. Where excellence in academics can help provide a good standard of living, the expression of Christian values can enable one to appreciate the purpose of life. Life is more enjoyable when one is aware of God's purpose and actively pursues God's will for his/her life. Because of this, worship and ministry through one of the local churches is recognized as constituting part of a normal, healthy college experience. Mary Hardin-Baylor welcomes students of all faiths and denominations.

Campus ministries available for student involvement include: a campus revival held in the spring, Missions Emphasis Week, stateside and international mission trips including an annual mission trip to England, and community service opportunities. Campus Ministries provides student-led Bible studies, prayer groups, and worship experiences. Students are encouraged to get involved in local and global ministry opportunities during their time at UMHB.

**Baptist Student Ministry** - The Baptist Student Ministry (BSM) at UMHB is the oldest organized in Texas. It is the local expression of university outreach by Texas Baptists, serving cooperatively with the Center for Collegiate Ministry. The BSM is student led under the servant leadership of the Ministry Leadership Council. BSM is Christ-centered, church-related, community-oriented, and globally minded while intentionally pursuing, and proclaiming Jesus in the university environment.

The BSM provides involvement in local ministry (children, housing projects, poverty/hunger, hospital, abused victims and elderly), missions (urban, Christmas Projects, Spring Break, summer, prayer, Missions Emphasis Week), worship (ONE, spiritual formation and prayer groups), evangelism (on and off campus), discipleship (Disciple Now and small groups) and fellowship (accountability and support). There are specific ministries for freshmen (Freshman Ministry), men (Campus Men), women (IMAGE), and internationals. New ministries are offered when student leadership arises (such as drama team and environmental ministry). BSM regularly sponsors and informs students about conferences, retreats, special events, and other opportunities.

**Additional Opportunities for Spiritual Formation** - Other opportunities for spiritual development are available in the residence halls, Catholic Student Organization, Fellowship of Christian Athletes, Young Life, Nurses' Christian Fellowship, Crusaders for Christ (for any and all students going into ministry), Reaching Out (service days), various Bible studies on campus, and local church ministries with students. Mission experiences are available over Christmas break, Spring Break, and during the summer. Summer options also include serving in churches and Christian camps.

## Student Organizations

UMHB has approximately sixty-five chartered student organizations, including religious and cultural organizations, academic and honor societies, leadership and service clubs, and sport and spirit clubs. All organizations seeking recognition must be approved by the Student Government Association and ultimately the President of Mary Hardin-Baylor. It is the policy of the University not to grant official recognition to any organization which promotes goals or purposes inconsistent with the goals and purposes of the University. Faculty and staff serve as advisors and represent UMHB in all planned activities involving the organization or their members. The Office of Student Organizations provides support and other needed services to student organizations, their leaders, advisors, and members..

# COURSE DESCRIPTIONS

## Chapel (UMHB 1002)

A complete education includes experiences that seek to develop the mind, body, and spirit. Chapel attendance, therefore, 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 (no grade) for chapel attendance. Informative and inspirational programs are presented which include music, testimonies, speakers, missions, and other special emphases. Students must register to attend one chapel per week. Attendance is checked at each chapel. **To register for chapel, you must sign up for course number UMHB 1002.** Regular chapel programs are held each Wednesday at 10:00 a.m. and 11:00 a.m. in the W.W. Walton Chapel. All students, faculty, and staff are invited to attend.

### Chapel Attendance Requirements

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.

Satisfactory chapel attendance requirements are as follows:

1. **Incoming Freshmen** (or transfer students with less than thirty semester hour credits accepted by UMHB) must acquire four semesters of chapel credit at the University of Mary Hardin-Baylor.
  2. **Transfer Students**
    - a. **Sophomores** (students with thirty to fifty-nine semester hour credits accepted by UMHB) must acquire three semesters of chapel credit.
    - b. **Juniors** (students with sixty to eighty-nine semester hour credits accepted by UMHB) must acquire two semesters of chapel credit.
    - c. **Seniors** (students with ninety or more semester hour credits accepted by UMHB) must acquire one semester of chapel credit during the first semester of attendance at UMHB.
- \*\*Students who transfer from other Baptist institutions will be given credit for chapel according to the number of semesters for which they have credit on their transcript. Credit is not given for the number of chapels they were required to attend each week. It is given only for the number of semesters they attended chapel. For students who transfer from institutions other than Baptist who were required to attend chapel, credit will be given only after approval from the Dean of Students.**
3. Chapel attendance is mandatory. Three unexcused absences each semester are allowed and should be used for doctor's appointments or other health and family emergencies. An additional three unexcused absences may be made up in the Student Development Office before the last week of the semester.
  4. If attendance records indicate that a student did not attend the required number of chapels, or did not make up the absences, that student will receive a non-credit for chapel 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 kept in the Student Development Office. **If a student feels that an error has been made, he/she has until the first two weeks of the following semester to question the accuracy of the records.**
  5. Non-degree seeking students are not required to fulfill chapel requirements. Non-degree seeking students shall be defined as follows:
    - a. Students entering UMHB on Non-Degree Admissions application form.
    - b. 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).
6. Part-time students are to begin fulfilling chapel requirements the first semester they take twelve or more semester hours. They shall be expected to take chapel each semester thereafter, during which they are considered full-time students (not to exceed requirements as stated in sections A & B).

### Alternative Chapel Request

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. Satisfactory chapel attendance requirements are as follows:

1. **Incoming Freshmen** (or transfer students with less than thirty semester hour credits accepted by UMHB) must acquire four semesters of chapel credit at the University of Mary Hardin-Baylor.
2. **Transfer Students**
  - a. **Sophomores** (students with thirty to fifty-nine semester hour credits accepted by UMHB) must acquire three semesters of chapel credit.
  - b. **Juniors** (students with sixty to eighty-nine semester hour credits accepted by UMHB) must acquire two semesters of chapel credit.
  - c. **Seniors** (students with ninety or more semester hour credits accepted by UMHB) must acquire one semester of chapel credit during the first semester of attendance at UMHB.

**\*\*Students who transfer from other Baptist institutions will be given credit for chapel according to the number of semesters for which they have credit on their transcript. Credit is not given for the number of chapels they were required to attend each week. It is given only for the number of semesters they attended chapel. For students who transfer from institutions other than Baptist who were required to attend chapel, credit will be given only after approval from the Dean of Students.**

3. Chapel attendance is mandatory. Three unexcused absences each semester are allowed and should be used for doctor's appointments or other health and family emergencies. An additional three unexcused absences may be made up in the Student Development Office before the last week of the semester.
4. If attendance records indicate that a student did not attend the required number of chapels, or did not make up the absences, that student will receive a non-credit for chapel 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 kept in the Student Development Office. **If a student feels that an error has been made, he/she has until the first two weeks of the following semester to question the accuracy of the records.**
5. Non-degree seeking students are not required to fulfill chapel requirements. Non-degree seeking students shall be defined as follows:
  - a. Students entering UMHB on Non-Degree Admissions application form.
  - b. 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).

6. Part-time students are to begin fulfilling chapel requirements the first semester they take twelve or more semester hours. They shall be expected to take chapel each semester thereafter, during which they are considered full-time students (not to exceed requirements as stated in sections A & B).

### Alternative Chapel Attendance Policy

Students taking Alternative Chapel must make every attempt to attend all required sessions. In case of emergency, arrangements should be made with the Dean of Students for a make-up of the time missed.

## **Chapel Registration**

When a student registers for classes, he/she should register for chapel. Chapel attendance will be electronically recorded by scanning student identification cards. Direct any questions regarding chapel registration to the Student Development Office at (254)-295-4590.

## **Excused Absences from Chapel**

Chapel absences will be excused for authorized field trips. A list of students participating will be presented to the Provost's Office by the faculty advisor. Requests for excused absences should be directed to the Dean of Students.

## **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 the beginning of their first semester as a full-time student. By doing this requirement conflicts will be avoided.

## **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 an FAE Committee appointed from the CVPA by the Provost.

## **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. FAE attendance is mandatory, if attendance records indicate that a student did not attend the required number of FAE events, or did not make-up the absence, they 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 Director of the Fine Arts Experience in the College of Visual and Performing Arts. If a student feels that an error has been made, he/she has until the first two weeks of the following semester to question the accuracy of the records.

To receive credit the student must be scanned out of the event.

## **Freshman Seminar (UMHB 1101)**

Freshman Seminar is one semester hour credit course required of all freshmen who are new to the University of Mary Hardin-Baylor and transfer students who have less than twelve (12) transferable hours (excluding Credit by Exam, AP, CLEP, and ACT). This course must be taken the first semester the student is admitted to UMHB. The main goal of the course is to equip new freshmen with strategies for full, active participation in the process of making a successful transition to UMHB.

This required one hour credit freshman course, taught by faculty from various academic disciplines, provides an experience aimed at improving your chances for success during your first year. A variety of creative, interesting topics are available for you to choose from. This course will:

- Assist you in transitioning to UMHB;
- Provide you with an opportunity to build effective relationships through in-class and out-of-class interactions with other students, faculty, and staff;
- Equip you to take responsibility and initiative for your learning experience as both a UMHB student and a lifelong learner.

## **Peer Mentor Seminar (UMHB 1202)**

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.

## **Career Coaching & Planning (UMHB 4100)**

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. Course content will include interest assessments, review of what careers match the student's major, mock interview, and creation of professional cover letters and resumes. In addition, students will learn how to network, conduct successful job searches, and best use of social media. A course of study for any student and major.



# 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 fourth or fifth 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 Professor at UMHB: Vignette Award, All Literature Award, and Poetry Award.

**Business Computer Information Systems Faculty Award:** Presented annually to a senior pursuing a Business Computer Information Systems Department major that has demonstrated exceptional leadership, scholarship, integrity, and potential for becoming a distinguished leader in his/her profession. High academic performance, exceptional character, successful practical work performance, and service to the computer departments are major considerations in recipient selections.

**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.

**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.

**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.

**EXSS Major of the Year Award:** The Exercise Sport Science "Major of the Year" award is presented annually to a senior pursuing an Exercise and Sport Science Department 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 to the winner of Sigma Tau Delta's contest for 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 MBA Student Award:** Presented annually to a Master of Business Administration student 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 MSIS Student Award:** Presented annually to a Master of Science in Information Systems student 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 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 with either a Cell Biology or Organismal Biology emphasis. 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 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 Business Systems Award:** Presented annually to a Business Systems senior 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 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 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 Entrepreneurship Award:** Presented annually to an Entrepreneurship senior 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 Finance Award:** Presented annually to a Finance senior 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 International Business Award:** Presented annually to an International Business senior 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 Investment Management Award:** Presented annually to an Investment Management senior 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 Management Award:** Presented annually to a Management senior 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 Marketing Award:** Presented annually to a Marketing senior 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 Multimedia and Information Technology Award:** Presented annually to a Multimedia and Information Technology senior 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 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.

**Outstanding Student in Technology & Training Award:** Presented annually to a Multimedia and Information Technology senior 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 Foundation Award:** Awarded annually by the Presser Foundation to institutions with recognized quality Music programs. The award is to be given, based on selection by the Music Faculty, to an outstanding Music major at the end of his/her junior year.

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

**Teacher Education Committee Award:** Presented to the student who has demonstrated scholastic ability (top fifteen percent in grade point average of those students graduating and certified to the Texas Education Agency for a Teaching Certificate) and, in the opinion of the Teacher Education Committee, possesses the traits and demonstrates the attitudes most representative of the teaching profession.

**The UMHB McLane College of Business Bloomberg Business Week Writing Awards:** These awards, sponsored by the international business publication company, Bloomberg L.P., are awarded to three McLane College of Business students on the basis of a research paper competition. Winning papers are chosen by the McLane College of Business faculty on the basis of writing excellence and the papers' contribution to Business Academic Scholarship.

**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 in biblical Hebrew, and who participates in Eta Beta Rho (the National Scholastic Honor Society for Students of Hebrew Language and Culture).

## 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:

First: To the most outstanding Christian woman whose influence has been most helpful to the entire student body and to the University as a whole. She is chosen by a representative committee of the faculty, appointed by the President of the University.

Second: To the student who makes the most progress in English during the school year. The recipient shall be selected by members of the English faculty of the University.

Third: To the student, the daughter of a minister or a missionary, whose life and influence most measure up to the standards and ideals of the University. This woman is to be selected by the University Chaplain, the Dean of Students, the Provost/Vice President for Academic Affairs, and the President 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, refer to the graduate catalog.)

(For Competency-Based Education (CBE) admissions standards, refer to the 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.

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 Admissions Office will notify all applicants of admission decisions. If formal notification of admission has not been received, the applicant should contact the Admissions Office.

The application for admission is a student's affirmation that he/she will comply with all University rules and policies.

All admission forms and correspondence should be addressed to:

University of Mary Hardin-Baylor  
Office of Admissions  
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

Admitted undergraduate students planning to live in University housing must submit a campus housing application with the required \$300 Enrollment Deposit. Housing is available on a first-come, first-served basis. Applications are made available to students upon acceptance. A completed housing application includes the following: the Enrollment Deposit, a completed Report of Medical History form (which is part of the housing application), and the required meningitis vaccine documents. A Report of Medical History form is required of all University housing students before moving into the facility. Effective January 2, 2012, 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 be obtained within five years preceding enrollment or a booster is required. Written evidence of vaccination must be submitted to UMHB. A student must receive vaccination or booster at least 10 days prior to the first of class or moving into campus housing, whichever is first (Texas Education Code, §51.9192, Subchapter Z). Students who have not had the meningitis vaccine at least ten days prior to the opening of campus housing will not be allowed to take occupancy of the assigned space. Residence living requirements: Students at UMHB are required to reside in campus housing unless they meet one of the following criteria: will live with a spouse, parent, or legal guardian within commuting distance of the campus; have 48 or more accumulated hours and/or 21 years of age; will attend the University as a part-time student. This policy applies to fall/spring semesters only.

**Note: Admission to or completion of an undergraduate or graduate program does not guarantee licensure by any state licensing board.**

## 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

1. Applicants who enroll the semester following high school graduation or have no college hours must:
  - a. Rank in the top 1/2 of their high school graduating class and score a minimum OLD SAT of 950 (critical reading plus math) or NEW SAT of 1070, or minimum ACT of 20
  - OR**
  - Rank in the lower 1/2 of their graduating class and score a minimum SAT of 990 (critical reading plus math), or minimum ACT of 21
  - OR**
  - Rank in the top 10% of their high school graduating class from an accredited high school with no minimum SAT or ACT score.
  - b. Submit an ACT writing sample or SAT writing sample; required for advising purposes.
  - c. Students who have graduated from a regionally accredited or state accredited high school with 24 units [15.5 units of which must be of the following: English (4), Social Studies (3.5), Science (3), Foreign Language (2), and Mathematics (3)] or completed equivalent credits from a home school curriculum or received the General Education Diploma (GED) with a minimum score of 150 on each of the four exams.
2. A limited number of students may be admitted on conditional admission by consent of the Admissions Committee. An interview may be required.
3. Applicants must submit:
  - a. An application for admission with application fee of \$35 (non-refundable).
  - b. An official ACT or SAT score report. [For more accurate academic advising and awarding of credit based on subject scores, an official score report from the American College Testing (ACT) Program is needed.] Freshmen age 25 or older that rank in the upper half of their high school graduating class will not be required to take the ACT or SAT. Freshmen age 25 or older that do not rank in the upper half of their high school graduating class have the option of being admitted on academic probation or taking the ACT or SAT while meeting the regular admission requirements.
  - c. Students who have graduated in the year 2017 and earlier from a regionally accredited or state accredited high school with 24 units [15.5 units of which must be of the following: English (4), Social Studies (3.5), Science (3), Foreign Language (2), and Mathematics (3)] or completed equivalent credits from a home school curriculum or received the General Education Diploma (GED) with a minimum score of 150 on each of the four exams.

- d. Students who have graduated in the year 2018 and later from a regionally accredited or state accredited high school 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), 3 credits of Social Studies (US History, 0.5 credits US Government, .05 Economic, and a World History or World Geography).1 credit of Physical Education, 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 and one endorsement].
- e. Completed equivalent credits from a home school curriculum.
- f. Received the General Education Diploma (GED) with a minimum score of 145 on each of the four exams.
2. A limited number of students may be admitted on conditional admission by consent of the Admissions Committee. An interview may be required.
3. Applicants must submit:
  - a. An application for admission with an application fee of \$35 (non-refundable).
  - b. An official ACT or SAT score report. [For more accurate academic advising and awarding of credit based on subject scores, an official score report from the American College Testing (ACT) Program is needed.] Freshmen age 25 or older that rank in the upper half of their high school graduating class will not be required to take the ACT or SAT. Freshmen age 25 or older that do not rank in the upper half of their high school graduating class have the option of being admitted on academic probation or taking the ACT or SAT while meeting the regular admission requirements.
  - c. (for early acceptance) A high school transcript indicating current class rank and ACT or SAT scores. The transcript must be sent at the end of the fall semester of the student's senior year.
  - d. An official final high school transcript after graduation that indicates graduation date and class rank.

### 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.)**

1. Applicants must:
  - a. Be transferring credits from a regionally accredited college or university.
  - b. Have an overall grade point average 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.
  - c. Not be on scholastic or disciplinary suspension from any college or university.
2. Applicants must submit:
  - a. An application for admission with application fee of \$35 (non-refundable).
  - b. 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.
3. A limited number of students with a grade point average between 1.5 and 1.99 may be admitted on probationary status. Students with a grade point average of less than 1.5 will not be admitted. Written appeals will be sent to the Admissions Committee for further consideration. See Probation for more information.
4. Admission status will be based on overall transfer grade point average and academic standing at the last college/university attended.

### Students Seeking Teacher Certification

Students who already have a degree and are seeking teacher certification must meet the requirements outlined above for transfer students.

### 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 Admissions Office 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 Committee to study at UMHB. Applicants are required to notify the Admissions Committee as to their plans to seek a degree from UMHB.

### Select Program

The University will admit to full-time student status qualified students who have completed their junior year of high school and who wish to forego their last year of high school in order to substitute a year of college study in a degree program. These students must, of course, have exceptional ability. Contact the Admissions Office for details about the program.

### 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 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 Admissions Office with an official transcript reflecting only the last degree acquired. Non-degree students are not eligible for financial aid. See “\*Note” 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 “\*Note” 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. 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".

**\*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.**

## 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 a notarized Affidavit of Educational Support (I-134) 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.
3. 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 to the Admissions Office. Students wishing to submit undergraduate transcripts 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.
4. Submit a score report from a university recognized English proficiency exam. UMHB accepts reports from Test of English as Foreign Language (TOEFL), and International English Language Testing System (IELTS), and Pearson Test for English (PTE).
5. Submit a copy of the passport identification page. Passport must show validity at least 6 months from the expected date of enrollment.
6. Submit the following fee (in U.S. dollars):  
\$135 Application Fee (Not 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 prices.

#### Once accepted for admission, all international students are required to:

1. Submit a completed Medical History form.
2. If living in campus housing, submit completed University Housing Reservation form - including Medical History form and validation (copy of shot records) of the meningitis vaccine (Menactra).
3. For students from countries identified as "TB High Risk" as published by the World Health Organization: submit validation of a negative TB skin test and/or report of negative (normal) chest x-ray - must be no more than within 6 months prior to initial enrollment.

## General Academic Requirements

Students who are seeking a major or an approved academic program offered by Mary Hardin-Baylor will be considered for admission. All degree-seeking students will be required to meet University degree requirements to include chapel requisites and six semester hours of religion courses. Students will be allowed to continue in enrollment only if they maintain good academic progress.

## I-20

This U.S. Immigration Student Eligibility form will be issued only after all conditions of the application process have been met. Mary Hardin-Baylor is an Academic School, and no I-20 will be issued to any student for the sole purpose of aiding the student in avoiding military service in his/her home country.

## Transportation

The major international airport serving Central Texas is the Dallas/Fort Worth International Airport. Commuter flights are available from this international airport to the local airports in Killeen (32 miles from campus) and Austin (50 miles from campus). Cab transportation may be obtained at the airports. Bus transportation to Belton is another option.

## Money

Students are encouraged to carry travelers' checks or cashier checks. Money may be deposited in a local bank. Advanced fees, tuition, and room and board must be paid in U.S. dollars or negotiable instruments.

## Payment of Accounts

Full payment is required at time of enrollment. All international students must preregister for any succeeding semester, and their account must be paid in full by the close of business on the Friday after the normal registration period.

Students may use cash, traveler's checks, or credit card for payment. All payments made directly from a financial institution outside the United States must use the Peer Transfer network. Enrollment in the Peer Transfer network should be completed before arrival in the United States. Detailed instructions are available at [umhb.peertransfer.com](http://umhb.peertransfer.com) **Please note this is a UMHB specific site and may be used only for tuition/fee payments to the university.**

#### Mail all Correspondence to:

University of Mary Hardin-Baylor  
Director of International Student Services  
UMHB Box 8367  
900 College Street  
Belton, Texas 76513  
USA

## English Proficiency Guidelines

### Overview

UMHB does not offer a full-time English for Speakers of Other Languages (ESOL) program. Some students may require ESOL classes in addition to degree credit classes in order to succeed in university level classes. Therefore, an English language proficiency test must be submitted as part of international admissions requirements.

Students who have completed high school courses in an English-language program or who complete an interview with the ESOL program director may be exempted from submitting an English language proficiency score report. Documentation of the high school language of instruction is required. This exemption does not apply to ESOL class requirements unless specifically granted by the ESOL program director.

Graduate international students must submit a TOEFL or IELTS score as a part of their application. Students whose scores do not meet the minimum requirements for admission to graduate academic work may be required to enroll in ESOL classes.

If the score is above the requirements for admission to the undergraduate or graduate programs (as described below), the student will be admitted to his/her academic program without further ESOL restrictions.

### English Language Proficiency Standards for Admission to Graduate and Undergraduate Programs

All students are required to submit an English language score report as part of the admissions application. UMHB will not accept students scoring below 40 (iBT) or below 10 on all sections of the TOEFL and/or 3.5 or below on all sections of the IELTS.

Students who score above the minimum scores of 40 (iBT) or 3.5 (IELTS) will be considered for admission and are required to take ESOL testing at UMHB before enrollment is finalized. Please see below for score requirements to enter degree credit classes without further evaluation.

### Admission to Undergraduate Programs without ESOL

The minimum scores required to enter academic classes bearing credit toward graduation:  
TOEFL=At least 80 (iBT) with at least 20 in each band.  
IELTS=At least 6 in each band.

Graduate students must submit a TOEFL or IELTS score as a part of their application. English language proficiency standards are different for admission to graduate programs due to the rigor of the academic work. The standards for graduate students to enter the academic program of his/her choice without any ESOL restrictions are below.

If an international student has attended an English-speaking college or preparatory school prior to admission to UMHB, the ESOL requirements may be waived. Please contact the Chair of the MFL Department for information regarding waivers.

### Admission to Graduate Programs without ESOL

The minimum scores required to enter academic classes bearing credit toward graduation:  
TOEFL=At least 100 (iBT) with at least 25 in each band.  
IELTS=At least 7 in each band.

### Students Who Do Not Meet English Language Placement Standards for Admission to Undergraduate or Graduate Programs without ESOL support

Upon arrival, the student will be given a 3-part English placement test. Parts 1 & 2 are the Listening and Reading Comprehension components. Part 3 is a writing sample administered and graded by UMHB faculty. Students are scored on accuracy of grammar, coherence of writing, and skilled use of written English. Based upon the results of placement testing, students will be enrolled in the appropriate combination of ESOL and/or academic courses.

Several ESOL classes of 3 credit hours are offered: Grammar, Reading, Writing, and Oral Communication. In addition, there are basic, intermediate, and advanced levels of each class to meet student needs. ESOL tuition is 50% of the cost of undergraduate tuition.

In order to progress from the ESOL program to other classes, a student must meet ALL of the following exit requirements:

1. Score at or above the designated cut-off on the English Proficiency exam.
2. Score at least 75% in all ESOL classes.
3. Pass an oral interview with a team of UMHB faculty members.

The interview team will evaluate the communication skills of the student and make the decision as to whether the student can be released to all regular classes or remain in a specified number of ESOL courses. Students must enroll in all ESOL courses recommended by this interview team.

Until a student has completed the ESOL requirements, the Registrar's Office will maintain a hold on the student's registration. While the hold is in effect, registration must be approved by the Chair of the MFL Department or designee.

After an ESOL student has completed these exit requirements, he/she will be released from the ESOL program, the hold will be released and the student will be awarded a certificate indicating completion of the ESOL program.

### Standards for Continued Enrollment

Undergraduate Students: 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 maintain enrollment.

Graduate Students: If, after completion of the advanced level ESOL classes, a student does not meet the ESOL exit requirements for all skills (listening, reading, and writing), he/she will be unenrolled from some or all classes and will be evaluated by an academic committee for continuation in the graduate program.



# FINANCIAL AID

The University of Mary Hardin-Baylor makes available 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). Certain 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 is in **good academic standing**. 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 aid; however, the priority date is December 1st of each year.

## Application Procedures

Students applying for financial aid must complete the following steps:

### 1. Process a Free Application For Federal Student Aid (FAFSA):

This is a form that determines the family's ability to contribute to the student's education. The completed form can be completed electronically via the internet at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

**2. Submit the following paperwork (if requested):** 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](http://myfinancialaid.umhb.edu) under the "documents" tab.

**3. The UMHB Financial Aid Office** will follow up with an email request asking for other forms and documentation that may be required of the student in order to verify information provided on the Free Application For Federal Student Aid.

All electronic communications, including scanned documents should be sent to [finaid@umhb.edu](mailto:finaid@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

**\*Note: A student's financial aid application may be processed on an estimated basis until all required documentation is submitted.**

## Awarding Policy

The Free Application For Federal Student Aid uses a federal formula to determine an amount which the family and/or the student is expected to contribute towards the student's expenses. This family contribution amount is then deducted from the student's budget which estimates all reasonable and moderate expenses for the period of enrollment.

Once the maximum amount of aid eligibility has been 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 AWARD Letter. The student may accept the package in part or in whole. If certain programs are rejected, they will not necessarily be replaced with aid dollars from other programs. **The AWARD Letter must be accepted through <http://myfinancialaid.umhb.edu> by the stipulated timeframe 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 will result in a hold placed on the student's account and/or transcript.

## Refund/Repayment Policy

A financial aid recipient withdrawing from the university and receiving a refund from the UMHB Bursar's Office in accordance with the policy listed under the Financial Information section in this catalog may be required to repay institutional aid to UMHB with the refund. The percentage of institutional aid repaid to UMHB will be based upon the percentage of refund received by the student. (i.e. Students receiving 80% tuition refund will repay 80% of the institutional aid.)

State and federal financial aid will be returned in accordance with governmental regulations upon a student's withdrawal. State financial aid will be returned to the state in a declining percentage through the first four weeks of a semester.

Title IV Funds (Federal financial aid) must be returned through 60% of the semester. (i.e. A student withdrawing at the midpoint of a semester must return 50% of Title IV funds received.)

The return of Title IV funds by UMHB due to the withdrawal of student before completing 60% of a semester will result in an amount being owed to UMHB by the student.

## Satisfactory Academic Progress 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. This policy reflects the changes to federal regulations that are effective as of July 1, 2011.

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 75% of credit hours attempted (also known as, "meeting SAP").

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

- Merit based academic scholarships also have minimum GPA requirements to maintain each semester.

- Tuition Equalization Grant (TEG), a Texas resident need-based program, students must complete a minimum 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 1.80 CGPA: undergraduates before their 4th semester of attendance

Minimum 2.00 CGPA: undergraduates after their 4th semester of attendance

Minimum 3.00 CGPA: graduate students

## **Pace**

Satisfactory academic progress 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 75% in order to meet SAP. The maximum timeframe 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.

## **Warning Period**

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

During the warning period, students may continue to receive financial aid. At the completion of the warning period, students who do not meet SAP are ineligible for financial aid. The Financial Aid Office will notify students at the end of the warning payment period (semester) if they failed 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 the appeal process.

## **Probation Period**

If a student is placed on Suspension, he/she has the option of appealing the suspension through the SAP appeal process. If the appeal is granted, the student will be placed on Probation for the next semester, and the student must bring his/her SAP eligibility to Good Standing status during the semester or be placed on Suspension. While on Probation, the student may continue to receive financial assistance if he/she is otherwise eligible.

## **Suspension**

If a student was previously under a Warning or Probation SAP status and fails to meet SAP eligibility requirements during the next semester, the student's status will be placed on 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 Suspension may appeal this decision through the appeal process.

## **Appeal process**

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

- Submit appeal to the Financial Aid Office
- Student must state why he or she failed to meet SAP requirements
- Student must state what has changed so that he or she will meet SAP at the next review (semester)

Step Two: The Financial Aid Office will:

- Review the appeal
- Send results of appeal to the student
- Approved 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 an extended period of time
  - Consequences for not meeting terms of approval
- Approved appeals will result in financial aid being awarded for the payment period
- Denied appeals include:
  - Reasons for denial
  - What the student must do to meet SAP
- Denied appeals will not be awarded financial aid until SAP is met

Step Three: Students must continue to meet terms, as established, until SAP is met in order to continue receiving financial aid on a probationary basis. Once SAP is met, student is no longer considered to be on probation. Failure to maintain SAP thereafter will result in receiving an additional warning for the upcoming payment period (semester).

## **Transfer Credits**

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

- Assumes all accepted credits will be at least 2.0 GPA
- Counted in next evaluation period following receipt and review of transcript
- Incoming transfer students transfer in, meeting 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 include its own developmental coursework toward credit hours.

## **Incomplete Grades**

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

## **Repeating Classes**

- Passed, may retake one time to improve GPA, included in the SAP review
- Passed previously, but not with the required departmental GPA, may retake as necessary and still included in the SAP review
- Failed, may retake as necessary, included in the SAP review



## Withdrawing from the University

Prior to the census date – No impact on SAP as no credit hours have been attempted.

After census date – Credit hours attempted and included in the SAP review.

## 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. All are based upon the student's need:

**Federal Pell Grant** - This grant can be applied for when a student completes the Free Application For Federal Student Aid (FAFSA). The Pell Grant Program processes the information reported, then the student's Expected Family Contribution (EFC) is determined and reported back to the student on an Institutional Student Information Report (ISIR). The amount of the grant is based upon the EFC, enrollment status, and cost of attendance. Funds awarded are directly credited to the student's UMHB account.

**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 and will show the smallest of family contributions. This program is funded only in a limited manner. Funds awarded are directly credited to the student's UMHB account.

### Federal Direct Loans -

- Federal Direct Subsidized Student Loan

This is a federally insured loan. Student 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)

### Federal Loan Borrowing Limits

**Dependent Students** (except 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.
Second-Year Undergraduate Annual Loan Limit	\$6,500—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.
Graduate or Professional Students Annual Loan Limit	Not Applicable (all graduate and professional students are considered independent)
Subsidized and Unsubsidized Aggregate Loan Limit	\$31,000—No more than \$23,000 of this amount may be in subsidized loans.

**Independent Students** (and dependent undergraduate students whose parents are unable to obtain PLUS Loans)

First-Year Undergraduate Annual Loan Limit	\$9,500—No more than \$3,500 of this amount may be in subsidized loans.
Second-Year Undergraduate Annual Loan Limit	\$10,500—No more than \$4,500 of this amount may be in subsidized loans.
Third-Year and Beyond Undergraduate Annual Loan Limit	\$12,500—No more than \$5,500 of this amount may be in subsidized loans.
Graduate or Professional Students Annual Loan Limit	\$20,500 (unsubsidized only)

Subsidized and Unsubsidized Aggregate Loan Limit	\$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.
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**Federal Direct Parent Loan for Undergraduate Students (PLUS)** - Parental based loans that an undergraduate student may qualify for 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 receive

**Federal Work-Study** - This college work program (need based) allows a student to work on campus at the prevailing minimum wage. Students on Federal Work-Study are also eligible to apply for 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 award letter. Time sheets are completed online daily and require the student's supervisor's approval. Checks are issued bi-monthly through the Bursar's Office and will be used to pay any outstanding balance on the student's account. If the student does not have an outstanding balance, the check will be issued directly to the student.

### State Programs

**Tuition Equalization Grant (TEG)** - This is a need-based grant which requires that recipients be Texas residents and enrolled full-time. Application for this grant is made through the Financial Aid Office. Funds are awarded on a first come first served basis. The Grant maximum is currently \$3,239 per academic year. Upon enrollment verification, funds are directly credited to the student's UMHB account.

**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 Fifth-Year Accounting Student Scholarship Program, and the License Plate Insignia Scholarship Program.

**Texas College Work Program** - This college work program (need based) allows a student to work on campus at the prevailing minimum wage. 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 award letter. Time sheets are completed online daily and require the student's supervisor's approval. Checks are issued bi-monthly through the Bursar's Office and will be used to pay any outstanding balance on the student's account. If the student does not have an outstanding balance, the check will be issued directly to the student.

## **Institutional Programs**

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

**Institutional Scholarships** - These funds are made available to students by the institution. Scholarships are awarded based on academic skills and/or merit. On the following pages, departmental, academic, and general scholarships are outlined in greater detail.

**Work Duty** - This college work program allows a student to work on campus at the prevailing minimum wage. 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 award letter. This program is similar to the Work Study program except that students may be hired because of special skills instead of demonstrated financial need. Time sheets are completed online daily and require the student's supervisor's approval. Checks are issued bi-monthly through the Bursar's Office and will be used to pay any outstanding balance on the student's account. If the student does not have an outstanding balance, the check will be issued directly to the student.

# SCHOLARSHIPS

## Academic Scholarship Programs

### President's Scholarship:

Criteria: ..... Minimum ACT: 31, or \*SAT: 1380, or National Merit Scholarship Finalist  
Annual \$ Amount: ..... \$60,000: \$15,000 per year  
Required GPA: ..... 3.50 (Cumulative)

### Valedictorian Scholarship:

Criteria: ..... Rank #1 in class AND have a minimum ACT of a 24 or an \*SAT of at least 1090  
Annual \$ Amount: ..... \$60,000: \$15,000 per year  
Required GPA: ..... 3.50 (Cumulative)

### Salutatorian Scholarship:

Criteria: ..... Rank #2 in class AND have a minimum ACT of a 24 or \*SAT of at least 1090  
Annual \$ Amount: ..... \$60,000: \$15,000 per year  
Required GPA: ..... 3.50 (Cumulative)

### Vice President's Scholarship:

Criteria: ..... ACT: 28-30, or \*SAT: 1260-1370  
Annual \$ Amount: ..... \$40,000: \$10,000 per year  
Required GPA: ..... 3.50 (Cumulative)

### Honor Scholarship:

Criteria: ..... Minimum ACT: 24-27, or SAT: 1090-1250, or High School Ranking: Top 10%  
Annual \$ Amount: ..... \$20,000: \$5,000 per year  
Required GPA: ..... 3.25 (Cumulative)

### Transfer Honor Scholarship

Criteria: ..... 24 transferable hours with a minimum 3.5 cumulative grade point average, or a member of a  
Phi Theta Kappa Honor Society  
Annual \$ Amount ..... \$12,000: \$4,000 per year  
Required GPA ..... 3.25 GPA

\* SAT score equals Critical Reading + Math. All students must complete the written portion for the exam, but no minimum score is required.

### Requirements for the First-Time Freshman Scholarships:

- Must have graduated from an accredited high school (if award is based on class rank).
  - Maintain full-time status (12 hours or more) each fall and spring semester.
- Final official academic transcripts must be in the student's admission file by July 1 for the fall semester or November 1 for the spring semester to be eligible.  
—Maximum eligibility is eight consecutive fall and spring semesters.  
—Scholarship criteria are subject to change each year.  
—Academic Scholarships listed above are limited to one per student.  
—Once denial of scholarship has been confirmed, the student cannot have the scholarship reinstated at a later time.

### General Scholarships

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

**Denominational Worker's Dependent Scholarship:** Students, who are children, or spouses, of Baptist denominational workers, and in good academic standing, may apply for the Denominational Worker's Dependent scholarship. Scholarship amounts are: \$1,500/yr for full time enrollment; \$1,125/yr for 3/4 time enrollment; and \$750/yr for 1/2 time enrollment. The scholarship is renewable.

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

**Loyalty Fund Leadership Scholarship:** Recipients of this scholarship are selected based upon their outstanding leadership qualities. Application should be made to the Admissions and Recruiting Office prior to the student's senior year in high school.

**Missionary Kid Scholarship:** Students who are children of missionaries may apply for this scholarship. Scholarship amounts are: \$1,500/yr for full time enrollment; \$1,125/yr for 3/4 time enrollment; and \$750/yr for 1/2 time enrollment. The scholarship is renewable.

**BGCT Ministerial Scholarship:** Texas Baptist students committed to a preaching ministry are entitled to a \$50 per semester hour tuition scholarship for students classified as a freshmen or a sophomore and \$75 per semester hour for students classified as a junior or a senior provided they meet eligibility requirements as set by the Baptist General Convention of Texas (BGCT) and UMHB.

The determination of eligibility must be verified by the Director of Church Relations. This scholarship works in conjunction with other tuition-based scholarships toward the tuition portion of a student's bill.

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

### Student Development Scholarships

**Resident Assistant Scholarship:** Recipients of this scholarship serve as assistants in campus housing. Recipients are selected through the UMHB Student Development office.

**Yell Leader Scholarship:** Recipients are selected through the Student Development office and participate in athletic events.

# 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, 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.

## Tuition Assistance

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

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. Complete admission requirements through the Go Army Ed Portal.
3. Have an evaluation of service schools/experiences completed by the Registrar's Office to determine any awarding of military credit.
4. Register for classes through the University in coordination with assigned academic advisor. Provide Certification Coordinator with a copy of UMHB class schedule.
5. Register for classes through the Go Army Ed Portal to secure available Tuition Assistance benefit.
6. Maintain satisfactory academic progress. The provisions found under the headings of "Scholastic Probation" and "Academic Suspension" in this catalog will apply.

*Note: Active Duty Servicemembers 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. Be eligible for Chapter 33 Post 9/11 veteran benefits at the 100% rate (as determined by the Department of Veterans Affairs). Chapter 33 Post 9/11 100% rate eligibility must be verified by the DD-214 Member-4 and Certificate of Eligibility (provided by the Department of Veteran Affairs).

*Note:* According to VA, Active Duty Servicemembers and their spouses are not eligible to participate in the Yellow Ribbon Program.

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 a result of our Yellow Ribbon matching grant, merit and institutional based scholarships will no longer be awarded and previously awarded merit and institutional based scholarships will be cancelled. However, 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.

# FINANCIAL INFORMATION

## Fees

The following fees are established by the Board of Trustees of the University of Mary Hardin-Baylor. Fees are reviewed annually or as the need arises. A new fee schedule is normally established June 1st of each year.

### Admission Fee

Applicants are required to pay a non-refundable application fee (\$35 U.S. Students/\$135 International Students). This fee does not apply toward tuition and is paid only once.

### 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)

Commuter \$150, applied to first semester enrolled

### Tuition

Undergraduate — \$845 per semester hour

Graduate — \$865 per semester hour

Doctoral — \$920 per semester hour

### Other Required Fees

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

General Service — \$60 per semester hour

Technology Fee — \$15 per semester hour

Transportation Fee — \$50 per semester (Fall and Spring)

Replacement Vehicle Tag — \$15

Replacement Student ID — \$10

### Special Fees

Alternative Chapel — \$25

Application of ACT Credit to Transcript — \$60 per course

Application of AP Credit — \$30

Application of CLEP Credit to Transcript — \$60 per course

Application of IB (International Baccalaureate) credit to Transcript — \$60 per course

Application of Credit By Exam to Transcript — \$15 per semester hour

Application of Nursing Escrow Courses to Transcript — \$30 per course

Application of SAT Credit to Transcript — \$60 per course

Applied Music Tuition — \$845 per semester hour

Applied Music Lab Fee — \$30 per course

Audit (lecture course only) — \$845 per course \*(non-refundable after two weeks)

Credit By Exam Examination — \$35 per semester hour

English for Speakers of Other Languages Tuition — \$422.50 per semester hour

Graduation — \$60 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

Removal of “I” (Incomplete) grade — \$25

Returned check fee — \$25

Senior examination fee — \$30

## University Housing

### Residence Halls

Room and Board Costs Per Semester

Central Bath — \$3,645

Gettys Hall

Johnson Hall

Stribling Hall

Private Bath — \$3,947

Beall Hall

Burt Hall

McLane Hall

Remschel Hall

Board Plan (Meal Plan) choices provided for Residence Hall students (Choose One):

8 Meals per week with \$325 Dining Dollars (default plan)

12 meals per week with \$225 Dining Dollars

16 meals per week with \$125 Dining Dollars

## Apartment-Style Complexes

Only students with 48 or more credit hours may reside in apartments.

(Includes \$200 Cru Cash; Meal plan not included)

College View

2 person unit \$2,700

4 person unit \$2,925

Independence Village Complex:

4 person unit \$2,955

(Clark, Ferguson, Grover, Taylor, Provence, Tryon & James Halls)

2 person unit \$3,925

(Wilson, Hobby, Tyson & Garner Halls)

Farris Hall

2 person unit \$4,145

3 person unit \$3,925

4 person unit \$3,710

Apartment / Commuter Board Plan (Meal Plan)

75 meals + \$300 Dining Dollars — \$815 + applicable sales tax

**Summer Rates** (does not include \$200 Cru Cash)

## Apartment Style Housing

Per Person \$675

## Transportation Fee

**\$25 (per summer session)**

Students taking at least 6 hours during the May — July 2016 summer sessions may qualify for free summer housing. Please contact Residence Life for more details.

## Estimated Expenses

The average cost is \$16,726 per semester or \$33,452 per year for a typical resident undergraduate. Resident student cost may vary according to room. Commuter cost is \$12,930 per semester or \$25,860 per year. Averages are based on 14 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 due dates set forth for each semester.

## Course Fees

**Disclaimer: This is the current list of approved course fees as of the date the catalog was printed. Additional course fees or modifications may be made without notice.**

### Art (ARTS)

ARTS 1310 .....	30.00
ARTS 1320 .....	30.00
ARTS 1325 .....	30.00
ARTS 2311 .....	30.00
ARTS 2320 .....	30.00
ARTS 2322 .....	30.00
ARTS 2340 .....	30.00
ARTS 2360 .....	30.00
ARTS 2370 .....	30.00
ARTS 2375 .....	30.00
ARTS 3310 .....	30.00
ARTS 3320 .....	30.00
ARTS 3322 .....	30.00
ARTS 3325 .....	30.00
ARTS 3331 .....	30.00
ARTS 3345 .....	30.00
ARTS 3360 .....	30.00
ARTS 3370 .....	30.00
ARTS 3380 .....	30.00
ARTS 4311 .....	30.00
ARTS 4320 .....	30.00
ARTS 4325 .....	30.00
ARTS 4345 .....	30.00
ARTS 4360 .....	30.00
ARTS 4375 .....	30.00
ARTS 4380 .....	30.00
ARTS 4390 .....	30.00

### Biology (BIOL)

BIOL 1140 .....	45.00
BIOL 2340 .....	35.00
BIOL 2341 .....	35.00
BIOL 2380 .....	40.00

BIOL 3110 .....	45.00
BIOL 3160 .....	35.00
BIOL 4090 .....	40.00
BIOL 4170 .....	40.00
BIOL 4191 .....	30.00
BIOL 4450 .....	325.00

### Business (BACC)

BACC 2311 .....	8.00
BACC 2312 .....	8.00
BACC 3321 .....	8.00
BACC 3324 .....	8.00
BACC 3327 .....	8.00
BACC 3335 .....	8.00
BACC 4323 .....	8.00
BACC 4332 .....	8.00
BACC 4343 .....	8.00
BACC 4395 .....	83.00

### Business (BADM)

BADM 1301 .....	8.00
BADM 2312 .....	8.00
BADM 3311 .....	8.00
BADM 3391 .....	8.00
BADM 4090 .....	8.00
BADM 4312 .....	8.00
BADM 4341 .....	8.00
BADM 4391 .....	8.00
BADM 4395 .....	83.00

### Business (BCIS)

BCIS 1301 .....	43.00
BCIS 2330 .....	43.00
BCIS 3311 .....	43.00

BCIS 3318.....	43.00
BCIS 3320.....	43.00
BCIS 3325.....	43.00
BCIS 3330.....	43.00
BCIS 3335.....	50.00
BCIS 3340.....	43.00
BCIS 3350.....	43.00
BCIS 3353.....	43.00
BCIS 3360.....	43.00
BCIS 3370.....	58.00
BCIS 3375.....	43.00
BCIS 4315.....	43.00
BCIS 4318.....	43.00
BCIS 4341.....	43.00
BCIS 4365.....	43.00
BCIS 4370.....	43.00
BCIS 4395.....	83.00
BCIS 4395.....	83.00

#### **Business (BECO)**

BECO 2311.....	8.00
BECO 2312.....	8.00
BECO 3312.....	8.00
BECO 3320.....	8.00
BECO 4342.....	8.00
BECO 4350.....	8.00
BECO 4395.....	83.00

#### **Business (BENT)**

BENT 3310.....	8.00
BENT 4360.....	8.00

#### **Business (BFIN)**

BFIN 3310.....	8.00
BFIN 3311.....	8.00
BFIN 4395.....	83.00

#### **Business (BLAW)**

BLAW 3311.....	8.00
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#### **Business (BLDR)**

BLDR 2350.....	8.00
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#### **Business (BMGT)**

BMGT 3310.....	8.00
BMGT 3321.....	8.00
BMGT 4395.....	83.00

#### **Business (BMKT)**

BMKT 3311.....	8.00
BMKT 3312.....	8.00
BMKT 4395.....	83.00

#### **Business (BQBA)**

BQBA 2301.....	8.00
BQBA 2302.....	8.00

#### **Business (BSYS)**

BSYS 3325.....	8.00
BSYS 4330.....	8.00
BSYS 4335.....	8.00
BSYS 4395.....	83.00

#### **Chemistry (CHEM)**

CHEM 1110.....	35.00
CHEM 1120.....	35.00
CHEM 1400.....	35.00
CHEM 1401.....	35.00
CHEM 1402.....	35.00

CHEM 1410.....	35.00
CHEM 1420.....	35.00
CHEM 1441.....	35.00
CHEM 3120.....	40.00
CHEM 3400.....	40.00
CHEM 3410.....	40.00
CHEM 3420.....	40.00
CHEM 3440.....	40.00
CHEM 4191.....	40.00
CHEM 4193.....	40.00

#### **Communication (COMM)**

COMM 2360.....	25.00
COMM 2370.....	25.00
COMM 3365.....	25.00

#### **Computer Science (CISC)**

CISC 2305.....	35.00
CISC 2315.....	45.00
CISC 2325.....	45.00
CISC 2330.....	35.00
CISC 3321.....	45.00
CISC 3360.....	60.00
CISC 3361.....	60.00
CISC 4324.....	50.00
CISC 4327.....	50.00
CISC 4345.....	50.00
CISC 4349.....	45.00
CISC 4370.....	35.00
CISC 4391.....	100.00
CISC 4395.....	225.00

#### **Christian Ministry (CSMN)**

CSMN 1320.....	25.00
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#### **Education (EDSP)**

EDSP 4335.....	40.00
EDSP 4336.....	40.00
EDSP 4337.....	40.00
EDSP 4338.....	100.00

#### **Education (EDUC)**

EDUC 2311.....	15.00
EDUC 4150.....	100.00
EDUC 4250.....	100.00
EDUC 4306.....	50.00
EDUC 4318.....	50.00
EDUC 4319.....	50.00
EDUC 4329.....	100.00
EDUC 4335.....	40.00
EDUC 4336.....	40.00
EDUC 4337.....	40.00
EDUC 4385.....	100.00
EDUC 4435.....	40.00
EDUC 4436.....	40.00
EDUC 4437.....	40.00
EDUC 4501.....	50.00
EDUC 4502.....	50.00
EDUC 4503.....	50.00
EDUC 4504.....	50.00
EDUC 4505.....	50.00
EDUC 4506.....	50.00
EDUC 4603.....	80.00

#### **Engineering (ENGR)**

ENGR 1310.....	50.00
ENGR 2320.....	50.00
ENGR 2345.....	50.00
ENGR 4370.....	35.00



**Exercise and Sport Science (EXAC and EXSS)**

EXAC 1101 .....	40.00
EXAC 1105 .....	25.00
EXAC 1109 .....	25.00
EXAC 1110 .....	25.00
EXAC 1111 .....	25.00
EXAC 1120 .....	25.00
EXAC 1121 .....	25.00
EXAC 1191 .....	100.00
EXAC 2110 .....	25.00
EXAC 2111 .....	40.00
EXAC 2120 .....	120.00
EXAC 2130 .....	25.00
EXAC 2131 .....	25.00
EXAC 2132 .....	25.00
EXAC 2133 .....	25.00
EXSS 2135 .....	25.00
EXSS 2191 .....	100.00
EXSS 2340 .....	40.00
EXSS 2350 .....	40.00
EXSS 3107 .....	25.00
EXAC 3120 .....	100.00
EXAC 3123 .....	75.00
EXAC 3141 .....	25.00
EXAC 3191 .....	100.00
EXSS 3384 .....	25.00
EXSS 3395 .....	50.00
EXAC 4111 .....	100.00
EXAC 4112 .....	125.00
EXAC 4191 .....	100.00
EXSS 4350 .....	50.00
EXSS 4394 .....	50.00

**French (FREN)**

FREN 1410 .....	20.00
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**Geology (GEOL)**

GEOL 1401 .....	35.00
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**Music (MUEN)**

MUEN 1010 .....	30.00
MUEN 1015 .....	30.00
MUEN 1020 .....	30.00
MUEN 1025 .....	30.00
MUEN 1030 .....	30.00
MUEN 1035 .....	30.00
MUEN 3010 .....	30.00
MUEN 3015 .....	30.00
MUEN 3020 .....	30.00
MUEN 3025 .....	30.00
MUEN 3030 .....	30.00
MUEN 3035 .....	30.00

**Music (MUSI)**

MUSI 1031 .....	30.00
MUSI 1089 .....	30.00
MUSI 1097 .....	30.00
MUSI 1100 .....	45.00
MUSI 1103 .....	45.00
MUSI 1105 .....	45.00
MUSI 1106 .....	45.00
MUSI 1107 .....	45.00
MUSI 1108 .....	45.00
MUSI 1120 .....	30.00
MUSI 1160 .....	30.00
MUSI 1162 .....	30.00
MUSI 1168 .....	30.00
MUSI 1200 .....	60.00
MUSI 1202 .....	60.00
MUSI 1203 .....	60.00
MUSI 1205 .....	60.00

MUSI 1206 .....	60.00
MUSI 1207 .....	60.00
MUSI 1208 .....	60.00
MUSI 1215 .....	60.00
MUSI 1216 .....	60.00
MUSI 1219 .....	60.00
MUSI 1300 .....	75.00
MUSI 1303 .....	75.00
MUSI 1305 .....	75.00
MUSI 1307 .....	75.00
MUSI 1308 .....	75.00
MUSI 1315 .....	30.00
MUSI 2000 .....	30.00
MUSI 2001 .....	30.00
MUSI 2002 .....	30.00
MUSI 2005 .....	30.00
MUSI 2006 .....	30.00
MUSI 2007 .....	30.00
MUSI 2008 .....	30.00
MUSI 2132 .....	30.00
MUSI 3000 .....	30.00
MUSI 3100 .....	45.00
MUSI 3105 .....	45.00
MUSI 3106 .....	45.00
MUSI 3107 .....	45.00
MUSI 3108 .....	45.00
MUSI 3109 .....	45.00
MUSI 3200 .....	60.00
MUSI 3205 .....	60.00
MUSI 3206 .....	60.00
MUSI 3207 .....	60.00
MUSI 3208 .....	60.00
MUSI 3209 .....	60.00
MUSI 3240 .....	60.00
MUSI 3300 .....	75.00
MUSI 3305 .....	75.00
MUSI 3307 .....	75.00
MUSI 3317 .....	30.00
MUSI 4000 .....	30.00

**Nursing (NURS)**

NURS 2350 .....	145.00
NURS 2460 .....	130.00
NURS 3612 .....	190.00
NURS 3620 .....	190.00
NURS 4000 .....	75.00
NURS 4516 .....	140.00
NURS 4610 .....	190.00

**Physical Science (PHSC)**

PHSC 2140 .....	45.00
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**Physics (PHYS)**

PHYS 2421 .....	50.00
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**Psychology (PSYC)**

PSYC 4090 .....	25.00
PSYC 4316 .....	30.00

**Sign Language (SGNL)**

SGNL 1410 .....	20.00
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**Spanish (SPAN)**

SPAN 1410 .....	20.00
SPAN 1420 .....	20.00

**Student Development (UMHB)**

UMHB 1005 .....	10.00
UMHB 1101 .....	35.00

## Payment of Accounts

Account balances are available on MyCampus ([www.mycampus.umhb.edu](http://www.mycampus.umhb.edu)) 24/7. Paper statements are not mailed.

Tuition, fees, and room and board charges for each academic period are due by due date set forth each semester. Students receiving any type of financial aid (scholarships, grants, loans, campus employment, etc.) must have completion of all such financial assistance from the Financial Aid Office by the due date each semester or at the time of registration if the due date has passed. Registration is not complete until the Registration and Financial Confirmation online form is completed and all financial arrangements are made with the Bursar's Office.

Payment may be on the MyCampus site with a credit card - Visa, MasterCard, American Express or Discover (credit card convenience fees of 2.5% will apply) or E-Check. Payments are also accepted in the Bursar's Office. No payments are accepted over the telephone.

Students should have available funds for the purchase of books and other supplies as these expenses are not charged on the registration bill. Credit cards may be presented for payment in the UMHB Bookstore.

Exclusive arrangements have been made with Tuition Management Systems for families who would like to make monthly payments. The monthly budget program is not a loan and carries no interest. A participation fee of \$55 enables the payer to make nine (9) equal payments to cover projected annual school costs. The first payment is due July 5, but the program may be entered into later by including all previously due payments with the application fee. For those students who will be attending only one semester, a four (4) payment plan is available for \$40. Life insurance which covers the unpaid contract amount is included with this enrollment fee.

The amount to be financed is determined by subtracting all financial aid (including campus work, if applied to account balance, and PLUS loans) from the total of tuition, fees, and room and board. Books and personal expenses may not be budgeted and must be paid for at the time they are incurred. Students may call Tuition Management Systems toll free at 1-800-722-4867 or contact via the web at [www.afford.com](http://www.afford.com) to assist them in calculating their monthly payment requirement. If a student is dropped from the monthly budget plan due to nonpayment, the balance owed on the student's account will become due immediately.

UMHB will not release transcripts until all accounts have been settled. The University also reserves the right to withhold a student's access to campus services, including MyCampus 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. UMHB may additionally withdraw a student for failure by the student to demonstrate proper responsibility in the handling of financial matters as related to the University.

Additional charges made to correct errors or omissions are payable upon receipt.

For any check not honored by a bank, a returned check fee of \$25 will be charged and check writing privileges on campus may be revoked.

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

## Late Payment Fee

Payments are due by August 1, 2016 for the Fall semester, and December 15, 2016 for the Spring semester. Summer and Minimester due dates are posted each term on the Bursar's website and in the financial notices sent to students upon registration. Students who are not enrolled in the payment plan or who do not have an approved third party payment arrangement whose account balance is \$100 or greater will be assessed a **late payment fee of \$50**.

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

## 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. A student who must drop a course because of excessive absences, poor work, or similar causes, who withdraws without notice, or who is expelled or asked to withdraw is not entitled to a refund. Failure to attend class or simply notifying an individual instructor will not be regarded as an official withdrawal.

## Refund Policy

Registration in the University is considered a contract binding the student for charges for the entire academic period. However, a student finding it necessary to withdraw from UMHB may secure an official withdrawal through the Registrar's Office. This official withdrawal must be accomplished before any consideration can be given by the Business Office to granting refunds.

**A student who must drop a course because of excessive absences, poor work, or similar causes, who withdraws without notice, or who is expelled or asked to withdraw is not entitled to a refund. Failure to attend class or simply notifying an individual instructor will not be regarded as an official withdrawal.**

**Tuition** — Tuition refunds, when approved, will be granted according to the following schedule:

### Fall or Spring semester:

- 100% refund of tuition 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.

### Summer terms:

- 100% refund of tuition prior to expiration of first 2 semester days (scheduled from first day of semester)
- 80% refund of tuition prior to expiration of first 4 semester days (scheduled from first day of semester)
- 60% refund of tuition prior to expiration of first 8 semester days (scheduled from first day of semester)
- 40% refund of tuition prior to expiration of first 10 semester days (scheduled from first day of semester)
- No tuition refunds will be made after the end of the 10th semester day counted from the first day of the semester. Refunds for courses other than

regular day classes will be prorated.

**Fees** — No refund will be made on required or special fees.

**Room** — No refund will be made on room charges since rooms are contracted for an entire academic period.

**Board** — Board refunds will be based on a proration of the number of days remaining in a semester or term, less seven days. Refunds are made by check only and are made within approximately 45 days of the date of the official withdrawal.

**Room Reservations** — The room deposit fee will be refunded to a new applicant provided the applicant notifies the university in writing that he/she cannot attend. The deposit refund guidelines are as follows: for a deposit made by a new applicant for the fall semester, a full refund will be given if the notification is received by May 1st; if the notification is received after May 1st up to July 1st, a 50% refund will be given; if an applicant cancels his/her room reservation after July 1st, no refund will be given. For a deposit made by a new applicant for the spring semester, a full refund will be given if notification is received by December 1st. The request for a deposit refund must be made in writing and sent to the Residence Life/Housing Office in the Student Development Department.

Otherwise, the room deposit fee constitutes a permanent room deposit for as long as the student remains at the university. The fee is refundable when a student ceases residency in university owned housing provided the student's room is clean and undamaged. Non-returning students must submit a request for refund of the room deposit, in writing, to the Residence Life/Housing Office in the Student Development Department. If the non-returning student leaves at the end of the fall or spring semester, they may receive a full refund as long as the request is received prior to June 1st.

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

### **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.

# ACADEMIC STANDARDS

## Credit Hour

The semester credit hour is a unit by which an institution measures its course work. The value of a semester credit hour can be determined by time, the educational experience, and outside preparation by the student.

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

1. At least fifteen (15) contact hours, as well as, a minimum of thirty (30) hours of student homework is required for each semester credit hour.
2. Laboratory courses, with little outside work, require a minimum of forty-five (45) contact hours. If moderate outside work is required, thirty (30) contact hours are required.
3. Art courses follow the recommendations for awarding credit as recommended by The National Association of Schools of Art and Design (NASAD) and the Texas Association of Schools of Art (TASA). In lecture courses, like art history, normally one semester hour of credit represents one 50-minute session each week of the term. For our studio classes, normally a ratio of one semester hour of credit equals two hours of contact time and one hour of outside work per week. For example, a three semester credit hour course would require six faculty contact hours per week. Note: Faculty contact must be sufficient to ensure the development of knowledge and skills required by each course. Normally, faculty contact is greater at the foundation or introductory level than at the advanced studio level.
4. Music courses follow the recommendations for awarding credit as required by The National Association of Schools of Music (NASM). Normally, a semester hour of credit represents at least three hours of work each week for a period of fifteen or sixteen weeks. In lecture classes, such as music history, normally one semester hour of credit is given for one 50-minute session plus two hours of homework each week of the term. For ensembles, like laboratory classes, normally one semester hour of credit is given for two to four 50-minute rehearsal sessions per week, depending on the ensemble. For applied lessons, normally one semester hour of credit is given for each three hours of practice, plus the necessary individual 30-minute lesson per week with the instructor. For example, a two semester credit hour applied lesson would meet for two 30-minute lessons per week.
5. Internships, clinical, and field experiences require a minimum of forty-five (45) clock hours for each semester credit hour.
6. 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 semester 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
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
WQ**		0	Withdrawal—Failing

\* Not counted in computing GPA

\*\* Counted in computing GPA for the semester in which the course was taken AND for computing overall 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. As such, 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/>.

## 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 Probation

There are three categories of academic probation status recognized at the University of Mary Hardin-Baylor: probation, continued probation, and probation by petition. Each of these is explained in appropriate areas of the following sections.

**Academic probation:** An undergraduate student failing to meet the following minimum standards is automatically placed on academic probation:

Freshman	0-29 semester hours earned	1.8 GPA on cumulative graded hours
Sophomore	30-59 semester hours earned	2.0 GPA on cumulative graded hours
Junior	60-89 semester hours earned	2.0 GPA on cumulative graded hours
Senior	90 + semester hours earned	2.0 GPA on cumulative graded hours

A student who is admitted to the University on academic probation or who is placed on academic probation is expected to conform to the following regulations:

- (1) Reduce academic load to a maximum of 12 semester hours;
- (2) Adjust work program to better fit the academic needs of the student;
- (3) Attend all classes; and
- (4) Adhere to individualized academic action plan if deemed necessary by the student’s academic Dean.

To be removed from academic probation, a student must achieve the cumulative GPA level required for the student’s classification.

**Continued probation:** If a student does not achieve the cumulative GPA level required to be removed from probation, he/she may be placed on continued probation if the student earned a term GPA of 2.0 or better the semester on academic probation.

During the period of continued probation, the student may be required to adhere to an individualized academic action plan as deemed necessary by the student’s academic Dean and will not be eligible to participate in any non-curricular activity or represent the University, except under the following conditions:

1. No participant in any class for which he/she is registered shall be prohibited from taking field trips or from taking part in productions which are a part of that class.
2. A student who is on continued probation status usually may participate in tours and other such activities only if his/her credit for the course is dependent on participation in said activities and provided he/she receives prior approval from the Provost/Senior Vice President for Academic Affairs.
3. A student who is on continued probation status ordinarily may not represent the University in activities other than those stated in 1 and 2 above. This probation includes, but is not limited to, such activities as intercollegiate contests, off-campus productions, or active membership in a club or student organization. (Official representation is defined as participation in any activity under the name of The University of Mary Hardin-Baylor, under the direction, supervision, or sponsorship of any university area.)

If the student did not achieve a term GPA of at least 2.0 during the semester on probation, he/she is placed on academic suspension.

## Academic Suspension

A student who is placed on academic suspension will be suspended for a minimum of one “long” semester. 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. A student placed on academic suspension at the end of the spring semester will not be authorized to register for classes until the start of the next spring semester (excluding full summer term).

**Courses taken at other institutions during a period of academic suspension from UMHB may not be transferred to UMHB.** A student who has been suspended must apply to be readmitted (on probation) through the regular admission procedure at the completion of the suspension period. If readmission is granted, the student would be required to comply with the regulations listed in the Academic Probation section above. Falsifying transcripts will result in the permanent dismissal of a student from UMHB.

A student who appeals academic suspension and has the suspension waived by the student’s academic Dean will be continued on probation by petition.

The student may be required to adhere to an individualized academic action plan as deemed necessary by the student’s academic Dean and will not be eligible to participate in any non-curricular activity or represent the University, under the following conditions:

1. No participant in any class for which he/she is registered shall be prohibited from taking field trips or from taking part in productions which are a part of that class.

2. A student who is on probation by petition usually may participate in tours and other such activities only if his/her credit for the course is dependent on participation in said activities and provided he/she receives prior approval from the Provost/Senior Vice President for Academic Affairs.
3. A student who is on probation by petition ordinarily may not represent the University in activities other than those stated in 1 and 2 above. This probation includes, but is not limited to, such activities as intercollegiate contests, off-campus productions, or active membership in a club or student organization. (Official representation is defined as participation in any activity under the name of the University Mary Hardin-Baylor, under the direction, supervision, or sponsorship of any university area.)

The university reserves the right to take into account the student's compliance with the university's student code of conduct when considering whether to grant a student continued probation or probation by petition status.

## **Academic Appeal**

Students may appeal any academic decision believed to be arbitrary, capricious, or unfair. Appeals must be initiated within 30 days of the date of the decision or action being appealed. The student should first appeal the decision in writing to the person who made it by stating the appropriate rationale for reconsideration, the requested remedy, and the student's contact information. If the matter is not resolved, the student may then appeal that decision in writing to the next highest authority.

In matters related to academic coursework, the line of appeal is first, the faculty member; second, the associate dean/department chair; third, the dean of the college; and finally, the Provost's Office.

Each person to whom an appeal is made will normally respond to the student in writing within five (5) business days of receipt of the appeal. Extensions may be granted by the Provost in cases where the issue requires more extensive review and/or other extenuating circumstances. The student will have ten (10) calendar days from the date of each response to appeal to the next level.

The dean and/or Provost's Office may request a meeting with the student and other parties involved. Appeals will be considered only if they are from students enrolled at UMHB upon initiation of the first appeal. Conversations and/or correspondence with anyone other than students and UMHB faculty/staff will not be considered in responses to appeals until and unless the issue has been appealed to the Provost's Office.

Students should understand that mere dissatisfaction with a grade or decision is not grounds for an appeal. For an appeal to have merit, there must be some evidence that the student has been treated inappropriately with regard to the administration of the university's policies and procedures.

## **NOTICE: Academic Policies for Particular Programs**

With approval from the Provost, certain schools or programs within the University (e.g., Nursing) establish and publish their own policies regarding academic standards, academic sanctions, and academic appeals. To the extent these specialized policies differ from the academic policies contained in this Catalog, the specialized policies will control.



# 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/WQ" Period:** If a course is dropped during the "WP/WQ" Period, the class is recorded on the student's transcript with a grade of "WP" or "WQ" as reported by the instructor.
- **No course may be dropped after the end of the "WP/WQ" 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.**

## 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 (EXSS) 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 must 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.

A student whose withdrawal is necessitated by illness or injury will be given three weeks within which to withdraw officially.

If you withdraw, you are immediately eligible to reapply for admission unless you are placed on academic suspension for this withdrawal semester due to receipt of WQs for withdrawn courses. In that circumstance, you would not be eligible to reapply for admission until a minimum of one "long" semester has passed.

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

**Students who stop attending classes but fail to withdraw officially will be given failing grades in all courses.**

## 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. Recorded grades will be W, WP, WQ, 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.

# HONORS

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

A committee composed of faculty members called the Honors Committee administers the University Honors Program in coordination with the Honors Program 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 University Honors Program if they score 27 on the ACT or 1220 on the SAT. 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 and 3120, 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 year:

UMHB 1101	Freshman 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
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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
CSBS 1311-H Honors Old Testament (Fall) or CSBS 1312-H (Spring) Honors New Testament, whichever is not taken in order to fulfill the above requirement.		
HIST 1311-H and PSYC 1301-H: Fall		
CSBS 1312-H and ENGL 2380-H: Spring		

**c. HNRS 2310 Select Topics in Social Studies (or another designated course) must be taken during the sophomore year.**

## II. Upper Division Requirements:

Students must:

**a. Complete a minimum of three courses designated as honors courses in the department of his/her major.**

A student that has completed the lower level honors program will only have to designate one class in his/her major.

**b. Successfully complete both HNRS 3110 and HNRS 3120.**

HNRS 3110 Honors Seminar .....1

HNRS 3120 Honors Seminar .....1

**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	Freshman 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	Social Science Seminar .....	3
HNRS 2320	Fine Arts/Humanities .....	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 Seminars

HNRS 3110 Honors Seminar .....1

HNRS 3120 Honors Seminar .....1

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.

## 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 may be extended up to one year during which time a student may continue to participate in the Honors Program. Students on 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 and HNRS 3120, 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:

Dr. David Holcomb, Director

# CLASSROOM EXPECTATIONS AND ETHICS

## 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.

## 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 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.

## 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 to be 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 coming to class late 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.

## 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 will be granted an excused absence. In that event, 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 the 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 colleges or departments have developed policies that are used by all faculty in the respective college or department, students are expected to be aware of and 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, students pledge to:

1. Come to class prepared. This includes careful reading of assignments, being prepared to participate in discussions and completing any assignments that are due.
2. Be attentive and responsive in class
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

### Examples of disruptive behaviors to 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 show respect or act with civility

## 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.

1. Written work should reflect the student's own ideas and any use of others' words, ideas, or patterns of thought should 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.
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 should 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 should not be submitted to meet the requirements of another course without express permission from the instructor.
3. Students assigned to collaborate in group projects should 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 should 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 should 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 should 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 should 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 should 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.
9. 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.

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

A student who fails to meet these standards of academic integrity may receive a lower grade (including zero) on an assignment or a lower grade (including an "F" or "No Credit") for the course, as determined by the instructor. The penalty for academic dishonesty may also include more severe penalties, up to expulsion from the University. Conduct which violates the student Code of Conduct may also be grounds for disciplinary action as described in the Student Handbook.

For more information regarding academic integrity at UMHB, contact the Provost's Office.

# STUDY ABROAD PROGRAMS

## IS STUDY ABROAD FOR ME?

### Think about what you want to gain from Study Abroad

Do you want to be introduced to a new culture? Try new and daring things? What kind of climate are you preferring? Do you want to be exposed to a new language or are you more comfortable in an English-speaking country? Do you want a short trip (one week) to something long term (an entire semester)? UMHB offers several options that can suit your wants and needs from a Study Abroad trip.

### Make the necessary preparations for a Study Abroad trip

Are you up to date on vaccinations? Are you covered under health insurance? Do you have a current and valid passport? Do you have appropriate apparel for your destination? Study Abroad trips are not just your typical vacation-- they require a lot of preparation beforehand. One must also be prepared to be far away from home, sometimes with limited contact depending on your location. Make sure you are mentally, physically, financially, and spiritually ready for a Study Abroad trip. Remember to keep an open mind; you will be introduced to new cultures and experiences on your trip. The best way to cope with everything is to simply keep an open mind about it all.

The University is committed to making opportunities to study abroad available to all students, including students with disabilities. The Counseling, Testing and Health Center is ready to assist students who have physical, mental, learning, or other disabilities to find programs that meet their needs. It is the student's responsibility to request an accommodation. 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 will be available.

Study abroad experiences in certain countries can also present challenging new experiences for women. 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 women 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.

## STUDY ABROAD

UMHB has made a strong commitment to study abroad programs for students. Not only has the University made a commitment to offer a wide variety of study abroad opportunities, it has committed to make these opportunities feasible to all students. Students will find opportunities that are offered by University colleges and departments as well as opportunities offered 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. Other study abroad opportunities range from a course-related trip of one week to a summer semester encompassing multiple courses. Some of the countries on past study abroad itineraries include Morocco, England, China, Mexico, Israel, Jordan, Egypt, Italy, Scotland, Taiwan, Thailand, Brazil, Spain, Costa Rica, Panama, France and Ecuador.

For more information about UMHB Study Abroad opportunities, please visit our website <http://academics.umhb.edu/studyabroad> or call the Study Abroad office at (254) 295-4015.

## 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 and Howard Payne universities with all three 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 fifteen 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.

## PROGRAM OFFERINGS

### Courses

ARTS 1350 Art Appreciation .....	3
HIST 4391 British Life and Culture .....	3
THEA 4391 London Theatre .....	3
UMHB 1002 Chapel	
UMHB 1005 Fine Arts Experience	

Two courses offered by the UMHB faculty representative

Two courses offered by the HSU faculty representative

Two courses offered by the HPU 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. David Holcomb, Coordinator



# DEGREES

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

## Bachelor of Arts

Art  
Christian Studies  
Criminal Justice  
Education: EC - 6  
Education: Interdisciplinary Studies  
English  
Film Studies  
History  
Mass Communication  
Mathematics  
Multimedia & Information Technology  
Music  
Political Science  
Psychology  
Sociology  
Spanish  
Speech Communication  
Sport Management

## Bachelor of Business Administration

Accounting (A BBA/MBA option exists as well.)  
Business Computer Information Systems  
Economics  
Finance  
International Business  
Management  
Marketing  
Multimedia & Information Technology

## Bachelor of Christian Ministry

## Bachelor of Fine Arts

Art

## Bachelor of General Studies

## Bachelor of Music

Church Music  
Music Education  
Performance

## Bachelor of Science

Biology  
Chemistry  
Computer Science  
Criminal Justice  
Education: EC - 6  
Education: 4 - 8  
Education: Interdisciplinary Studies  
Engineering  
Exercise Physiology  
Fitness and Wellness Promotion  
History  
Mathematics  
Multimedia & Information Technology  
Political Science (p. )  
Pre-Physical Therapy  
Psychology  
Sociology  
Sport Management

## Bachelor of Science in Nursing

## Bachelor of Social Work

## Minors

The University of Mary Hardin-Baylor offers the following minors:

Art  
Applied Humanities  
Biblical Languages  
Biblical Studies  
Biology  
Business Administration (not offered for any College of Business majors)  
Business Computer Information Systems (BBA degree only)  
Chemistry  
Christian Missions  
Christian Studies  
Church Music  
Classical Humanities  
Communication (not available to BA Mass Communication majors)  
Computer Science  
Criminal Justice  
Economics  
English  
Exercise Science  
Film Production  
History  
International Business  
Life-Earth Science  
Management  
Marketing  
Mass Communication  
Mathematics  
Military Science  
Multimedia and Information Technology  
Music  
Pedagogy and Professional Practices  
Philosophy  
Political Science  
Psychology  
Sociology  
Spanish  
Sport Management  
Writing

# 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 124 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.
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-four (124) semester hours, thirty-one (31) 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 January 30 for Spring graduates, by May 30 for Summer graduates, and by September 30 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 printed 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, 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 after being 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 off-site providers in their program of study are encouraged to determine early in the enrollment process what, if any, alternatives may be available.

## 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 regionally accredited United States institutions of higher education. 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.

Course work with a grade of “C” or higher from United States colleges or universities accredited by other Council for Higher Education Accreditation (CHEA) recognized accrediting bodies may be considered for transfer on a course-by-course basis upon the written petition of the student to the chair of the academic department under which the course content falls. Documentation detailing content studied such as course syllabi may be requested for petition consideration. 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](mailto:registrar@umhb.edu) or 254-295-4510.

## 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.

## Multiple Course Requirements

No course may be applied toward multiple requirements in one degree plan. For example, a course cannot be double-counted toward fulfillment of the requirements for a major field and for a minor field or a second major field. Therefore, substitutions may be necessary to prevent course(s) from being double-counted.

## 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 124 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 2015-2016 is valid for graduation purposes through Summer 2021 for a degree seeking student enrolling in the fall of 2015. 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 with approval from the Registrar's Office. Students desiring to graduate in absentia should submit a written request to the Registrar's Office not less than two weeks prior to the commencement exercise.
- Diplomas will be mailed 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 (7) semester hours toward degree completion (as confirmed by the Registrar's Office) may petition the Registrar's Office for permission to participate in commencement exercises no earlier than January 31 for Spring participants or September 30 for Fall participants. Any exceptions to the maximum hours lacking for degree completion must be approved by the Provost. Participation in commencement exercises is not equivalent to graduation. Students granted permission by the Registrar's Office or the 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 of the semester in which the students' outstanding degree requirements are completed will apply. 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.

## 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**—Art, Drama/Theatre, and Music

### Global Issues:

### Semester Hours

(The following ENGL courses may not be used by English Majors to meet the Global Issues requirement)

BADM 3311 Global Competition and International Business .....	3
BECO 4342 Contemporary Economic Issues .....	3
CSCH 4311 Antisemitism, Christianity, and the Holocaust.....	3
ENGL 2370 Literature and Social Consciousness .....	3
ENGL 2336 Global Perspectives.....	3
ENGL 3335 Contemporary Global Literature.....	3
EXSS 2353 Lifespan Nutrition (Theory Course) .....	3
PSYC 4330 Multicultural Psychology .....	3
or any social science course	

**Natural Sciences**—Biology, Chemistry, Environmental Science, Geology, and Physics

### Scientific Inquiry:

BIOL 2301 Endangered Species .....	3
ENGR 2301 The Effects of Climate Change .....	3
PSYC 2314 Psychological Methods .....	3
SOCW 4312 Social Work Research I .....	3
or any natural science course	

**Social Sciences**—Archaeology, Criminal Justice, Economics, History, Political Science, Psychology, Social Work, and Sociology

**World Ideas:** (The following HIST courses may not be used by History Majors to meet the World Ideas requirement)

ARCH 4345 Archaeology of Syria-Palestine .....	3
ARTS 2351 Art History I.....	3
ARTS 2352 Art History II .....	3
ENGL 2330 Classical Influences .....	3
HIST 1311 History of World Civilizations to 1500.....	3
HIST 1312 History of World Civilizations since 1500 .....	3
HIST 2340 Historical Inquiry, Research, and Method .....	3
HIST 3362 History of Latin America .....	3
HIST 3370 History of England to 1707 .....	3
HIST 3371 History of Great Britain Since 1707 .....	3
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
HIST 4340 Ancient Greece & Hellenistic World .....	3
HIST 4342 Roman Empire & Medieval World.....	3
HIST 4371 19th Century Europe, 1815-1914 .....	3
HIST 4375 Twentieth Century Europe .....	3
HIST 4376 Early Modern Europe, Renaissance to 1789 .....	3
MUSI 3358 World Music .....	3
POLS 2315 Comparative Political Systems.....	3
or any Philosophy course	

## WRITING EMPHASIS COURSES

The mission of the Quality Enhancement Plan (QEP) at the University of Mary Hardin-Baylor is to equip students with the skill necessary for effective written communication in an ever changing global society by fostering a culture of writing within and between the academic disciplines. Below are courses that will fulfill a student's writing emphasis throughout their degree.

### Writing Emphasis Courses

ARTS 2352 Art History II .....	3
ARTS 3351 Modern Art.....	3
BACC 4350 Ethics for Accountants.....	3
BADM 4341 Business Ethics.....	3
BCIS 3311 Social Media .....	3
BCIS 4370 IS Management and Capstone Project.....	3
BLDR 2350 Christian Principles in Business Leadership.....	3
BIOL 4194 Capstone Writing.....	1
CCST 4290 Senior Capstone.....	2
CHEM 3440 Physical Chemistry I .....	4
CHEM 4183 Seminar - Capstone III .....	1
CISC 4370 Computer Science & Engineering Ethics Seminar.....	3
COMM 2320 Introduction to Mass Media.....	3

COMM 4380 Capstone in Communication.....	3
CRIJ 2316 Social Problems.....	3
CRIJ 3318 Juvenile Delinquency .....	3
CRIJ 4317 Criminology .....	3
CSBS 3320 Jesus and the Gospels .....	3
EDUC 2311 Classroom Technology .....	3
EDUC 4313 Child and Adolescent Development .....	3
ENGL 3323 World Literature .....	3
ENGL 4341 Literary Theory and Criticism.....	3
ENGR 4370 Computer Science & Engineering Ethics Seminar.....	3
EXSS 2340 Introduction to Exercise and Sport Science (Theory Course) .....	3
EXSS 3374 Sport Promotion/Marketing (Theory Course) .....	3
EXSS 4104 Senior Seminar(Theory Course).....	1
EXSS 4377 Field Experience (Theory Course).....	3
EXSS 4398 Internship in Exercise Science (Capstone - Theory Course).....	3
HIST 2340 Historical Inquiry, Research, and Method .....	3
HIST 4330 History of Church State In the U.S.....	3
HIST 4375 Twentieth Century Europe .....	3
MATH 4193 Senior Seminar: .....	1
MUSI 2352 Music History I.....	3
MUSI 4223 Orchestration Form and Analysis .....	2
NURS 3325 Evidence-Based Practice in Nursing.....	3
NURS 4200 Nursing Capstone.....	2
POLS 2320 Topics and Methods of Political Science.....	3
POLS 4330 Religion & Politics U.S. ....	3
PSYC 3323 History and Systems of Psychology .....	3
PSYC 4316 Experimental Psychology .....	3
SOCI 2316 Social Problems.....	3
SOCI 3318 Juvenile Delinquency .....	3
SOCI 4318 Social Theory .....	3
SOCW 3313 Policies & Issues in Social Work .....	3
SOCI 4317 Criminology .....	3
SOCW 4311 Senior Seminar in Social Work .....	3
SPAN 3340 Advanced Composition and Stylistics .....	3
SPAN 3350 Introduction to Spanish Literature.....	3
SPAN 3360 Introduction to Spanish American Literature .....	3
WRIT 3344 Scientific Writing.....	3

## 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.

### Core Course Requirements

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

#### Capstone

determined by major

#### 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.

#### Quantitative Reasoning - 3 hours

MATH only	
MATH 1304 Quantitative Reasoning .....	3
or higher	

#### Lab Science - 4 hours

#### Scientific Inquiry or Natural Sciences - 3 hours

#### Fine Arts - 3 hours

Fulfilled by Major

#### Freshman Seminar - 1 hour

UMHB 1101 Freshman 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	
UMHB 1002: credits determined by admission classification	

#### Christian Studies - 6 hours

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

#### Social Science - 6 hours

two different subject areas outside of major



**World Ideas or Philosophy or Non-US History - 3 hours**  
**Global Issues or Social Science - 3 hours**  
**Speech Communication - 3 hours**  
 COMM 1320 Public Speaking .....3  
**Activity PE - 2 courses**  
**Fine Arts Experience - 2-8 hours**  
 UMHB 1005 Fine Arts Experience  
 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 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 CWI designation, it can be used by a student to meet either the core literature requirement or the CWI requirement, but that course cannot be used to meet both requirements.

## Bachelor of Arts Degree

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

### Degree Requirements

#### A. Core Courses - 63 hours

**Capstone** (determined by major)

#### Christian Studies - 6 hours

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

#### English - 12 hours

ENGL 1321 Rhetoric & Composition I.....3  
 ENGL 1322 Rhetoric & Composition II .....3  
 ENGL Literature.....6

#### Exercise and Sport Science (2 activity courses) - 2 courses

#### Fine Arts - 3 hours

#### Foreign Language - 14 hours

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

#### Global Issues or Social Science - 3 hours

#### Lab Science - 4 hours

#### Public Speaking - 3 hours

COMM 1320 Public Speaking .....3

#### Quantitative Reasoning - 3 hours

MATH 1304 Quantitative Reasoning .....3  
 Or higher

#### Scientific Inquiry or Natural Sciences - 3 hours

#### Social Science - 6 hours

two different subject areas outside of major

#### Chapel - 1 to 4 credits

UMHB 1002 Chapel  
 UMHB 1002: credits determined by admission classification

#### Fine Arts Experience - 2-8 credits

UMHB 1005 Fine Arts Experience  
 UMHB 1005: credits determined by admission classification

#### Freshman Seminar - 1 hour

UMHB 1101 Freshman Seminar .....1  
 UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

#### World Ideas or Philosophy or Non-US History - 3 hours

#### B. Complete a major with a minimum of 24 semester hours and a maximum of 38 semester hours

Lower-level courses may be included in these hours, but a minimum of 12 semester hours must be taken in upper-level courses. Some majors require additional support courses outside the major field. Specific requirements are detailed in the major field’s department section. **See Degrees section for a listing of available majors.**

#### C. Electives (as necessary) to bring total to - 124 hours

#### D. Core course requirements, major field requirements, minor field requirements (if applicable), and electives must total a minimum of 124 semester hours.

However, the requirements of some majors/minors may extend the total beyond 124 semester hours.

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

## Bachelor of Business Administration Degree

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

### Degree Requirements

#### A. Core Courses - 46 hours

#### Capstone

determined by major

**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 and Sport Science (2 activity courses) - 2 courses****Fine Arts - 3 hours****Global Issues or Social Science - 3 hours**

BECO 2312 Principles of Microeconomics .....	3
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**Lab Science - 4 hours****Public Speaking - 3 hours**

COMM 1320 Public Speaking .....	3
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**Quantitative Reasoning - 3 hours**

MATH 1306 College Algebra.....	3
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**Scientific Inquiry or Natural Sciences - 3 hours****Social Science - 6 hours**

BECO 2311 Principles of Macroeconomics.....	3
one different discipline outside of the major	

Chapel - 1 to 4 credits

UMHB 1002 Chapel

UMHB 1002: credits determined by admission classification

**Fine Arts Experience - 2-8 credits**

UMHB 1005 Fine Arts Experience

UMHB 1005: credits determined by admission classification

**Freshman Seminar - 1 hour**

UMHB 1101 Freshman Seminar .....	1
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UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

**World Ideas or Philosophy or Non-US History - 3 hours****B. Professional Business Foundation - 30 hours****C. Professional Business Core - 27 hours****D. Business Area Major - 18 hours****E. Business Electives (9 upper-level hours), or Business Specialization (9 hours), or Business Minor (12 hours), or Second Business Major (18 hours), or Outside Minor (18-24 hours)****F. Electives (if necessary) to bring total to -124 hourss**

## Bachelor of Christian Ministry Degree

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

**Degree Requirements****A. Core Courses - 57 hours****Biblical Language - 8 hours**

in one language

**Capstone**

determined by major

**Christian Studies - 6 hours**

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

**English - 12 hours**

ENGL 1321 Rhetoric & Composition I.....	3
ENGL 1322 Rhetoric & Composition II .....	3
ENGL Literature.....	6

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

**Exercise and Sport Science (2 activity courses) - 2 courses****Fine Arts - 3 hours****Global Issues or Social Science - 3 hours****Lab Science - 4 hours****Public Speaking - 3 hours**

COMM 1320 Public Speaking .....	3
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**Quantitative Reasoning - 3 hours**

MATH 1304 Quantitative Reasoning .....	3
or higher	

**Scientific Inquiry or Natural Sciences - 3 hours****Social Science - 6 hours**

two different subject areas outside of major

Chapel - 1 to 4 credits

UMHB 1002 Chapel

UMHB 1002: credits determined by admission classification

Fine Arts Experience - 2-8 credits

UMHB 1005 Fine Arts Experience

UMHB 1005: credits determined by admission classification

**Freshman Seminar - 1 hour**

UMHB 1101 Freshman Seminar ..... 1

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

**World Ideas or Philosophy or Non-US History - 3 hours**

PHIL 2315 Introduction to Philosophy ..... 3

**B. Christian Ministry Foundations - 15 hours**

**C. Advanced Biblical Studies Electives - 6 hours**

**D. Christian Studies Upper-Level Electives - 6 hours**

**E. Concentration - 15 hours**

**F. Capstone Courses - 4 hours**

**G. Electives (if necessary) to bring total to - 124 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 - 46 hours**

**Capstone**

determined by major

**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 and Sport Science (2 activity courses) - 2 Courses**

**Fine Arts - 3 hours**

Fulfilled by Major

**Global Issues or Social Science - 3 hours**

**Lab Science - 4 hours**

**Public Speaking - 3 hours**

COMM 1320 Public Speaking ..... 3

**Quantitative Reasoning - 3 hours**

MATH 1304 Quantitative Reasoning ..... 3

or higher

**Scientific Inquiry or Natural Sciences - 3 hours**

**Social Science - 6 hours**

two different subject areas outside of major

Chapel - 1 to 4 credits

UMHB 1002 Chapel

UMHB 1002: credits determined by admission classification

**Fine Arts Experience - 2-8 credits**

UMHB 1005 Fine Arts Experience

UMHB 1005: credits determined by admission classification

**Freshman Seminar - 1 hour**

UMHB 1101 Freshman Seminar ..... 1

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

**World Ideas or Philosophy or Non-US History - 3 hours**

**B. Art Major (see Art section of this catalog for specific courses required):**

Lower-Level Art Courses ..... 30

Upper-Level Art Courses ..... 30

Support Courses ..... 12

**C. Electives (if necessary) to bring total to - 124 hours**

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

## **Bachelor of General Studies Degree - Academic Core**

The Bachelor of General 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 General Studies degree, a student must fulfill the following course requirements:

### **Degree Requirements**

**A. Core Courses - 46 hours**

**Capstone (determined by concentrations)**

**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 and Sport Science (2 activity courses) - 2 courses**

#### **Fine Arts - 3 hours**

#### **Global Issues or Social Science - 3 hours**

#### **Lab Science - 4 hours**

#### **Public Speaking - 3 hours**

COMM 1320 Public Speaking .....	3
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#### **Quantitative Reasoning - 3 hours**

MATH only	
MATH 1304 Quantitative Reasoning .....	3
or	
higher	

#### **Scientific Inquiry or Natural Sciences - 3 hours**

#### **Social Science - 6 hours**

two different subject areas outside of major

#### **Chapel - 1 to 4 credits**

UMHB 1002 Chapel	
UMHB 1002: credits determined by admission classification	

#### **Fine Arts Experience - 2-8 credits**

UMHB 1005 Fine Arts Experience	
UMHB 1005: credits determined by admission classification	

#### **Freshman Seminar - 1 hour**

UMHB 1101 Freshman Seminar .....	1
UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only	

#### **World Ideas or Philosophy or Non-US History - 3 hours**

#### **B. Two Concentrations - 48 hours**

Each Concentration must have:

- 24 hours chosen from one college. “College” refers to Business, Christian Studies, Education, 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 124 hours**

#### **D. Total for Bachelor of General Studies Degree - 124 hours**

## **Bachelor of Music Degree - Academic Core**

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

### **Church Music Major**

#### **A. Core Courses - 46 hours**

Capstone determined by major

#### **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 and Sport Science (2 activity courses) - 2 courses**

#### **Fine Arts - 3 hours**

#### **Fulfilled by Major**

#### **Global Issues or Social Science - 3 hours**

#### **Lab Science - 4 hours**

#### **Public Speaking - 3 hours**

COMM 1320 Public Speaking .....	3
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#### **Quantitative Reasoning - 3 hours**

MATH only	
MATH 1304 Quantitative Reasoning .....	3
or higher	

#### **Scientific Inquiry or Natural Sciences - 3 hours**

#### **Social Science - 6 hours**

two different subject areas outside of major

#### **Chapel - 1 to 4 credits**

UMHB 1002 Chapel  
 UMHB 1002: credits determined by admission classification  
**Fine Arts Experience - 2-8 credits**  
 UMHB 1005 Fine Arts Experience  
 UMHB 1005: credits determined by admission classification  
**Freshman Seminar - 1 hour**  
 UMHB 1101 Freshman Seminar ..... 1  
 UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only  
**World Ideas or Philosophy or Non-US History - 3 hours**  
 B. Other requirements are listed in the schematic plans in the Department of Music section of this catalog.  
**Subtotal: 131**

## MUSIC EDUCATION MAJOR

### A. Core Courses - 46 hours

#### Capstone

determined by major

#### 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 and Sport Science (2 activity courses) - 2 courses

#### Fine Arts - 3 hours

Fulfilled by Major

#### Global Issues or Social Science - 3 hours

HIST 2311 American History to 1877 ..... 3  
 or  
 HIST 2312 American History since 1877 ..... 3

#### Lab Science - 4 hours

#### Public Speaking - 3 hours

COMM 1320 Public Speaking ..... 3

#### Quantitative Reasoning - 3 hours

MATH only  
 MATH 1304 Quantitative Reasoning ..... 3  
 or higher

#### Scientific Inquiry or Natural Sciences - 3 hours

#### Social Science - 6 hours

PSYC 1301 General Psychology ..... 3  
 and  
 POLS 2310 State and Federal Government I ..... 3  
 or  
 POLS 2311 State and Federal Government II ..... 3

#### Chapel - 1 to 4 credits

UMHB 1002 Chapel  
 UMHB 1002: credits determined by admission classification

#### Fine Arts Experience - 2-8 credits

UMHB 1005 Fine Arts Experience  
 UMHB 1005: credits determined by admission classification

#### Freshman Seminar - 1 hour

UMHB 1101 Freshman Seminar ..... 1  
 UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

#### World Ideas or Philosophy or Non-US History - 3 hours

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

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

**Subtotal: 136-137**

## PERFORMANCE MAJOR

### A. Core Courses - 54 hours

#### Capstone

determined by major

#### 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.	
<b>Exercise and Sport Science (2 activity courses) - 2 courses</b>	
<b>Fine Arts - 3 hours</b>	
<b>Fulfilled by Major</b>	
<b>Foreign Language – 8 hours</b>	
<b>in one language</b>	
<b>Global Issues or Social Science - 3 hours</b>	
<b>Lab Science - 4 hours</b>	
<b>Public Speaking - 3 hours</b>	
COMM 1320 Public Speaking .....	3
<b>Quantitative Reasoning - 3 hours</b>	
MATH 1304 Quantitative Reasoning .....	3
or higher	
<b>Scientific Inquiry or Natural Sciences - 3 hours</b>	
<b>Social Science - 6 hours</b>	
<b>two different disciplines outside of the major</b>	
<b>Chapel - 1 to 4 credits</b>	
UMHB 1002 Chapel	
UMHB 1002: credits determined by admission classification	
<b>Fine Arts Experience - 2-8 credits</b>	
UMHB 1005 Fine Arts Experience	
UMHB 1005: credits determined by admission classification	
<b>Freshman Seminar - 1 hour</b>	
UMHB 1101 Freshman Seminar .....	1
UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only	
<b>World Ideas or Philosophy or Non-US History - 3 hours</b>	
<b>B. Other requirements are listed in the schematic plans in the Department of Music section of this catalog.</b>	
<b>Subtotal: 130-131</b>	
Total minimum credit hours for degree: 130 (Voice) or 131 (Piano)	

## Bachelor of Science Degree - Academic Core

### Degree Requirements

#### A. Core Courses - 57 hours

##### Capstone

determined by major

##### Christian Studies - 6 hours

CSBS 1311 Engaging the Old Testament..... 3

CSBS 1312 Engaging the New Testament..... 3

##### English - 12 hours

ENGL 1321 Rhetoric & Composition I..... 3

ENGL 1322 Rhetoric & Composition II..... 3

ENGL Literature..... 6

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

##### Exercise and Sport Science (2 activity courses) - 2 courses

##### Fine Arts - 3 hours

##### Global Issues or Social Science - 3 hours

##### Lab Science - 12 hours

two different disciplines

##### Public Speaking - 3 hours

COMM 1320 Public Speaking ..... 3 || **Quantitative Reasoning - 3 hours** |  |
MATH 1304 Quantitative Reasoning .....	3
or higher	
**Scientific Inquiry or Natural Sciences - 3 hours**	
**Social Science - 6 hours**	
**two different disciplines outside of the major**	
**Chapel - 1 to 4 credits**	
UMHB 1002 Chapel	
UMHB 1002: credits determined by admission classification	
**Fine Arts Experience - 2-8 credits**	
UMHB 1005 Fine Arts Experience	
UMHB 1005: credits determined by admission classification	
**Freshman Seminar - 1 hour**	
UMHB 1101 Freshman Seminar .....	1
UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only	
**World Ideas or Philosophy or Non-US History - 3 hours**	
**B. Complete a major with a minimum of 24 semester hours and a maximum of 39 semester hours.**	
Lower level courses may be included in these hours, but a minimum of 12 semester hours must be taken in upper level courses. Some majors require additional support courses outside the major field. Specific requirements are detailed in the major field’s department section. See the Degrees section for a listing of	



available majors.

**C. Electives (as necessary) to bring total to - 124 hours**

**D. Core course requirements, major field requirements, minor field requirements (if applicable), and electives must total a minimum of 124 semester hours.**

However, the requirements of some majors/minors may extend the total beyond 124 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 this catalog by the College of Education.

## **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 - 61 hours**

**Capstone**

**determined by major**

#### **Christian Studies - 6 hours**

CSBS 1311 Engaging the Old Testament ..... 3

CSBS 1312 Engaging the New Testament ..... 3

#### **Global Issues or Social Science - 3 hours**

#### **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 and Sport Science (2 activity courses) - 2 courses**

#### **Fine Arts - 3 hours**

#### **Lab Science - 12 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

#### **Public Speaking - 3 hours**

COMM 1320 Public Speaking ..... 3

#### **Quantitative Reasoning - 3 hours**

MATH 2303 Statistics ..... 3

#### **Scientific Inquiry or Natural Sciences - 4 hours**

Intro or College Chemistry (4) ..... 4

#### **Social Science - 9 hours**

PSYC 1301 General Psychology ..... 3

PSYC 2311 Developmental Psychology ..... 3

SOCI 1311 Introduction to Sociology ..... 3

#### **Chapel - 1 to 4 credits**

UMHB 1002 Chapel

UMHB 1002: credits determined by admission classification

#### **Fine Arts Experience - 2-8 credits**

UMHB 1005 Fine Arts Experience

UMHB 1005: credits determined by admission classification

#### **Freshman Seminar - 1 hour**

UMHB 1101 Freshman Seminar ..... 1

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

#### **General Elective - 3 hours**

#### **World Ideas or Philosophy or Non-US History - 3 hours**

#### **B. Prescribed Nursing Courses (as outlined in this catalog) - 63 hours**

#### **C. Electives (if necessary) to bring total to - 124 semester 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 - 63 hours**

**Capstone** (determined by major)

#### **Christian Studies - 6 hours**

CSBS 1311 Engaging the Old Testament ..... 3

CSBS 1312 Engaging the New Testament ..... 3

#### **Global Issues or Social Science - 3 hours**

PSYC 3315 Abnormal Psychology ..... 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 and Sport Science (2 activity courses) - 2 courses**

**Fine Arts - 3 hours**

**Foreign Language - 8 hours**

**in one language**

**NOTE: The foreign language requirement is 8 semester hours (two semesters or the equivalent) in the same language.**

**Information Systems – 3 hours**

BCIS 1301 Technological Solutions for Personal Productivity ..... 3

**Lab Science - 4 hours**

BIOL 1105 Living World Lab ..... 1

BIOL 1305 Living World ..... 3

or

BIOL 1140 Fundamentals of Anatomy and Physiology Lab..... 1

BIOL 1340 Fundamentals of Anatomy and Physiology..... 3

or

BIOL 1150 General Biology I Lab ..... 1

BIOL 1350 General Biology I..... 3

or

BIOL 2340 Human Anatomy & Physiology I..... 3

BIOL 2140 Human Anatomy & Physiology I Lab..... 1

**Public Speaking - 3 hours**

COMM 1320 Public Speaking ..... 3

**Quantitative Reasoning - 3 hours**

SOCW 2305 Statistics for the Social Sciences..... 3

**Scientific Inquiry or Natural Sciences - 3 hours**

Fulfilled by Major

**Social Science - 12 hours**

POLS 2311 State and Federal Government II..... 3

PSYC 1301 General Psychology..... 3

SOCI 1311 Introduction to Sociology ..... 3

SOCI 2316 Social Problems..... 3

**Chapel - 1 to 4 credits**

UMHB 1002 Chapel.....

UMHB 1002: credits determined by admission classification

**Fine Arts Experience - 2-8 credits**

UMHB 1005 Fine Arts Experience .....

UMHB 1005: credits determined by admission classification

**Freshman Seminar - 1 hour**

UMHB 1101 Freshman Seminar ..... 1

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

**World Ideas or Philosophy or Non-US History - 3 hours**

**B. Social Work Major - 49 hours**

**C. Electives (if necessary) to bring total to - 124 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 Department of Education.

# **McLANE COLLEGE OF BUSINESS**

**Dean: Dr. Ken A. Smith**

**Associate Deans: Mr. Larry Locke, Dr. Kirk Fischer**

## **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. We provide 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 (BACC, BADM, BECO, BCIS, BENT, BLAW, BLDR, BMGT, BMKT, BQBA, and BSYS) taken at UMHB and have a 2.5 GPA in their academic business major.

## Course Prerequisites

Course prerequisites are governed by the catalog in effect at the time the course is offered.

## Correspondence Courses

Business Core and major field courses should be taken in residence. Students taking courses in residence should not also take Business courses by correspondence (including online courses at other institutions). If a student shows that no other arrangement is feasible and that the course must be taken in that particular semester, the Associate Dean may make an exception. Application for Exception may be picked up in Parker 130 and must be returned with required signatures before a student begins the correspondence class. A student may not retake by correspondence any College of Business course that has already been taken and completed in residence. Please see the next section on Transfer of Credits which includes correspondence and online courses.

## Transfer of Credits

Students planning to take their first two years of work at a junior or community college should follow the curriculum that is taken by UMHB freshmen and sophomores. Counseling is available through 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, the College Dean, and the Registrar.

Credit for most, but not all, business courses may be obtained by passing a written challenge examination. Permissions from the Associate Dean and the College Dean are 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, Economics, Finance, International Business, Management, Marketing or Multimedia Technology. 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, a specialization in cross-function areas such as electronic commerce and global commerce, 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 nine (9) hours of upper level electives offered by McLane College of Business.

**Students must have a 2.5 GPA 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 Multimedia & Information Technology (MMIT).

**Students 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 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 co-op experience. 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. The Associate Dean or his or her designee must approve practical-experience hours before the beginning of the student's senior year. In the final semester of a student's practical experience hours he or she must register for BADM 4090 in order to receive degree plan credit for their practical experience. The student must also obtain a letter from his or her employer/supervisor, internship site, etc. to verify their practical experience. Please see the Associate Dean for additional information.

# BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)

**124 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**31 HOURS AT UMHB**

## Academic Core – 46 hours

see Bachelor of Business Administration Degree Academic Core

## Professional Business Foundation – 30 hours

BACC 2311-Financial Accounting .....	3
BACC 2312-Manual Accounting.....	3
BADM 1301-Introduction to Business .....	3
BADM 2312-Communicating in Business .....	3
BCIS 1301-Technological Solutions for Personal Productivity .....	3
BECO 2311-Principles of Macroeconomics .....	3
BECO 2312-Principles of Microeconomics .....	3
BLDR 2350-Christian Principles in Business Leadership.....	3
BQBA 2301-Introduction to Quantitative Methods.....	3
BQBA 2302-Business Data Analysis.....	3
BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum	
BECO 2312: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum	

## Professional Business Core – 27 hours

BADM 4090-Practical Experience .....	
BADM 3311-Global Competition and International Business .....	3
BADM 4341-Business Ethics .....	3
BFIN 3311-Principles of Finance .....	3
BLAW 3311-Business Law.....	3
BMGT 3310-Fundamentals of Management .....	3
BMGT 4349-Strategic Management & Policy .....	3
BMKT 3311-Principles of Marketing .....	3
BSYS 3312-Management Information Systems .....	3
BSYS 3325-Production Operations Management .....	3

## Business Area Major – 18-20 hours

-Accounting  
 -Business Computer Information Systems  
 -Economics  
 -Finance  
 -International Business  
 -Management  
 -Marketing  
 or  
 -Multimedia & Information Technology

## Business Electives - 9 hours upper level

## 3000-4000 non-major/minor courses

or

## Business Specialization - 9 hours

Please contact the Associate Dean for more information about B.B.A specializations.

-Global Commerce

or

-E-Commerce

## Business Area Minor - 12 hours

or

## Second Business Major - 18 hours

or

## Non-business Minor - 18-24 hours

see specific academic area

## Minimum Total Semester Hours

With College of Business Electives .....	124
With Business Specialization.....	124
With Business Area Minor .....	127
With Second Business Area Major .....	133
With Accounting Major and Accounting Information Management Minor .....	150

## BUSINESS ADMINISTRATION MINOR

### DEGREE REQUIREMENTS

#### Required Courses - 24 hours

6 hours upper level at UMHB

BACC 2311-Financial Accounting .....	3
BADM 1301-Introduction to Business .....	3
BADM 2312-Communicating in Business .....	3
BADM 4341-Business Ethics .....	3
BLDR 2350-Christian Principles in Business Leadership .....	3
BSYS 3312-Management Information Systems .....	3
BMGT 3310-Fundamentals of Management .....	3
BMKT 3311-Principles of Marketing .....	3

#### Required Support Courses - 9 hours

BCIS 1301-Technological Solutions for Personal Productivity .....	3
BECO 2311-Principles of Macroeconomics .....	3
BECO 2312-Principles of Microeconomics .....	3

## BUSINESS ADMINISTRATION EMPHASIS

Students not pursuing a major or minor in the McLane College of Business may pursue a 12-hour Business Administration Emphasis. The emphasis may be helpful to students who are not business majors or minors but who intend to pursue careers in the business sector after graduation. Non-business students who do not intend to pursue careers in the business sector could also benefit from the emphasis because it evidences a greater familiarity with the administrative (or “business”) functions of education, charitable, governmental, scientific, and other non-business enterprises.

### DEGREE REQUIREMENTS

#### Required Courses-12 hours

BADM 1301 Introduction to Business .....	3
BACC 2311 Financial Accounting .....	3
BECO 2311 Principles of Macroeconomics .....	3
or	
BECO 2312 Principles of Microeconomics .....	3
BMGT 3310 Fundamentals of Management .....	3

A minimum grade of “C” must be received in each of the required courses.

The requirement for BADM 1301 for students to be in the freshman or sophomore class, and the prerequisite for BACC 2311 to have received a “C” or better in MATH 1306, will both be waived for students not pursuing a major or minor in the McLane College of Business.

## Specializations

### GLOBAL COMMERCE SPECIALIZATION

Students pursuing any major in the McLane College of Business will find that a specialization in global commerce will complement their education and professional opportunities. Students may earn a specialization in global commerce by taking any three global or international courses in the McLane College of Business in addition to BADM 3311 which is required of all business students



# Accounting, Economics and Finance Department

## ACCOUNTING B.B.A.

A 18-hour B.B.A. major (beyond the 6 hours of Accounting required in the Business Foundation) is available. The 18-hour B.B.A. major is preparation for careers in accounting without CPA certification. Students wishing to pursue CPA certification must complete the 18-hour B.B.A. major, take an additional 6 hours in accounting as business electives and complete the M.B.A. program requirements outlined in the UMHB graduate catalog.

### 124 MINIMUM HOURS

### 36 UPPER LEVEL HOURS

### 31 HOURS AT UMHB

### DEGREE REQUIREMENTS

#### Academic Core - 46 hours

#### Professional Business Foundation – 30 hours

BACC 2311-Financial Accounting.....	3
BACC 2312-Manual Accounting .....	3
BADM 1301-Introduction to Business.....	3
BADM 2312-Communicating in Business.....	3
BCIS 1301-Technological Solutions for Personal Productivity .....	3
BECO 2311-Principles of Macroeconomics .....	3
BECO 2312-Principles of Microeconomics .....	3
BLDR 2350-Christian Principles in Business Leadership .....	3
BQBA 2301-Introduction to Quantitative Methods .....	3
BQBA 2302-Business Data Analysis .....	3

#### BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum

#### BECO 2312: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum

#### Professional Business Core – 27 hours

BADM 3311-Global Competition and International Business.....	3
BADM 4341-Business Ethics .....	3
BFIN 3311-Principles of Finance.....	3
BLAW 3311-Business Law .....	3
BMGT 3310-Fundamentals of Management.....	3
BMGT 4349-Strategic Management & Policy.....	3
BMKT 3311-Principles of Marketing .....	3
BSYS 3312-Management Information Systems .....	3
BSYS 3325-Production Operations Management.....	3

#### BADM 4090 Practical Experience

#### BSYS 3312: Accounting students may substitute BACC 3329 Accounting Information Systems

#### BADM 4341: CPA Track Accounting students must substitute BACC 4350 Ethics for Accountants because of state requirements.

#### B.B.A. Accounting Major Required Courses – 18 hours

#### 12 hours (6 upper level ) at UMHB

#### 12 hours minimum upper level

BACC 3321 Intermediate Accounting I.....	3
BACC 3322 Intermediate Accounting II .....	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, apprenticeships, international experiences, or co-op experience.

#### Business Electives - 9 hours upper level

or

#### Business Specialization - 9 hours

or

#### Business Area Minor - 12 hours

or

#### Second Business Major - 18 hours

or

#### Non-business Minor - 18-24 hours

## SUGGESTED SCHEDULE FOR BBA ACCOUNTING MAJOR

### Freshman Fall

BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2312	Principles of Microeconomics .....	3
ENGL 1321	Rhetoric & Composition I.....	3
MATH 1306	College Algebra .....	3
EXAC	Activity Course .....	1
BADM 1301	Introduction to Business .....	3
UMHB 1002	Chapel	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	

### Freshman Spring

BECO 2311	Principles of Macroeconomics.....	3
ENGL 1322	Rhetoric & Composition II .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
EXAC	Activity Course .....	1
CSBS 1311	Engaging the Old Testament .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

### Sophomore Fall

BACC 2311	Financial Accounting .....	3
BADM 2312	Communicating in Business .....	3
	World Ideas or Philosophy or Non-US History .....	3
	Lab Science.....	4
CSBS 1312	Engaging the New Testament .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

### Sophomore Spring

BACC 2312	Managerial Accounting.....	3
BQBA 2302	Business Data Analysis.....	3
COMM 1320	Public Speaking .....	3
	Social Science .....	
	Scientific Inquiry or Natural Science.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

### Junior Fall

BACC 3321	Intermediate Accounting I.....	3
BACC 3324	Federal Income Taxation for Individuals .....	3
BACC 4323	Cost Accounting.....	3
	Fine Arts	
ENGL	Literature	
BMKT 3311	Principles of Marketing.....	3
UMHB 1005	Fine Arts Experience	

### Junior Spring

BACC 3322	Intermediate Accounting II .....	3
BACC 3325	Federal Income Taxation for Business Entities.....	3
BACC 3329	Accounting Information Systems .....	3
BFIN 3311	Principles of Finance.....	3
BMGT 3310	Fundamentals of Management.....	3
UMHB 1005	Fine Arts Experience	

### Senior Fall

BACC 4342	CPA Review .....	3
BACC 4331	Auditing I.....	3
BACC 4350	Ethics for Accountants .....	3
BADM 3311	Global Competition and International Business .....	3
BLAW 3311	Business Law .....	3
UMHB 1005	Fine Arts Experience	

### Senior Spring

BACC 4341	Financial Statement Analysis.....	3
BACC 4344	Advanced Income Tax .....	3
BACC 4343	Advanced Auditing .....	3
BMGT 4349	Strategic Management & Policy .....	3
BSYS 3325	Production Operations Management.....	3
BADM 4090	Practical Experience	

UMHB 1005 Fine Arts Experience  
 BACC 4341, BACC 4343, and BACC 4344: Upper Level Business Electives  
 BACC 4341 and BACC 4344: We suggest that accounting majors take accounting courses as their business electives in case they want to meet the CPA requirements of 30 accounting hours at some later date.

## 5 YEAR COMBINED B.B.A. / M.B.A. PROGRAM

UMHB Bachelor of Business Administration (BBA) Accounting students are eligible to apply for the combined BBA/MBA program during their junior year. Admission to the Graduate School is required before enrolling in graduate courses. The program requires 150 hours and is normally completed in five years. See the Program Director for more information.

### DEGREE REQUIREMENTS

The combined BBA/MBA allows UMHB students who are currently pursuing a BBA degree in accounting to complete their MBA in one additional year beyond what would normally be required for the BBA. Students must meet all requirements for regular admission to the graduate program, including a minimum undergraduate 3.0 GPA. Students must declare their intent and apply to the graduate program in their Junior year in order to complete all requirements within their 5th year. Students will begin taking graduate courses while they are completing their undergraduate courses, and the following undergraduate courses will be waived: BLAW 3311, BMGT 4349, and BSYS 3325. The content of these courses will be covered in appropriate graduate courses. In the event the student does not complete all courses required for the Combined BBA/MBA, they will be required to complete BLAW 3311, BMGT 4349, and BSYS 3325 in order to be awarded their BBA degree. Upon completing all requirements of the Combined BBA/MBA, the student will be awarded both degrees at Commencement.

### Combined BBA/MBA in Accounting

The combined BBA/MBA in Accounting contains all necessary coursework to qualify the graduate to sit for the Uniform CPA Exam under the current requirements set forth by the Texas State Board of Public Accountancy. In addition to the BBA accounting requirements, students must complete all MBA course requirements in the Accounting track.

Students must declare their intent in the spring semester of their Junior year and have completed or be enrolled in BACC 3422 and BACC 3325. Admission to the 5-year Accounting program requires a minimum 3.0 undergraduate GPA overall and a minimum 3.0 GPA in all Accounting Courses.

### Undergraduate Accounting Courses

BACC 3321	Intermediate Accounting I.....	3
BACC 3322	Intermediate Accounting II.....	3
BACC 3324	Federal Income Taxation for Individuals.....	3
BACC 3325	Federal Income Taxation for Business Entities.....	3
BACC 3329	Accounting Information Systems.....	3
BACC 4323	Cost Accounting.....	3
BACC 4331	Auditing I.....	3
BACC 4341	Financial Statement Analysis.....	3
BADM 4090	Practical Experience	

### Graduate Accounting Courses

BACC 5220	Non-Profit Accounting.....	2
BACC 5312	Advanced Accounting.....	3
BACC 6231	Contemporary Accounting Issues.....	2
BACC 6243	Fraud Examination.....	2
BACC 6252	Accounting Research.....	2

### SUGGESTED SCHEDULE - COMBINED BBA (ACCOUNTING MAJOR) / MBA

(refer to UMHB Undergraduate Catalog Suggested Schedule for BBA Accounting Major for the sequence of courses for Freshman thru Junior year)

#### Senior Fall

BACC 4323	Cost Accounting.....	3
BACC 4331	Auditing I.....	3
BADM 6220	Entrepreneurship.....	2
BADM 6210	Managerial Communication.....	2
	Accounting Track.....	2
	Accounting Track.....	2

#### Senior Spring

BACC 4341	Financial Statement Analysis.....	3
BADM 4090	Practical Experience	
BACC 6221	Accounting for Managers.....	2
BECO 6231	Managerial Economics & Planning.....	2
BSYS 6250	Logistics & Operations Management.....	2
BACC 6221:	Accounting Track students may substitute a course from another MBA track.	

#### Summer Senior Year

BADM 6243	Global Issues in Business and Society.....	2
BADM 6241	Values-Driven Leadership.....	2

#### 5th Year Fall

BSYS 6242	Info Systems & Technology.....	2
BQBA 6211	Quantitative Methods & Managerial Decision Making.....	2

BFIN 6262	Financial Management.....	2
BADM 6212	Organizational Behavior & Change Management.....	2
	Accounting Track.....	2

#### 5th Year Spring

BMGT 6261	Strategy & Managerial Decision Making .....	2
BMKT 6241	Marketing Management .....	2
BADM 6250	Legal Environment of Business .....	2
	Accounting Track.....	2

## ECONOMICS B.B.A.

An 18-hour B.B.A. major, a 12-hour B.B.A. minor, or a 18 hour B.A./B.S. minor (beyond the 6 hours of Economics required in the university core) is available. This major is preparation for careers in banking, global commerce, government services, corporate business, and to prepare for Graduate school.

#### 124 MINIMUM HOURS

#### 36 UPPER LEVEL HOURS

#### 31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

##### Academic Core - 46 hours

##### Professional Business Foundation – 30 hours

BACC 2311	Financial Accounting .....	3
BACC 2312	Managerial Accounting .....	3
BADM 1301	Introduction to Business .....	3
BADM 2312	Communicating in Business .....	3
BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2311	Principles of Macroeconomics.....	3
BECO 2312	Principles of Microeconomics .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BQBA 2301	Introduction to Quantitative Methods.....	3
BQBA 2302	Business Data Analysis .....	3

**BECO 2311: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum**

##### Professional Business Core – 27 hours

BADM 3311	Global Competition and International Business .....	3
BADM 4341	Business Ethics .....	3
BFIN 3311	Principles of Finance .....	3
BLAW 3311	Business Law .....	3
BMGT 3310	Fundamentals of Management.....	3
BMGT 4349	Strategic Management & Policy .....	3
BMKT 3311	Principles of Marketing .....	3
BSYS 3312	Management Information Systems .....	3
BSYS 3325	Production Operations Management.....	3
BADM 4090	Practical Experience	

##### B.B.A. Economics Major Required Courses – 18 hours

##### 12 hours (6 upper level ) at UMHB

##### 12 hours minimum upper level

BECO 3320	Intermediate Macroeconomic Theory.....	3
BECO 3321	Intermediate Microeconomic Theory.....	3
BECO 3312	Money and Banking	3
BECO 4350	History of Economic Thought.....	3
BECO X3XX	Upper Level Economics Elective.....	3
and		
BECO 4370	International Economics .....	3
or		
POLS 4318	International Political Economics .....	3

**A 2.50 GPA is required in the major for graduation.**

**BADM 4090: 300 hours of practical work experience in major required through full- or part-time employment, paid or unpaid internships, apprenticeships, or volunteer work.**

##### Business Electives - 9 hours upper level

or

##### Business Specialization - 9 hours

or

##### Business Area Minor - 12 hours

or

##### Second Business Major - 18 hours

or

##### Non-business Minor - 18-24 hours

## SUGGESTED SCHEDULE FOR B.B.A. ECONOMICS MAJOR:

### Freshman Fall

BADM 1301	Introduction to Business .....	3
	Fine Arts .....	
ENGL 1321	Rhetoric & Composition I.....	3
EXAC	Activity Course .....	1
CSBS 1311	Engaging the Old Testament .....	3
UMHB 1002	Chapel .....	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience .....	

### Freshman Spring

BCIS 1301	Technological Solutions for Personal Productivity.....	3
	World Ideas or Philosophy or Non-US History .....	3
ENGL 1322	Rhetoric & Composition II .....	3
EXAC	Activity Course .....	1
CSBS 1312	Engaging the New Testament .....	3
MATH 1306	College Algebra .....	3
UMHB 1002	Chapel .....	
UMHB 1005	Fine Arts Experience .....	

### Sophomore Fall

BACC 2311	Financial Accounting .....	3
BECO 2311	Principles of Macroeconomics.....	3
BQBA 2301	Introduction to Quantitative Methods.....	3
	Lab Science .....	4
COMM 1320	Public Speaking .....	3
ENGL	Literature .....	
UMHB 1002	Chapel .....	
UMHB 1005	Fine Arts Experience .....	

### Sophomore Spring

BACC 2312	Managerial Accounting .....	3
BECO 2312	Principles of Microeconomics .....	3
BQBA 2302	Business Data Analysis .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BADM 2312	Communicating in Business .....	3
	Social Science .....	
UMHB 1002	Chapel .....	
UMHB 1005	Fine Arts Experience .....	

### Junior Fall

BFIN 3311	Principles of Finance.....	3
BECO 3320	Intermediate Macroeconomic Theory .....	3
BMGT 3310	Fundamentals of Management.....	3
BMKT 3311	Principles of Marketing.....	3
BSYS 3312	Management Information Systems .....	3
UMHB 1005	Fine Arts Experience .....	

### Junior Spring

	Social Science (Different than above) .....	
BECO 3321	Intermediate Microeconomic Theory.....	3
BLAW 3311	Business Law .....	3
BSYS 3325	Production Operations Management.....	3
	Upper Level Business Elective .....	
UMHB 1005	Fine Arts Experience .....	

### Senior Fall

BADM 3311	Global Competition and International Business .....	3
BECO 3312	Money and Banking.....	3
BADM 4341	Business Ethics .....	3
BECO 4350	History of Economic Thought.....	3
	Upper Level Business Elective .....	
BADM 4090	Practical Experience .....	
UMHB 1005	Fine Arts Experience .....	

### Senior Spring

BMGT 4349	Strategic Management & Policy .....	3
BECO 4370	International Economics .....	3
	or .....	

POLS 4318	International Political Economics .....	3
	Upper Level Business Elective	
BECO	Upper Level Elective	
UMHB 1005	Fine Arts Experience	

#### **B.B.A. Economics Minor Required Courses:**

BECO 3320	Intermediate Macroeconomic Theory .....	3
BECO 3321	Intermediate Microeconomic Theory.....	3
BECO 4350	History of Economic Thought.....	3
	and	
BECO 4370	International Economics .....	3
	or	
POLS 4318	International Political Economics .....	3

#### **ECONOMICS BBA MINOR**

##### **Required Courses**

6 hours upper-level at UMHB

BECO 3320	Intermediate Macroeconomic Theory .....	3
BECO 3321	Intermediate Microeconomic Theory.....	3
BECO 4350	History of Economic Thought.....	3
BECO 4370	International Economics .....	3

#### **ECONOMICS MINOR**

Students in any major field may earn a minor (18 semester hours) in Economics. Political Science, History and Business majors should consider the minor in Economics. Students planning on attending graduate school should consider the minor in Economics.

#### **DEGREE REQUIREMENTS**

##### **Required Courses:**

6 hours upper level at UMHB

BECO 2311	Principles of Macroeconomics .....	3
BECO 2312	Principles of Microeconomics.....	3
BECO 3320	Intermediate Macroeconomic Theory .....	3
BECO 3321	Intermediate Microeconomic Theory .....	3
BECO 4350	History of Economic Thought .....	3
	and	
BECO 4370	International Economics .....	3
	or	
POLS 4318	International Political Economics.....	3

#### **FINANCE B.B.A.**

An 18-hour B.B.A. major is available. This major is preparation for careers in banking, corporate finance, insurance, and real estate.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

#### **DEGREE REQUIREMENTS**

##### **Academic Core – 46 hours**

##### **Professional Business Foundation – 30 hours**

BACC 2311	Financial Accounting .....	3
BACC 2312	Managerial Accounting.....	3
BADM 1301	Introduction to Business .....	3
BADM 2312	Communicating in Business .....	3
BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2311	Principles of Macroeconomics.....	3
BECO 2312	Principles of Microeconomics .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
BQBA 2302	Business Data Analysis.....	3

**BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum**

**BECO 2312: fulfills the GI/Social Science block in the UMHB Core Curriculum**

##### **Professional Business Core – 27 hours**

BADM 3311	Global Competition and International Business .....	3
BADM 4341	Business Ethics .....	3
BFIN 3311	Principles of Finance.....	3
BLAW 3311	Business Law .....	3
BMGT 3310	Fundamentals of Management.....	3
BMGT 4349	Strategic Management & Policy .....	3



BMKT 3311	Principles of Marketing.....	3
BSYS 3312	Management Information Systems .....	3
BSYS 3325	Production Operations Management.....	3
BADM 4090	Practical Experience	

#### **B.B.A. Finance Major Required Courses – 18 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
BFIN 4345	International Financial Management .....	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, apprenticeships, or international experiences, or co-op experiences.**

**Six hours from the following:**

BFIN 3310	Business & Personal Financial Planning .....	3
BFIN 3312	Money & Banking.....	3
BFIN 3324	Insurance Planning and Financial Risk Management .....	3
BFIN 4341	Financial Statement Analysis.....	3
BFIN 4344	Financial Case Studies and Portfolio Management .....	3

**Business Electives - 9 hours upper level**

or

**Business Specialization - 9 hours**

or

**Business Area Minor - 12 hours**

or

**Second Business Major - 18 hours**

or

**Non-business Minor - 18-24 hours**

#### **SUGGESTED SCHEDULE FOR B.B.A. FINANCE MAJOR**

##### **Freshman Fall**

BADM 1301	Introduction to Business .....	3
BECO 2311	Principles of Macroeconomics.....	3
ENGL 1321	Rhetoric & Composition I.....	3
MATH 1306	College Algebra .....	3
EXAC	Activity Course .....	1
CSBS 1311	Engaging the Old Testament .....	3
UMHB 1002	Chapel	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	

##### **Freshman Spring**

BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2312	Principles of Microeconomics .....	3
ENGL 1322	Rhetoric & Composition II .....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
EXAC	Activity Course .....	1
CSBS 1312	Engaging the New Testament .....	3
UMHB 1002	Chapel	
	Scientific Inquiry or Natural Science.....	3
UMHB 1005	Fine Arts Experience	

##### **Sophomore Fall**

BACC 2311	Financial Accounting .....	3
BQBA 2302	Business Data Analysis.....	3
COMM 1320	Public Speaking .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
	Fine Arts	
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### **Sophomore Spring**

BACC 2312	Managerial Accounting.....	3
	World Ideas or Philosophy or Non-US History .....	3
BADM 2312	Communicating in Business .....	3
	Social Science	
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

**Junior Fall**

	Lab Science.....	4
BFIN 3311	Principles of Finance.....	3
BMGT 3310	Fundamentals of Management.....	3
BSYS 3325	Production Operations Management.....	3
ENGL	Literature	
UMHB 1005	Fine Arts Experience	

**Junior Spring**

BFIN 3333	Corporate Finance.....	3
BSYS 3312	Management Information Systems.....	3
BLAW 3311	Business Law.....	3
BMKT 3311	Principles of Marketing.....	3
	Upper Level Business Elective	
UMHB 1005	Fine Arts Experience	

**Senior Fall**

BADM 4341	Business Ethics.....	3
BFIN 3334	Working Capital Management.....	3
BADM 3311	Global Competition and International Business.....	3
BFIN 4331	Investment Analysis and Planning.....	3
BFIN 3322	Principles of Real Estate.....	3
	or	
BFIN 3310	Business & Personal Financial Planning.....	3
BACC 3321	Intermediate Accounting I.....	3
UMHB 1005	Fine Arts Experience	

**Senior Spring**

BMGT 4349	Strategic Management & Policy.....	3
BFIN 4341	Financial Statement Analysis.....	3
	or	
BFIN 4345	International Financial Management.....	3
	Upper Level Business Elective	
	Upper Level Business Elective	
BADM 4090	Practical Experience	
UMHB 1005	Fine Arts Experience	

# BUSINESS COMPUTER INFORMATION SYSTEMS

The objective of the Department of Business Computer Information Systems in the 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 department is to prepare information technology and systems professionals in business, industry, and government.

Four separate programs are offered in this department: B.B.A. in Business Computer Information Systems; B.B.A. in Multimedia & Information Technology, B.A. in Multimedia & Information Technology, or B.S. in Multimedia & Information Technology. A minor in Business Computer Information Systems as well as in Multimedia & Information Technology 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.

An 18-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 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.

### 124 MINIMUM HOURS

### 36 UPPER LEVEL HOURS

### 31 HOURS AT UMHB

### DEGREE REQUIREMENTS

#### Academic Core – 46 hours

#### Professional Business Foundation – 30 hours

BACC 2311	Financial Accounting .....	3
BACC 2312	Managerial Accounting .....	3
BADM 1301	Introduction to Business .....	3
BADM 2312	Communicating in Business .....	3
BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2311	Principles of Macroeconomics.....	3
BECO 2312	Principles of Microeconomics .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
BQBA 2302	Business Data Analysis.....	3

**BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum**

**BECO 2312: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum**

#### Professional Business Core – 27 hours

BADM 3311	Global Competition and International Business .....	3
BADM 4341	Business Ethics .....	3
BFIN 3311	Principles of Finance.....	3
BLAW 3311	Business Law .....	3
BMGT 3310	Fundamentals of Management.....	3
BMGT 4349	Strategic Management & Policy .....	3
BMKT 3311	Principles of Marketing.....	3
BSYS 3312	Management Information Systems .....	3
BSYS 3325	Production Operations Management.....	3
BADM 4090	Practical Experience	

#### B.B.A. Business Computer Information Systems Major Required Courses – 18 hours

#### 12 hours (6 upper level) at UMHB

#### 12 hours minimum upper level

BCIS 2330	Programming and Development Fundamentals.....	3
BCIS 3320	Database Administration.....	3
BCIS 3325	Systems Analysis and Design .....	3
BCIS 3330	IT Infrastructure .....	3
BCIS 4370	IS Management and Capstone Project .....	3
BSYS 4335	Enterprise Architecture and ERP .....	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, apprenticeships, international experiences, or co-op experiences.**

**For the 9 to 12 hours of required upper level electives for any BBA, it is recommended (but not require) that the BBA in Business Computer Information Systems student take one of the following tracks to reinforce the student's computer skills in one of the following areas: Analyst, Technical, or E-Commerce.**

#### Analyst Track-9 hours

BCIS 4341	Business Processes.....	3
BCIS 4325	Business Intelligence, Knowledge Management, and Data Mining .....	3
BSYS 4330	Supply Chain Management with ERP .....	3

#### E-Commerce Track- 9 or 12 hours

BCIS 2318	Introduction to Web Site Design .....	3
BCIS 3318	Intermediate Dynamic Web Site Design .....	3

BCIS 3340	Introduction to E-Commerce .....	3
BCIS 4365	E-Commerce Application Development .....	3
<b>Technical Track- 9 or 12 hours</b>		
BCIS 3360	IT Security & Risk Management .....	3
BCIS 3353	Advanced Programming .....	3
BCIS 3340	Introduction to E-Commerce .....	3
BCIS 4365	E-Commerce Application Development .....	3
<b>Business Electives - 9 hours upper level</b>		
<b>or</b>		
<b>Business Specialization - 9 hours</b>		
<b>or</b>		
<b>Business Area Minor - 12 hours</b>		
<b>or</b>		
<b>Second Business Major - 18 hours</b>		
<b>or</b>		
<b>Non-business Minor - 18-24 hours</b>		

#### **SUGGESTED SCHEDULE FOR B.B.A. BUSINESS COMPUTER INFORMATION SYSTEMS MAJOR:**

##### **Freshman Fall**

BCIS 1301	Technological Solutions for Personal Productivity .....	3
COMM 1320	Public Speaking .....	3
ENGL 1321	Rhetoric & Composition I .....	3
MATH 1306	College Algebra .....	3
EXAC	Activity Course.....	1
BADM 1301	Introduction to Business .....	3
UMHB 1002	Chapel	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	

##### **Freshman Spring**

	Social Science	
BECO 2311	Principles of Macroeconomics .....	3
ENGL 1322	Rhetoric & Composition II .....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
EXAC	Activity Course.....	1
CSBS 1311	Engaging the Old Testament.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### **Sophomore Fall**

BACC 2311	Financial Accounting.....	3
BCIS 2330	Programming and Development Fundamentals .....	3
BECO 2312	Principles of Microeconomics .....	3
BLDR 2350	Christian Principles in Business Leadership .....	3
CSBS 1312	Engaging the New Testament .....	3
	Lab Science .....	4
UMHB 1005	Fine Arts Experience	
UMHB 1002	Chapel	

##### **Sophomore Spring**

BACC 2312	Managerial Accounting .....	3
BQBA 2302	Business Data Analysis .....	3
BADM 2312	Communicating in Business .....	3
ENGL	Literature	
	Scientific Inquiry or Natural Science .....	3
UMHB 1005	Fine Arts Experience	
UMHB 1002	Chapel	

##### **Junior Fall**

BMGT 3310	Fundamentals of Management .....	3
BCIS 3325	Systems Analysis and Design .....	3
BLAW 3311	Business Law.....	3
BSYS 3312	Management Information Systems.....	3
	World Ideas or Philosophy or Non-US History .....	3
UMHB 1005	Fine Arts Experience	

##### **Junior Spring**

BCIS 3320	Database Administration .....	3
BFIN 3311	Principles of Finance .....	3
BSYS 3325	Production Operations Management .....	3
BMKT 3311	Principles of Marketing .....	3

UMHB 1005	Fine Arts Fine Arts Experience
<b>Senior Fall</b>	
BADM 3311	Global Competition and International Business..... 3
BCIS 3330	IT Infrastructure..... 3
BSYS 4335	Enterprise Architecture and ERP..... 3
	Upper Level Business Elective
UMHB 1005	Fine Arts Experience
<b>Senior Spring</b>	
BADM 4341	Business Ethics..... 3
BMGT 4349	Strategic Management & Policy..... 3
BCIS 4370	IS Management and Capstone Project..... 3
	Upper Level Business Elective
BADM 4090	Practical Experience
UMHB 1005	Fine Arts Experience

## BUSINESS COMPUTER INFORMATION SYSTEMS B.B.A. MINOR

### DEGREE REQUIREMENTS

Required Courses:

6 hours upper level at UMHB

BCIS 2330	Programming and Development Fundamentals..... 3
BCIS 3320	Database Administration..... 3
BCIS 3325	Systems Analysis and Design ..... 3
BCIS 4370	IS Management and Capstone Project..... 3

## MULTIMEDIA AND INFORMATION TECHNOLOGY

### Major Requirements

To receive a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree in Multimedia & Information Technology, a student must complete a minimum of 124 semester hours, to include the requirements for the B.A. degree or for the B.S. degree.

An 18-hour major on the Bachelor of Business Administration (B.B.A.) is also available. This major is preparation for individuals who plan to pursue technical, E-Commerce, and management careers in commercial graphics, multimedia design/development, and information technology.

## MULTIMEDIA AND INFORMATION TECHNOLOGY B.B.A.

An 18-hour major

**124 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core – 46 hours**

#### Professional Business Foundation – 30 hours

BACC 2311	Financial Accounting..... 3
BACC 2312	Managerial Accounting..... 3
BADM 1301	Introduction to Business ..... 3
BADM 2312	Communicating in Business ..... 3
BCIS 1301	Technological Solutions for Personal Productivity..... 3
BECO 2311	Principles of Macroeconomics..... 3
BECO 2312	Principles of Microeconomics ..... 3
BLDR 2350	Christian Principles in Business Leadership..... 3
BQBA 2301	Introduction to Quantitative Methods..... 3
BQBA 2302	Business Data Analysis..... 3

**BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum**

**BECO 2312: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum**

#### Professional Business Core – 27 hours

BADM 3311	Global Competition and International Business ..... 3
BADM 4341	Business Ethics ..... 3
BFIN 3311	Principles of Finance..... 3
BLAW 3311	Business Law ..... 3
BMGT 3310	Fundamentals of Management..... 3
BMGT 4349	Strategic Management & Policy ..... 3
BMKT 3311	Principles of Marketing..... 3

BSYS 3312	Management Information Systems .....	3
BSYS 3325	Production Operations Management.....	3
<b>B.B.A. MMIT Major Required Courses – 18 hours</b>		
<b>12 hours (6 upper level ) at UMHB</b>		
<b>12 hours minimum upper level</b>		
BCIS 2318	Introduction to Web Site Design .....	3
BCIS 3311	Social Media .....	3
BCIS 3335	Digital Video Editing .....	3
BCIS 3370	Computer 3D Modeling .....	3
BCIS 4315	Interactive Multimedia.....	3
BCIS 4370	IS Management and Capstone Project .....	3

**BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, apprenticeships, international experiences, or co-op experiences.**

**Business Electives - 9 hours upper level**

**or**

**Business Specialization - 9 hours**

**or**

**Business Area Minor - 12 hours**

**or**

**Second Business Major - 18 hours**

**or**

**Non-business Minor - 18-24 hours**

## MULTIMEDIA AND INFORMATION TECHNOLOGY B.A.

A 36-hour major for those interested in commercial graphics and multimedia design/development.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core – 63 hours**

**B.A. Multimedia and Information Technology Major Required Courses – 36 hours**

**12 hours (6 upper level) at UMHB**

**12 hours minimum upper level**

BADM 4090	Practical Experience	
BCIS 1301	Technological Solutions for Personal Productivity.....	3
BCIS 2318	Introduction to Web Site Design .....	3
BCIS 2330	Programming and Development Fundamentals.....	3
BCIS 3311	Social Media .....	3
BCIS 3325	Systems Analysis and Design .....	3
BCIS 3335	Digital Video Editing .....	3
BCIS 3340	Introduction to E-Commerce .....	3
BCIS 3350	Desktop & Digital Publishing .....	3
BCIS 3370	Computer 3D Modeling .....	3
BCIS 4315	Interactive Multimedia.....	3

**BADM 4090: 300 hours of practical work experience in major required through full- or part-time employment, paid or unpaid internships, apprenticeships, international experiences, or co-op experiences.**

**Pick one of the following**

BCIS 4370	IS Management and Capstone Project .....	3
BCIS 4395	Internship in BCIS .....	3

**Pick one of the following**

BCIS 3375	Computer 3D Animation.....	3
BCIS 3320	Database Administration .....	3
BCIS 3318	Intermediate Dynamic Web Site Design.....	3

No grade lower than “C” will count toward fulfillment of Multimedia & Information Technology 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.



## MULTIMEDIA AND INFORMATION TECHNOLOGY B.S.

A 36-hour major for those interested in commercial graphics and multimedia design/development.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core – 57 hours**

#### **B.S. Multimedia and Information Technology Major Required Courses – 36 hours**

**12 hours (6 upper level) at UMHB**

**12 hours minimum upper level**

BCIS 1301	Technological Solutions for Personal Productivity.....	3
BCIS 2318	Introduction to Web Site Design .....	3
BCIS 2330	Programming and Development Fundamentals.....	3
BCIS 3311	Social Media .....	3
BCIS 3325	Systems Analysis and Design .....	3
BCIS 3335	Digital Video Editing .....	3
BCIS 3340	Introduction to E-Commerce .....	3
BCIS 3350	Desktop & Digital Publishing.....	3
BCIS 3370	Computer 3D Modeling .....	3
BCIS 4315	Interactive Multimedia.....	3
BADM 4090	Practical Experience	

**BADM 4090: 300 hours of practical experience in major required through full- or part-time employment, paid or unpaid internships, apprenticeships, international experiences, or co-op experiences.**

**Pick one of the following**

BCIS 4370	IS Management and Capstone Project .....	3
BCIS 4395	Internship in BCIS .....	3

**Pick one of the following**

BCIS 3318	Intermediate Dynamic Web Site Design .....	3
BCIS 3320	Database Administration .....	3
BCIS 3375	Computer 3D Animation.....	3

**No grade lower than “C” will count toward fulfillment of Multimedia & Information Technology 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.**

## MULTIMEDIA AND INFORMATION TECHNOLOGY MINOR

### DEGREE REQUIREMENTS

**Required Courses – 18 hours**

**6 hours upper level at UMHB**

BCIS 1301	Technological Solutions for Personal Productivity .....	3
BCIS 2318	Introduction to Web Site Design .....	3
BCIS 3311	Social Media.....	3
BCIS 3335	Digital Video Editing.....	3
BCIS 3370	Computer 3D Modeling.....	3

**Pick one of the following courses:**

BCIS 3318	Intermediate Dynamic Web Site Design .....	3
BCIS 3350	Desktop & Digital Publishing .....	3
BCIS 3375	Computer 3D Animation .....	3
BCIS 4315	Interactive Multimedia .....	3

**NOTE: Students majoring in Multimedia & Information Technology may not take this minor.**

**Students must earn a “C” or better for courses in this minor**

# MANAGEMENT, ENTREPRENEURSHIP AND MARKETING

## MANAGEMENT

An 18-hour B.B.A. major or a 12-hour B.B.A. minor (beyond the 9 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.

## MANAGEMENT B.B.A.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core – 46 hours**

#### Professional Business Foundation – 30 hours

BACC 2311	Financial Accounting.....	3
BACC 2312	Managerial Accounting.....	3
BADM 1301	Introduction to Business.....	3
BADM 2312	Communicating in Business.....	3
BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2311	Principles of Macroeconomics.....	3
BECO 2312	Principles of Microeconomics.....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BQBA 2301	Introduction to Quantitative Methods.....	3
BQBA 2302	Business Data Analysis.....	3

**BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum**

**BECO 2312: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum**

#### Professional Business Core – 27 hours

BADM 3311	Global Competition and International Business.....	3
BADM 4341	Business Ethics.....	3
BFIN 3311	Principles of Finance.....	3
BLAW 3311	Business Law.....	3
BMGT 3310	Fundamentals of Management.....	3
BMGT 4349	Strategic Management & Policy.....	3
BMKT 3311	Principles of Marketing.....	3
BSYS 3312	Management Information Systems.....	3
BSYS 3325	Production Operations Management.....	3
BADM 4090	Practical Experience	

#### B.B.A. Management Major Required Courses – 18 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, apprenticeships, international experiences, or co-op experiences.**

**Plus four of the following courses:**

BMGT 3330	Negotiation.....	3
BMGT 3334	Team Management.....	3
BMGT 3340	Project Management.....	3
BMGT 3345	Nonprofit Management.....	3
BMGT 3360	Entrepreneurial Management.....	3
BMGT 4322	Small Business Management.....	3
BMGT 4340	International Management.....	3
BENT 4351	Managing the Entrepreneurial Family Business.....	3

**Business Electives - 9 hours upper level**

**or**

**Business Specialization - 9 hours**

**or**

**Business Area Minor - 12 hours**

**or**

**Second Business Major - 18 hours**

**or**

**Non-business Minor - 18-24 hours**

## SUGGESTED SCHEDULE FOR B.B.A. MANAGEMENT MAJOR:

### Freshman Fall

BADM 1301	Introduction to Business .....	3
BECO 2311	Principles of Macroeconomics .....	3
ENGL 1321	Rhetoric & Composition I .....	3
MATH 1306	College Algebra .....	3
CSBS 1311	Engaging the Old Testament.....	3
EXAC	Activity Course.....	1
UMHB 1002	Chapel	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	

### Freshman Spring

BCIS 1301	Technological Solutions for Personal Productivity .....	3
BECO 2312	Principles of Microeconomics .....	3
ENGL 1322	Rhetoric & Composition II.....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
CSBS 1312	Engaging the New Testament .....	3
EXAC	Activity Course.....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

### Sophomore Fall

BACC 2311	Financial Accounting.....	3
COMM 1320	Public Speaking .....	3
BQBA 2302	Business Data Analysis .....	3
BLDR 2350	Christian Principles in Business Leadership .....	3
	Fine Arts	
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

### Sophomore Spring

BACC 2312	Managerial Accounting .....	3
BADM 2312	Communicating in Business .....	3
	Scientific Inquiry or Natural Science .....	3
ENGL	Literature	
	Lab Science .....	4
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

### Junior Fall

	World Ideas	
BFIN 3311	Principles of Finance .....	3
BMGT 3310	Fundamentals of Management .....	3
BSYS 3325	Production Operations Management.....	3
BSYS 3312	Management Information Systems.....	3
UMHB 1005	Fine Arts Experience	

### Junior Spring

	Upper Business Elective	
BLAW 3311	Business Law.....	3
BMGT 3315	Organizational Behavior.....	3
BMGT	Major Course	
BMKT 3311	Principles of Marketing .....	3
UMHB 1005	Fine Arts Experience	

### Senior Fall

BMGT 3321	Human Resources Management .....	3
BADM 3311	Global Competition and International Business.....	3
BMGT	Major Course	
BMGT	Major Course	
	Social Science	
UMHB 1005	Fine Arts Experience	

### Senior Spring

BMGT	Major Course	
BADM 4341	Business Ethics.....	3
BMGT 4349	Strategic Management & Policy.....	3
	Upper Level Business Elective	
	Upper Level Business Elective	
BADM 4090	Practical Experience	
UMHB 1005	Fine Arts Experience	

## MANAGEMENT B.B.A. MINOR

### DEGREE REQUIREMENTS

#### Required Courses:

##### 6 hours upper level at UMHB

BMGT 3315	Organizational Behavior .....	3
BMGT 3321	Human Resources Management .....	3

Please select two additional BMGT 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 BMGT/BENT courses:

Students may select BENT 3310 and/or BENT 4351 for application toward the three additional courses.

## MARKETING

An 18-hour B.B.A. major, 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, retailing, and advertising.

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.

### DEGREE REQUIREMENTS

#### Academic Core – 46 hours

##### Professional Business Foundation – 30 hours

BACC 2311	Financial Accounting .....	3
BACC 2312	Managerial Accounting .....	3
BADM 1301	Introduction to Business .....	3
BADM 2312	Communicating in Business .....	3
BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2311	Principles of Macroeconomics.....	3
BECO 2312	Principles of Microeconomics .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
BQBA 2302	Business Data Analysis .....	3
BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum		
BECO 2312: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum		

##### Professional Business Core – 27 hours

BADM 3311	Global Competition and International Business .....	3
BADM 4341	Business Ethics .....	3
BFIN 3311	Principles of Finance.....	3
BLAW 3311	Business Law .....	3
BMGT 3310	Fundamentals of Management .....	3
BMGT 4349	Strategic Management & Policy .....	3
BMKT 3311	Principles of Marketing.....	3
BSYS 3312	Management Information Systems .....	3
BSYS 3325	Production Operations Management.....	3
BADM 4090	Practical Experience	

##### 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, apprenticeships, international experiences, or co-op experiences.

Please select three of the following courses:

BMKT 3312	Advertising and Promotion .....	3
BMKT 3315	Event marketing	
BMKT 3353	Selling and Sales Management .....	3
BMKT 4340	International Marketing .....	3
BMKT 4360	Marketing through Social Media .....	3

BMKT 4370	Mission Based Marketing .....	3
BMKT 4380	New Product Marketing .....	3
<b>Business Electives - 9 hours upper level</b>		
<b>or</b>		
<b>Business Specialization - 9 hours</b>		
<b>or</b>		
<b>Business Area Minor - 12 hours</b>		
<b>or</b>		
<b>Second Business Major - 18 hours</b>		
<b>or</b>		
<b>Non-business Minor - 18-24 hours</b>		

#### SUGGESTED SCHEDULE FOR B.B.A. MARKETING MAJOR:

##### Freshman Fall

BADM 1301	Introduction to Business .....	3
BECO 2312	Principles of Microeconomics .....	3
ENGL 1321	Rhetoric & Composition I .....	3
MATH 1306	College Algebra .....	3
CSBS 1311	Engaging the Old Testament Survey .....	3
EXAC	Activity Course .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	
UMHB 1101	Freshman Seminar .....	1

##### Freshman Spring

BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2311	Principles of Macroeconomics.....	3
ENGL 1322	Rhetoric & Composition II .....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
CSBS 1312	Engaging the New Testament .....	3
EXAC	Activity Course .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Sophomore Fall

BACC 2311	Financial Accounting .....	3
COMM 1320	Public Speaking .....	3
BQBA 2302	Business Data Analysis.....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
	Fine Arts	
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Sophomore Spring

BACC 2312	Managerial Accounting.....	3
BADM 2312	Communicating in Business .....	3
	Scientific Inquiry or Natural Science.....	3
ENGL	Literature	
	Lab Science.....	4
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Junior Fall

	World Ideas	
BSYS 3312	Management Information Systems .....	3
BLAW 3311	Business Law .....	3
BMKT 3311	Principles of Marketing.....	3
BSYS 3325	Production Operations Management.....	3
UMHB 1005	Fine Arts Experience	

##### Junior Spring

	Upper Business Elective	
BFIN 3311	Principles of Finance.....	3
BMGT 3310	Fundamentals of Management .....	3
BMKT 3322	Consumer Behavior .....	3
BMKT	Major Course	
UMHB 1005	Fine Arts Experience	

##### Senior Fall

BADM 3311	Global Competition and International Business .....	3
BMKT	Major Course	

BMKT	Major Course	
BMKT 3331	Marketing Research .....	3
	Social Science	
UMHB 1005	Fine Arts Experience	
<b>Senior Spring</b>		
BADM 4341	Business Ethics .....	3
BMKT 4341	Marketing Strategy.....	3
BMGT 4349	Strategic Management & Policy .....	3
	Upper Level Business Elective	
	Upper Level Business Elective	
BADM 4090	Practical Experience	
UMHB 1005	Fine Arts Experience	

## 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 BMKT course:**

## 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 BMKT courses**

6 additional hours in BMKT courses .....	6
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# INTERNATIONAL BUSINESS

An 18-hour B.B.A. major, 12-hour B.B.A. minor (beyond the 3 hours of International Business in the Business Core of the B.B.A. degree), and an 18-hour B.A./B.S. minor is available. The major is preparation for individuals who seek to become employed in international for-profit organizations, non-governmental organizations, and governmental entities.

## INTERNATIONAL BUSINESS B.B.A.

**124 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

#### Academic Core – 46 hours

#### Professional Business Foundation – 30 hours

BACC 2311	Financial Accounting .....	3
BACC 2312	Managerial Accounting .....	3
BADM 1301	Introduction to Business .....	3
BADM 2312	Communicating in Business .....	3
BCIS 1301	Technological Solutions for Personal Productivity.....	3
BECO 2311	Principles of Macroeconomics.....	3
BECO 2312	Principles of Microeconomics .....	3
BLDR 2350	Christian Principles in Business Leadership.....	3
BQBA 2301	Introduction to Quantitative Methods .....	3
BQBA 2302	Business Data Analysis.....	3
BECO 2311: fulfills 3 of the 6 hours of Social Science in the UMHB Core Curriculum		
BECO 2312: fulfills the Global Issues/Social Science block in the UMHB Core Curriculum		

#### Professional Business Core – 27 hours

BADM 3311	Global Competition and International Business .....	3
BADM 4341	Business Ethics .....	3
BFIN 3311	Principles of Finance.....	3
BLAW 3311	Business Law .....	3
BMGT 3310	Fundamentals of Management .....	3
BMGT 4349	Strategic Management & Policy .....	3
BMKT 3311	Principles of Marketing.....	3
BSYS 3312	Management Information Systems .....	3
BSYS 3325	Production Operations Management.....	3
BADM 4090	Practical Experience	

#### B.B.A. International Business Major Required Courses – 18 hours:

##### 12 hours (6 upper level) at UMHB

##### 12 hours minimum upper level

BADM 3351	Culture and Global Business.....	3
BECO 4370	International Economics .....	3
BFIN 4345	International Financial Management .....	3
BMGT 4340	International Management .....	3
BMKT 4340	International Marketing .....	3
	International/Global Upper Level Business Elective.....	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, apprenticeships, international experiences, and co-op experiences.

Students with an International Business Major must have at least three hours of business course credits via study abroad programs. This requirement may be met by taking a for-credit UMHB College of Business international study trip.

#### Business Electives - 9 hours upper level

or

#### Business Specialization - 9 hours

or

#### Business Area Minor - 12 hours

or

#### Second Business Major - 18 hours

or

#### Non-business Minor - 18-24 hours

## INTERNATIONAL BUSINESS B.B.A. MINOR

### DEGREE REQUIREMENTS

#### Required Courses:

BADM 3351	Culture and Global Business.....	3
	3 International/Global Upper Level	
	Business Elective .....	9

Students with an International Business Minor must have at least three hours of business course credits via study abroad programs. This requirement may be met by taking a for-credit UMHB College of Business international study trip.

**INTERNATIONAL BUSINESS B.A./B.S. MINOR**

An 18-hour minor in International Business is available to students majoring outside the College of Business. Students majoring in Political Science, Christian Ministry, Christian Studies, or Modern Foreign Languages will find a minor in International Business particularly advantageous.

**DEGREE REQUIREMENTS**

**Required Courses**

BADM 3311	Global Competition and International Business .....	3
<b>Please select five of the following courses:</b>		
BADM 3351	Culture and Global Business.....	3
BADM 4312	Global Business as Mission .....	3
BADM 4320	Global Social Enterprise .....	3
BADM 4351	Global Commerce .....	3
BECO 4370	International Economics .....	3
BENT 4360	International Entrepreneurship.....	3
BFIN 4345	International Financial Management .....	3
BMGT 4340	International Management .....	3
BMKT 4340	International Marketing .....	3

# COLLEGE OF CHRISTIAN STUDIES

**Timothy G. Crawford, Ph.D., 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 seeking to empower 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 archaeology. 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 two degree programs and a variety of minors designed to meet the needs and interests of students. Each degree program includes the core courses required of all UMHB students, foundational Christian Studies courses, and courses for the preferred concentration. The College also offers minors to all university students in the areas of Christian Studies, Biblical Studies, Philosophy, Christian Missions and Biblical Languages. The degree programs of the College prepare students for advanced study in graduate schools or seminary and for service in the local church or other ministry and mission settings.

## 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

UMHB students 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 a minor 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 the BA foreign language 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 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.

## 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 B.A. in Christian Studies does not require a minor. However, Christian Studies majors may also complete a minor in Biblical Languages, Philosophy, Christian Missions, or in a discipline outside the College. B.A. students who are majoring in a field in Christian Studies may not minor in Biblical Studies or Christian Studies.

## 124 MINIMUM HOURS

## 36 UPPER LEVEL HOURS

## 31 HOURS AT UMHB

## DEGREE REQUIREMENTS

**Academic Core – 63 hours** (see Bachelor of Arts Academic Core)  
(includes Old and New Testament Surveys CSBS 1311 and CSBS 1312)

## Foundations Courses – 14 hours

CCST 2200	Research and Writing in Christian Studies .....	2
CSBS 2301	Biblical Backgrounds .....	3
CSCH 2318	Introduction to Church History .....	3
CSMN 1320	Introduction to Christian Ministry .....	3
CSTH 2316	Introduction to Christian Theology .....	3

## Advanced Christian Studies-12 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 Theology or Philosophy.....	3

## Christian Studies Electives - 9 hours

Select 9 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.....	
GREK 3313	Intermediate Greek I.....	3
GREK 3314	Intermediate Greek II.....	3
HBRW 3313	Intermediate Hebrew I.....	3
HBRW 3314	Intermediate Hebrew II.....	3

Philosophy .....	
Theology .....	

**Capstone Courses - 2 hours**

CCST 4290	Senior Capstone.....	2
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**12 hours (6 upper level) at UMHB**

**12 hours minimum upper level**

**General Electives - 24 hours**

**SUGGESTED SCHEDULE FOR CHRISTIAN STUDIES B.A.**

**Freshman Year – 31 hours**

ENGL 1321-1322	.....	6
COMM 1320	Public Speaking.....	3
CSBS 1311	Engaging the Old Testament.....	3
CSBS 1312	Engaging the New Testament .....	3
	Social Science.....	6
	Fine Arts.....	3
MATH	(1304 or higher) .....	3
CSMN 1320	Introduction to Christian Ministry .....	3
	Freshman Seminar .....	1
	Chapel (each semester).....	
	Fine Arts Experience (each semester) .....	
Social Science: From these areas - History, Political Science, Psychology, Sociology, Criminology, or Social Work		

**Sophomore Year – 32 hours**

	Literature (British Literature preferred).....	6
	Foreign Language (one of the Biblical Languages, Spanish, French, Latin, or German) .....	8
	Lab Science.....	4
PHIL 2315	Introduction to Philosophy.....	3
CSBS 2301	Biblical Backgrounds .....	3
CSCH 2318	Introduction to Church History .....	3
CSTH 2316	Introduction to Christian Theology .....	3
CCST 2200	Research and Writing in Christian Studies .....	2
	Chapel (each semester).....	
	Fine Arts Experience (each semester) .....	

**PHIL 2315: fulfills World Ideas**

**Junior Year – 31 hours**

Foreign Language (second year of the same language taken in the sophomore year) .....	6
Global Issues .....	3
Upper Level Old Testament and New Testament .....	6
3000 to 4000-level Christian Studies courses.....	6
Scientific Inquiry.....	3
Elective courses.....	6
Physical Education (activity course).....	1
Fine Arts Experience (each semester) .....	

**Senior Year – 30 hours**

	3000 to 4000-level Christian Studies courses.....	9
CCST 4290	Senior Capstone.....	2
	Elective courses.....	18
	Physical Education (activity course).....	1
	Fine Arts Experience (each semester) .....	

**Subtotal: 124**

## 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 Pastoral Ministry, Age-Related Ministry, or Christian Missions. All BCM students must also complete one year of study in a biblical language of their choice: Hebrew or Greek.

### 124 MINIMUM HOURS

### 36 UPPER LEVEL HOURS

### 31 HOURS AT UMHB

### DEGREE REQUIREMENTS

**Academic Core – 57 hours** (see Bachelor of Christian Ministry Academic Core)

#### Christian Studies Foundation – 14 hours

CCST 2200	Research and Writing in Christian Studies .....	2
CSBS 2301	Biblical Backgrounds .....	3
CSMN 1320	Introduction to Christian Ministry .....	3
CSCH 2318	Introduction to Church History .....	3
CSTH 2316	Introduction to Christian Theology .....	3

#### Advanced Christian Studies – 12 hours

Upper Level New Testament .....	3
Upper Level Old Testament .....	3
Upper Level Theology or Philosophy .....	3
Upper Level Church History .....	3

#### Christian Ministry Core- 6 hours

CSMN 3305	Personal Discipleship and Disciple-Making .....	3
CSMN 3306	Congregational Leadership .....	3

#### Capstone Courses – 2 hours

CCST 4290	Senior Capstone .....	2
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### CONCENTRATIONS

Select a minimum of 4 courses from one of the following concentrations:

#### Pastoral Ministry Concentration – 12 hours

CSMN 3310	Sermon Preparation .....	3
CSMN 3331	Pastoral Ministry .....	3
CSMN 4316	Supervised Ministry Internship .....	3
	CSMN Elective- 3 hours .....	3

#### Age-Related Ministry: Children, Youth or Senior Adult Ministry Concentration – 12 hours

CSMN 4316	Supervised Ministry Internship .....	3
CSMN 3311	Introduction to Religious Education .....	3
	CSMN Elective- 3 hours .....	3

And choose one of the following:

CSMN 3329	Children's Ministry .....	3
	or	
CSMN 3330	Youth Ministry .....	3

#### Christian Missions Concentration – 12 hours

CSMN 3333	Cross-Cultural Ministry .....	3
CSMN 3335	World Missions Theory & Practice .....	3
CSMN 4316	Supervised Ministry Internship .....	3
	CSMN Elective or CSCH History of Christian Missions	3

#### General Electives- 21 Hours

### SUGGESTED SCHEDULE FOR BACHELOR OF CHRISTIAN MINISTRY MAJOR

#### Freshman Year – 31 hours

ENGL 1321-1322	.....	6
COMM 1320	Public Speaking .....	3
CSBS 1311	Engaging the Old Testament .....	3
CSBS 1312	Engaging the New Testament .....	3
	Social Science .....	6
	Fine Arts .....	3
MATH	(1304 or higher) .....	3
CSMN 1320	Introduction to Christian Ministry .....	3
	Freshman Seminar .....	1
	Chapel (each semester) .....	
	Fine Arts Experience (each semester) .....	

Social Science: select two courses from these areas: History, Political Science, Psychology, Sociology, Criminology, or Social Work

**Sophomore Year – 32 hours**

	Literature (British Literature recommended) .....	6
	Hebrew or Greek (two semesters of the same language) .....	8
	Lab Science .....	4
CSBS 2301	Biblical Backgrounds .....	3
	Global Issues .....	3
CCST 2200	Research and Writing in Christian Studies .....	2
CSCH 2318	Introduction to Church History .....	3
CSTH 2316	Introduction to Christian Theology .....	3
	Chapel (each semester) .....	
	Fine Arts Experience (each semester) .....	

**Junior Year – 31 hours**

	3000 to 4000-level courses from one of the concentrations listed below .....	9
PHIL 2315	Introduction to Philosophy .....	3
	Upper Level Old Testament and New Testament .....	6
	Scientific Inquiry .....	3
	Elective courses .....	9
	Fine Arts Experience (each semester) .....	

Concentrations: Pastoral Ministry, Age-Related Ministry and Christian Missions: four courses from one of these areas.

PHIL 2315: fulfills World Ideas

**Senior Year – 30 hours**

	3000 to 4000-level courses from one of the concentrations listed below .....	6
	additional Christian Studies courses .....	6
	Elective courses .....	18
	Physical Education (activity course) .....	1
CCST 4290	Senior Capstone .....	2
	Fine Arts Experience (each semester) .....	

**Subtotal: 124**

**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 2301	Biblical Backgrounds .....	3
12 hours of upper-division (3000-4000 level) courses in biblical studies .....		12

**CHRISTIAN MISSIONS MINOR****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:		
CSCH 2318	Introduction to Church History .....	3
CSTH 2316	Introduction to Christian Theology .....	3
Select three from the below list:		
CSMN 3333	Cross-Cultural Ministry .....	3
CSMN 3335	World Missions Theory & Practice .....	3
CSCH 4312	History of Christian Missions .....	3
PHIL 4315	World Religions .....	3



## 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, and CSMN

NOTE: Music majors may substitute three (3) hours of MUSI 1180/3180, MUSI 3289, MUSI 3380, MUSI 3381, MUSI 4281 or MUSI 4380 for electives in CSMN.

## 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 3312 and/or CSTH 3345 may also count toward this minor.

## 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 I .....3

EDUC 4385 Educational Internship.....3

# COLLEGE OF EDUCATION

**Joan Berry, Ed.D.**  
**Interim 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 in all areas. The Department of Education offers undergraduate and post-baccalaureate educator preparation programs for Early Childhood through Grade 6, Grades 4-8, and Grades 7-12 English, math, sciences, and history. Also offered are programs for all-level art, music, physical education, Spanish, speech, and technology applications. All educator certification paths are endorsed by the Texas State Board for Educator Certification. The Department of Exercise and Sport Science offers majors in Exercise Physiology, Fitness and Wellness Promotion, Sport Management, and Pre-Physical Therapy, and Early Childhood through Grade 12 Physical Education, through selected and varied programs.

Programs within the College of Education are accredited by 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.

# EXERCISE AND SPORT SCIENCE (EXSS)

## Dr. Cliffo Foster, Associate Dean

The Department of Exercise & Sport Science seeks to develop the total personality of the individual student through a selected and varied program of pre-physical therapy, sport management, physical education teacher education, exercise physiology, applied fitness and conditioning activities, and related educational internships and opportunities. **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, Fitness and Wellness Promotion, and Pre-Physical Therapy 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 department 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 Physical Therapy.
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 Fitness Wellness.
7. A professional preparation curriculum program to prepare students who plan to pursue an advanced degree in Exercise Physiology and Sports Administration.

## EXERCISE PHYSIOLOGY B.S.

The B.S. In Exercise Physiology is the major of choice for students that desire to entire this broad field that includes careers in cardiac and pulmonary rehabilitation, performance specialists, strength & conditioning coaches, exercise physiologists, corporate fitness, and many more. Coursework will cover an in depth study of anatomy, nutrition, physiology associated with exercise and exercise training, exercise prescription, sport performance, and includes a capstone internship experience in the students desired field of specialization. Students also have a lot of flexibility in their elective hours so that they can advance their studies in the major but also use those to complete pre-requisite courses associated with various pre-professional fields of study and prepare them for entry into graduate programs.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core –57 hours**

### B.S. EXERCISE PHYSIOLOGY MAJOR REQUIRED COURSES – 39 HOURS

**12 hours (6 upper level) at UMHB**

**12 hours minimum upper level**

EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
EXSS 2352	Personal Fitness and Wellness (Theory Course).....	3
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
EXSS 3135	Advanced Resistance Training (Activity Course).....	1
EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....	1
EXSS 3354	Performance Nutrition (Theory Course).....	3
EXSS 3379	Exercise and Sport Psychology (Theory Course) .....	3
EXSS 3390	Anatomical Kinesiology (Theory Course).....	3
EXSS 3395	Physiology of Exercise (Theory Course).....	3
EXSS 3396	Physiology of Exercise II (Theory Course) .....	3
EXSS 4344	Administration of Exercise and Sport Science (Theory Course).....	3
EXSS 4350	Principles and Techniques of Strength Training and Conditioning (Theory Course).....	3
EXSS 4392	Tests and Measurements in Exercise and Sport Science (Theory Course).....	3
EXSS 4394	Exercise Testing and Prescription (Theory Course) .....	3
EXSS 4398	Internship in Exercise Science (Capstone - Theory Course) .....	3

#### Required Support Courses for the Major:

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

Grades of “C” or better are required in all courses (including BIOL 2340/2140 and BIOL 2341/2141) counting toward the Exercise Physiology major.

## EXERCISE PHYSIOLOGY (B.S.) COURSES OF STUDY BY YEAR.

### Freshman Year

ENGL 1321	Rhetoric & Composition I.....	3
ENGL 1322	Rhetoric & Composition II .....	3
CSBS 1311	Engaging the Old Testament .....	3
CSBS 1312	Engaging the New Testament .....	3
EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
MATH 1304	Quantitative Reasoning .....	3
UMHB 1101	Freshman Seminar .....	1
COMM 1320	Public Speaking .....	3
	Social Science .....	3
	Elective .....	3
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	
MATH 1304: or higher		

### Sophomore Year

ENGL	Literature .....	6
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
	Social Science .....	3
	Fine Arts.....	3
EXSS 2352	Personal Health and Wellness (Theory Course).....	3
	Electives.....	9
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

### Junior Year

EXSS 3354	Performance Nutrition (Theory Course).....	3
EXSS 3379	Exercise and Sport Psychology (Theory Course).....	3
EXSS 3390	Anatomical Kinesiology (Theory Course).....	3
EXSS 3395	Physiology of Exercise (Theory Course).....	3
EXSS 3396	Physiology of Exercise II (Theory Course).....	3
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
	Electives.....	6
	Scientific Inquiry.....	3
	Global Issues .....	3
	Lab Science.....	4
EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....	1
EXSS 3135	Advanced Resistance Training (Activity Course).....	1
UMHB 1005	Fine Arts Experience X 2	

### Senior Year

EXSS 4350	Principles and Techniques of Strength Training and Conditioning (Theory Course).....	3
EXSS 4392	Tests and Measurements in Exercise and Sport Science (Theory Course).....	3
EXSS 4394	Exercise Testing and Prescription (Theory Course) .....	3
EXSS 4344	Administration of Exercise and Sport Science (Theory Course).....	3
EXSS 4398	Internship in Exercise Science (Capstone - Theory Course) .....	3
	Electives.....	12
	World Ideas .....	3
UMHB 1005	Fine Arts Experience X 2	

## FITNESS AND WELLNESS PROMOTION, B.S.

The B.S. in Fitness and Wellness Promotion is designed to provide education and experiences for students seeking careers in personal training, corporate wellness, and health and fitness facility ownership. Students will take courses in group fitness programming, wellness programming and assessment, entrepreneurship in fitness, wellness, and sport and will receive additional training in exercise physiology and sport management. Students will choose from various electives to tailor the degree plan to their areas of interest within the broad field of exercise and sport science.

### DEGREE REQUIREMENTS

**Academic Core –57 hours (see Bachelor of Science Academic Core)**

**B.S. Fitness and Wellness Major Requirements**

**12 hours (6 upper level) at UMHB**

**12 hours minimum upper level**

EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
EXSS 2352	Personal Fitness & Wellness(Theory Course).....	3
EXSS 3390	Anatomical Kinesiology (Theory Course).....	3
EXSS 3395	Physiology of Exercise (Theory Course).....	3

EXSS 4350	Principles and Techniques of Strength Training and Conditioning (Theory Course) .....	3
EXSS 3354	Performance Nutrition (Theory Course) .....	3
EXSS 4320	Group Fitness Programming .....	3
EXSS 4330	Wellness Programming and Assessment .....	3
EXSS 4325	Entrepreneurship in Fitness, Wellness & Sport .....	3
EXSS 3310	Communication in Sport (Theory Course) .....	3
EXSS 3360	Sport Venue/Event Management (Theory Course) .....	3
EXSS 3374	Sport Promotion/Marketing (Theory Course) .....	3
EXSS 4398	Internship in Exercise Science (Capstone - Theory Course) .....	3

#### Recommended Support Courses

EXSS 4344	Administration of Exercise and Sport Science (Theory Course) .....	3
EXSS 3379	Exercise and Sport Psychology (Theory Course) .....	3
EXSS 3396	Physiology of Exercise II (Theory Course) .....	3

### FITNESS & WELLNESS PROMOTION STUDY BY YEAR

#### Freshman Year

ENGL 1321	Rhetoric & Composition I .....	3
ENGL 1322	Rhetoric & Composition II .....	3
CSBS 1311	Engaging the Old Testament .....	3
CSBS 1312	Engaging the New Testament .....	3
EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
MATH 1304	Quantitative Reasoning .....	3
EXSS 2353	Lifespan Nutrition (Theory Course) .....	3
UMHB 1101	Freshman Seminar .....	1
COMM 1320	Public Speaking .....	3
EXSS 2352	Personal Fitness & Wellness (Theory Course) .....	3
	Social Science .....	3
UMHB 1002	Chapel X 2 .....	
UMHB 1005	Fine Arts Experience X 2 .....	

#### Sophomore Year

ENGL	Literature .....	6
EXSS 3390	Anatomical Kinesiology (Theory Course) .....	3
EXSS 3395	Physiology of Exercise (Theory Course) .....	3
	World Ideas or Philosophy or Non-US History .....	3
BIOL 2140	Human Anatomy & Physiology I Lab .....	1
BIOL 2141	Human Anatomy & Physiology II Lab .....	1
BIOL 2340	Human Anatomy & Physiology I .....	3
BIOL 2341	Human Anatomy & Physiology II .....	3
	Social Science .....	3
	Fine Arts .....	3
	Upper Division Elective .....	3
UMHB 1002	Chapel X 2 .....	
UMHB 1005	Fine Arts Experience X 2 .....	

#### Junior Year

EXSS 3354	Performance Nutrition (Theory Course) .....	3
EXSS 3310	Communication in Sport (Theory Course) .....	3
EXSS 3360	Sport Venue/Event Management (Theory Course) .....	3
EXSS 3374	Sport Promotion/Marketing (Theory Course) .....	3
EXSS 3379	Exercise and Sport Psychology (Theory Course) .....	3
EXSS 3396	Physiology of Exercise II (Theory Course) .....	3
EXSS 4330	Wellness Programming and Assessment .....	3
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
EXSS 3135	Advanced Resistance Training (Activity Course) .....	1
	Lab Science (Non Biology) .....	4
	Upper Division Elective .....	3
UMHB 1005	Fine Arts Experience X 2 .....	

#### Summer

EXSS 4398	Internship in Exercise Science (Capstone - Theory Course) .....	3
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#### Senior Year

EXSS 4320	Group Fitness Programming .....	3
EXSS 4350	Principles and Techniques of Strength Training and Conditioning (Theory Course) .....	3
EXSS 4325	Entrepreneurship in Fitness, Wellness & Sport .....	3
EXSS 4344	Administration of Exercise and Sport Science (Theory Course) .....	3
	Scientific Inquiry .....	3
	Electives (Upper Level) .....	13

## EXERCISE SCIENCE MINOR

### DEGREE REQUIREMENTS

#### Required Courses –24 hours

#### 6 hours upper level at UMHB

EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
EXSS 2352	Personal Fitness & Wellness(Theory Course).....	3
EXSS 3135	Advanced Resistance Training (Activity Course).....	1
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....	1
EXSS 3354	Performance Nutrition (Theory Course).....	3
EXSS 3390	Anatomical Kinesiology (Theory Course).....	3
EXSS 3395	Physiology of Exercise (Theory Course).....	3
EXSS 4344	Administration of Exercise and Sport Science (Theory Course).....	3
EXSS 4392	Tests and Measurements in Exercise and Sport Science (Theory Course) .....	3

Grades of “C” or better required in all courses in the Exercise Science Minor.

## PRE-PHYSICAL THERAPY TRACK, B.S.

Students can declare as a Pre-Physical Therapy major at any time if they have completed less than 60 hours of course work. Following the completion of 60 hours, a Pre-Physical Therapy major is required to maintain a minimum cumulative 3.0 GPA. A student who has a GPA lower than the minimum requirements will be required to change their major from Pre-Physical Therapy. Once 60 hours is complete towards a Pre-Physical Therapy degree, students must maintain a minimum cumulative 3.0 GPA.

#### 124 MINIMUM HOURS

#### 36 UPPER LEVEL HOURS

#### 31 HOURS AT UMHB

### DEGREE REQUIREMENTS

#### Academic Core –57 hours

## B.S. PRE-PHYSICAL THERAPY TRACK MAJOR REQUIRED COURSES –77 HOURS

#### 12 hours (6 upper level) at UMHB

#### 12 hours minimum upper level

EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
EXSS 2352	Personal Fitness & Wellness(Theory Course).....	3
EXSS 2355	Medical Terminology (Theory Course) .....	3
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
EXSS 3135	Advanced Resistance Training (Activity Course).....	1
EXSS 3354	Performance Nutrition (Theory Course).....	3
EXSS 3357	Pharmacology in Sport (Theory Course) .....	3
EXSS 3390	Anatomical Kinesiology (Theory Course).....	3
EXSS 3395	Physiology of Exercise (Theory Course).....	3
EXSS 3396	Physiology of Exercise II (Theory Course) .....	3
EXSS 4103	Seminar in Pre-Physical Therapy (Theory Course).....	1
EXSS 4392	Tests and Measurements in Exercise and Sport Science (Theory Course) .....	3
EXSS 4394	Exercise Testing and Prescription (Theory Course) .....	3
EXSS 3135 and EXSS 3107: satisfy the Core Activity PE requirement.		

#### Required Support Courses

EXSS 3170	Pre-Physical Therapy Internship I.....	1
EXSS 4170	Pre-Physical Therapy Internship II .....	1
EXSS 4171	Pre-Physical Therapy Internship III.....	1

#### Required Courses from Other Departments

BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I 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
	and Upper Level BIOL Course with Lab, BIOL 3375-3175 Recommended .....	4
CHEM 1410	General Chemistry I.....	4
CHEM 1420	General Chemistry II.....	4
MATH 2303	Statistics .....	3

PHYS 2411	General Physics I .....	4
PHYS 2412	General Physics II.....	4
PSYC 1301	General Psychology .....	3
	and.....	
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 major (including required support courses and required courses from other departments.)

#### **Recommended Support Courses for the Major**

EXSS 3379	Exercise and Sport Psychology (Theory Course).....	3
EXSS 4344	Administration of Exercise and Sport Science (Theory Course).....	3

### **PRE-PHYSICAL THERAPY (B.S.) COURSES OF STUDY BY YEAR**

#### **Freshman Year**

ENGL 1321	Rhetoric & Composition I.....	3
	and	
ENGL 1322	Rhetoric & Composition II .....	3
MATH 1306	College Algebra .....	3
CSBS 1311	Engaging the Old Testament .....	3
CSBS 1312	Engaging the New Testament .....	3
	Social Science (General Psychology (PSYC 1301), Sociology) .....	6
UMHB 1101	Freshman Seminar .....	1
COMM 1320	Public Speaking .....	3
BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab .....	1
EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

BIOL 1350/1150, MATH 1306 and PSYC 1301: These courses are prerequisite for admission to physical therapy schools and part of the hybrid Pre-PT degree requirements that replace the hours of a minor. Courses and GPA requirements listed in the degree plan are subject to change.

#### **Summer**

ENGL	Literature .....	6
EXSS 3170	Pre-Physical Therapy Internship I.....	1
MATH 1320	Pre Calculus .....	3

#### **Sophomore Year**

BIOL 2340	Human Anatomy & Physiology I.....	3
BIOL 2140	Human Anatomy & Physiology I Lab .....	1
	and.....	
BIOL 2341	Human Anatomy & Physiology II .....	3
BIOL 2141	Human Anatomy & Physiology II Lab .....	1
EXSS 2352	Personal Fitness & Wellness (Theory Course).....	3
EXSS 2355	Medical Terminology (Theory Course) .....	3
EXSS 3390	Anatomical Kinesiology (Theory Course).....	3
EXSS 2353	Lifespan Nutrition (Theory Course) .....	3
	World Ideas .....	3
	Fine Arts.....	3
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

BIOL 2340/2140 and BIOL 2341/2141: These courses are prerequisite for admission to physical therapy schools and part of the hybrid Pre-PT degree requirements that replace the hours of a minor. Courses and GPA requirements listed in the degree plan are subject to change.

EXSS 2353: Recommended for Global Issues requirement

#### **Summer**

PHYS 2411	General Physics I .....	4
	or .....	
PHYS 2412	General Physics II.....	4
PSYC 2311	Developmental Psychology .....	3
	or	
PSYC 3315	Abnormal Psychology.....	3
EXSS 4170	Pre-Physical Therapy Internship II .....	1

PHYS 2411 and PHYS 2412: These courses are prerequisite for admission to physical therapy schools and part of the hybrid Pre-PT degree requirements that replace the hours of a minor. Courses and GPA requirements listed in the degree plan are subject to change (Pre Req: MATH 1320).

#### **Junior Year**

EXSS 3354	Performance Nutrition (Theory Course).....	3
EXSS 3395	Physiology of Exercise (Theory Course).....	3
EXSS 3396	Physiology of Exercise II (Theory Course) .....	3



EXSS 3135	Advanced Resistance Training (Activity Course).....	1
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
CHEM 1410	General Chemistry I.....	4
	or	
CHEM 1420	General Chemistry II.....	4
	Electives.....	9
EXSS 4171	Pre-Physical Therapy Internship III.....	1
UMHB 1005	Fine Arts Experience X 2	

CHEM 1410, CHEM 1420, PSYC 2311, and PSYC 3315: These courses are prerequisite for admission to physical therapy schools and part of the hybrid Pre-PT degree requirements that replace the hours of a minor. Courses and GPA requirements listed in the degree plan are subject to change.

Electives: Physical therapy schools requirements vary and the start time for each program may be different, thus identifying deadlines for applications is critical for acceptance.

Recommended GPA for last 60 hours is >3.5 on a 4.0 scale for entrance into physical therapy school. Recommended GPA for pre-requisite courses (MATH, Lab Sciences) is > 3.5 on a 4.0 scale for entrance into physical therapy school.

### Summer

Continue accumulating hours of PT-related experience in at least 3 areas of physical therapy.

EXSS 4103	Seminar in Pre-Physical Therapy (Theory Course).....	1
EXSS 4392	Tests and Measurements in Exercise and Sport Science (Theory Course)	3

Average of 250 hours of physical therapy related experience is recommended for entrance into physical therapy school.

### Senior Year

EXSS 3357	Pharmacology in Sport (Theory Course) .....	3
EXSS 4394	Exercise Testing and Prescription (Theory Course) .....	3
	Upper Level BIOL Course with Lab, BIOL 3375-3175 Recommended	4
MATH 2303	Statistics .....	3
	Electives, Recommend EXSS 3379 and EXSS 4344 .....	6
	Elective .....	1

UMHB 1005	Fine Arts Experience X 2 .....	
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MATH 2303: These courses are prerequisite for admission to physical therapy schools and part of the hybrid Pre-PT degree requirements that replace the hours of a minor. Courses and GPA requirements listed in the degree plan are subject to change.

Elective: Physical therapy schools requirements vary and the start time for each program may be different, thus identifying deadlines for applications is critical for acceptance.

Typically, students apply to physical therapy school in the summer prior to (into the fall) their senior year.

**Subtotal: 124**

## PHYSICAL EDUCATION TEACHER CERTIFICATION ALL-LEVEL

The Physical Education Teacher Education (PETE) Program at UMHB has a longstanding history of preparing outstanding educators for our K-12 schools. The goal of the PETE program is to prepare future physical educators 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. Teacher candidates enroll in courses linking current educational theories and research to “real-world” applications in K-12 schools. The ability to work outside of the classroom setting as a volunteer coach or as a student mentor is another example of the diverse educational experiences found in this degree program. Upon graduation, students are qualified to apply for their Texas teacher certification and are eligible to teach physical education and coach in public and private schools, kindergarten through twelfth grade. Our graduates take pride in positively impacting their students by enabling them to develop skills, knowledge, and attitudes necessary to pursue health and to be physically active for a lifetime.

### 124 MINIMUM HOURS

### 36 UPPER LEVEL HOURS

### 31 HOURS AT UMHB

### DEGREE REQUIREMENTS

### Academic Core –57 hours

## EC-12 Major Required Courses – 40 hours

### 12 hours (6 upper level ) at UMHB

### 12 hours minimum upper level

EXSS 2330	Foundations of Teaching Physical Education (Theory Course).....	3
	or	
EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....	3
EXSS 2350	Prevention and Care of Athletic Injuries (Theory Course) .....	3
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
EXSS 3135	Advanced Resistance Training (Activity Course).....	1
EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....	1
EXSS 3300	Activity Methods for Majors (Theory Course).....	3
EXSS 3379	Exercise and Sport Psychology (Theory Course) .....	3
EXSS 3384	Coaching Theory (Theory Course) .....	3
EXSS 3390	Anatomical Kinesiology (Theory Course).....	3
EXSS 3395	Physiology of Exercise (Theory Course).....	3
EXSS 4104	Senior Seminar (Theory Course) .....	1
EXSS 4340	Elementary Methods of Teaching Physical Education (Theory Course).....	3
EXSS 4341	Secondary Methods of Teaching Physical Education (Theory Course).....	3

EXSS 4344	Administration of Exercise and Sport Science (Theory Course).....3
EXSS 4392	Tests and Measurements in Exercise and Sport Science (Theory Course).....3
EXSS 4395	Motor Behavior (Theory Course) .....3
<b>Required Support Courses for the Major:</b>	
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

In order to be certified by the State of Texas as a teacher, students must choose the **Pedagogy and Professional Practices** minor of 22 hours. In addition, students will need to fulfill general requirements for the B.S. degree and the certification requirements of the College of Education. **Grades of “C” or better are required in all courses (including BIOL 2340/2140 and BIOL 2341/2141) in the Exercise Science major, including certification programs.**

## EC-12 PHYSICAL EDUCATION TEACHER EDUCATION COURSES OF STUDY BY YEAR

### Freshman Year

ENGL 1321	Rhetoric & Composition I.....3
ENGL 1322	Rhetoric & Composition II .....3
MATH 1304	Quantitative Reasoning.....3
CSBS 1311	Engaging in Old Testament.....3
CSBS 1312	Engaging in New Testament .....3
BIOL 2340	Human Anatomy & Physiology I.....3
BIOL 2140	Human Anatomy & Physiology I Lab .....1
COMM 1320	Public Speaking .....3
EXSS 2330	Foundations of Teaching Physical Education (Theory Course).....3
	or
EXSS 2340	Introduction to Exercise and Sport Science (Theory Course) .....3
	Fine Arts.....3
UMHB 1101	Freshman Seminar .....1
UMHB 1002	Chapel X 2
UMHB 1005	Fine Arts Experience X 2

### Fine Arts: FINA 2330 Recommended

### Sophomore Year

ENGL	Literature.....6
	Exercise & Sport Science.....9
PSYC 1301	General Psychology .....3
POLS 2310	State and Federal Government I .....3
	or
POLS 2311	State and Federal Government II .....3
	World Ideas .....3
BIOL 2341	Human Anatomy & Physiology II .....3
BIOL 2141	Human Anatomy & Physiology II Lab .....1
EDUC 3315	Students and Learning.....3
	Elective .....3
UMHB 1002	Chapel X 2
UMHB 1005	Fine Arts Experience X 2

### Junior Year

	Scientific Inquiry.....3
EXSS 2353	Lifespan Nutrition (Theory Course) .....3
	or
HIST 2311	American History to 1877.....3
	Education Minor .....6
EDUC	Classroom Technology.....3
	Exercise & Sport Science.....13
EXSS 3135	Advanced Resistance Training (Activity Course).....1
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....1
	Elective .....3
UMHB 1005	Fine Arts Experience X 2

### Senior Year

	Lab Science (Non Biology) .....4
	Exercise & Sport Science (EXSS 4104).....13
	Education Minor .....3
	Education Minor .....12
	Education Minor (4150).....1
UMHB 1005	Fine Arts Experience X 2
<b>Subtotal: 124</b>	

# SPORT MANAGEMENT

**Dr. Lester Sombito, Director**

Sport Management is a dynamic field involving the interdisciplinary study of the management/administration of sport-related organizations and activities. The Sport Management Major is designed to develop graduates with strong communication and organizational skills in their professional preparation for multi-faceted, sport-related career opportunities.

Students have the opportunity to earn a Bachelor of Science or a Bachelor of Arts degree in Sport Management. The major 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 Major 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 major is to assist students in the development of skills to organize, administer, and facilitate sport programs at the corporate, agency, professional, and amateur levels. A minor or emphasis for Non-Business Majors from the College of Business is incorporated into the curriculum in order to provide a solid foundation in business related principles and education.

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 work experiences in professional settings reflecting current trends and professional practices in the sport management arena. The field experience is incorporated subsequent to the junior year under the supervision of a qualified on-site professional.

## SPORT MANAGEMENT MAJOR WITH A SELECT MINOR FROM THE COLLEGE OF BUSINESS, B. A.

**124 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core –63 hours**

### Major Required Courses –39 hours

**12 hours (6 upper level ) at UMHB**

**12 hours minimum upper level**

EXSS 2371	Principles of Sport Management (Theory Course) .....	3
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....	1
EXSS 3310	Communication in Sport (Theory Course) .....	3
EXSS 3373	Governance in Sport (Theory Course) .....	3
EXSS 3374	Sport Promotion/Marketing (Theory Course) .....	3
EXSS 3360	Sport Venue/Event Management (Theory Course) .....	3
EXSS 4375	Ethics in Sport (Theory Course) .....	3
EXSS 4376	Leadership Principles in Sport (Theory Course) .....	3
EXSS 4377	Field Experience (Theory Course) .....	3
EXSS 4378	Sport Finance (Theory Course) .....	3
EXSS 4379	Legal Aspects of Sport (Theory Course) .....	3
EXAC	Activity Course .....	1

### Two of the following:

EXSS 3372	Sociology of Sport (Theory Course) .....	3
EXSS 3375	Economics in Sport (Theory Course) .....	3
EXSS 3376	Research Methods in Sport Management (Theory Course) .....	3
EXSS 3377	International Sport Management (Theory Course) .....	3

Grades of “C” or better required in all courses in the Sport Management major.

Students majoring in Sport Management must choose a minor or emphasis designed for non-business majors from the College of Business.

## SPORT MANAGEMENT (B.A.) COURSES OF STUDY BY YEAR

### Freshman Year

ENGL 1321	Rhetoric & Composition I .....	3
ENGL 1322	Rhetoric & Composition II .....	3
CSBS 1311	Engaging in Old Testament .....	3
CSBS 1312	Engaging in New Testament .....	3
EXSS 2371	Principles of Sport Management (Theory Course) .....	3
MATH 1304	Quantitative Reasoning .....	3
	or higher	
	Elementary Foreign Language .....	8
UMHB 1101	Freshman Seminar .....	1
EXAC	Activity Course .....	1
COMM 1320	Public Speaking .....	3
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

<b>Sophomore Year</b>	
ENGL	Literature .....6
	Sport Management .....9
	Intermediate Foreign Language .....6
	Business Minor .....6
	Social Science .....6
UMHB 1002	Chapel X 2
UMHB 1005	Fine Arts Experience X 2

<b>Junior Year</b>	
	Sport Management .....9
	Business Minor .....9
	Scientific Inquiry .....3
	Fine Arts .....3
	Lab Science .....4
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....1
UMHB 1005	Fine Arts Experience X 2

<b>Summer</b>	
EXSS 4377	Field Experience (Theory Course) .....3
<b>Senior Year</b>	
EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....1
	Sport Management .....12
	Business Minor .....9
	World Ideas .....3
	Global Issues .....3
UMHB 1005	Fine Arts Experience X 2

**Subtotal: 124**

## SPORT MANAGEMENT MAJOR WITH A SELECT MINOR FROM THE COLLEGE OF BUSINESS, B. S.

**124 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core –57 hours**

**Major Required Courses –39 hours**  
**12 hours (6 upper level ) at UMHB**  
**12 hours minimum upper level**

EXSS 2371	Principles of Sport Management (Theory Course) .....3
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....1
EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....1
EXSS 3310	Communication in Sport (Theory Course) .....3
EXSS 3373	Governance in Sport (Theory Course) .....3
EXSS 3374	Sport Promotion/Marketing (Theory Course) .....3
EXSS 3360	Sport Venue/Event Management (Theory Course) .....3
EXSS 4375	Ethics in Sport (Theory Course) .....3
EXSS 4376	Leadership Principles in Sport (Theory Course) .....3
EXSS 4377	Field Experience (Theory Course) .....3
EXSS 4378	Sport Finance (Theory Course) .....3
EXSS 4379	Legal Aspects of Sport (Theory Course) .....3
EXAC	Activity Course .....1

#### **Two of the following:**

EXSS 3372	Sociology of Sport (Theory Course) .....3
EXSS 3375	Economics in Sport (Theory Course) .....3
EXSS 3376	Research Methods in Sport Management (Theory Course) .....3
EXSS 3377	International Sport Management (Theory Course) .....3

Grades of “C” or better are required in all courses in the Sport Management major.

Students majoring in Sport Management must choose a minor or emphasis designed for non-business majors from the College of Business.

## SPORT MANAGEMENT (B.S.) COURSES OF STUDY BY YEAR

### Freshman Year

ENGL 1321	Rhetoric & Composition I.....	3
ENGL 1322	Rhetoric & Composition II .....	3
CSBS 1311	Engaging in Old Testament.....	3
CSBS 1312	Engaging in New Testament .....	3
EXSS 2371	Principles of Sport Management (Theory Course) .....	3
MATH 1304	Quantitative Reasoning.....	3
	or higher	
	Lab Science .....	4
UMHB 1101	Freshman Seminar .....	1
COMM 1320	Public Speaking .....	3
EXSS	Activity Course .....	1
	Social Science	
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

### Sophomore Year

ENGL	Literature .....	6
	Sport Management .....	9
	Lab Science .....	4
	Social Science .....	3
	Fine Arts.....	3
	Business Minor .....	6
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

### Junior Year

	Sport Management .....	9
	Business Minor .....	9
	Scientific Inquiry.....	3
	Global Issues .....	3
	Lab Science .....	4
EXSS 3107	Advanced Cardiovascular Training (Activity Course) .....	1
UMHB 1005	Fine Arts Experience X 2	

### Summer

EXSS 4377	Field Experience (Theory Course).....	3
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### Senior Year

EXSS 3141	Exercise and Sport Science Practicum (Theory Course) .....	1
	Sport Management .....	12
	Business Minor .....	9
	World Ideas .....	3
	Electives.....	6
UMHB 1005	Fine Arts Experience X 2	

**Subtotal: 124**

## SPORT MANAGEMENT MINOR

### DEGREE REQUIREMENTS

**Required Courses – 24 hours**

**6 hours upper level at UMHB**

EXSS 2371	Principles of Sport Management (Theory Course) .....	3
EXSS 3374	Sport Promotion/Marketing (Theory Course).....	3
EXSS 4376	Leadership Principles in Sport (Theory Course) .....	3
EXSS 4378	Sport Finance (Theory Course).....	3
EXSS 4379	Legal Aspects of Sport (Theory Course) .....	3

#### Three of the following:

EXSS 3310	Communication in Sport (Theory Course) .....	3
EXSS 3360	Sport Venue/Event Management (Theory Course) .....	3
EXSS 3372	Sociology of Sport (Theory Course).....	3
EXSS 3373	Governance in Sport (Theory Course).....	3
EXSS 3375	Economics in Sport (Theory Course) .....	3
EXSS 3376	Research Methods in Sport Management (Theory Course).....	3
EXSS 3377	International Sport Management (Theory Course) .....	3
EXSS 4375	Ethics in Sport (Theory Course) .....	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.

# EDUCATION

## Dr. Joan Berry, Inerim Dean, College of Education

### Mission Statement

The Department of Education will provide prospective teachers and administrators with an education program that is student focused, cutting edge, and exemplary among comparable universities.

### General Information

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 make application for teacher certification. If a student has satisfied all program requirements, the recommendation for the teaching certificate is made to the state certification system by the UMHB Certification Coordinator.

Educator preparation is a cooperative effort across the university and involves other colleges and departments. All educator preparation is coordinated through the Department of Education. The university maintains a close relationship with the public schools.

The purpose of the Department of Education, in conjunction with 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's field 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 Preparation Cooperative

The Educator Preparation Program is administered under the direct supervision of the Educator Preparation Cooperative. The Associate Dean for the Department of Education serves as Chairperson of this committee, and its members are representatives from the surrounding independent school districts, supervisors, 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 Department of Education will provide prospective teachers and administrators with an educational program that is student focused, cutting edge, and exemplary among comparable universities.
2. The Department 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 Department of Education will provide programs of distinction at both the graduate and undergraduate level in the field of Education.
4. The Department of Education will provide pre-service teachers with the knowledge and skills needed to demonstrate competency on the state teacher certification examination (TExES) for the fields they have chosen.

### Advising

Students seeking teacher certification for the elementary, interdisciplinary, and middle level programs are advised in the Department of Education. Those who choose to pursue certification at the secondary level and all-level art, music, physical education, Spanish, and speech 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 second semester of the sophomore year. Students who are transferring professional education credit(s) from other colleges or universities to UMHB should see an advisor in the Department of Education for special admission procedures to the Educator Preparation Program.

### Program Requirements

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.

There are three paths leading to teacher certification at UMHB. The Undergraduate Program is traditional teacher certification coupled with the pursuit of the bachelor's degree. The Post-Baccalaureate program is for candidates with bachelor's degrees who are pursuing teacher certification through the UMHB master's program. The Alternative Certification Program is for students with bachelor's degrees who are non-degree seeking. The requirements for each are described below.

**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, scoring a minimum of 26 on the oral section.

### 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.)
2. Pass the Department of Education interview.
3. Successfully complete EDUC 3315 with a grade of "C" or better.
4. Satisfy a Basic Skills requirement. This is determined in accordance with current state law. Because of shifting state requirements, prospective students should consult the current standard as posted on the Department of Education site on the UMHB web page.
5. Satisfy the Advanced Skills requirement. This may be satisfied through a variety of assessment instruments, such as the ACT, SAT, THEA or Accuplacer. Because of changing state requirements, students should consult the current standard as posted on the Department of Education site on the UMHB web page. The required scores must be submitted to the UMHB Certification Coordinator no later than the semester when the student takes EDUC 3315.

6. Sign and adhere to the Texas Educators' Code of Ethics statement.
7. Earn a cumulative GPA of 2.75 or higher.
8. Submit a signed DOE FERPA form.
9. Complete 12 or more hours in the content field (15 if math or science).
10. Submit an application for admission into the program. 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.
11. Accept the invitation for admission. Per state law, a student must accept the invitation for admittance.
12. Demonstrate and maintain a "disposition to teach." Research reveals specific behaviors exhibited by successful educators. These are described on the Department of Education page on the UMHB web site.

**B. Student Teaching – Gateway #2**

1. Senior standing with no more than 6 semester hours remaining 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 middle, secondary, and all-level certification may student teach if they lack no more than one course in the area(s) of certification.
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 are required to complete field hours during a subsequent semester.
3. A grade of "C" or higher in public speaking.
4. A GPA of 3.0 or higher in each of the following areas that appears on the degree plan (with no grade lower than a "C"): (a) pedagogy and professional development; (b) certification area for secondary or special areas; (c) academic specialization or academic support; and (d) EDSP. Each block is calculated separately.
5. A completed application submitted to the Educator Preparation Program BEFORE the last 30 hours of coursework and prior to the student teaching semester. Applications are submitted via Gateway #2 on the student's MyCampus account page. Applications for student teaching must be in the Education Office by March 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 determined by the Director of Field Experiences.

**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 Certification Coordinator.
6. Submission of an official fingerprinting report to the Department of Education and the state certification system.
7. Submission of the official application form to the Department of Education and the state certification system.
8. Submission of the UMHB application form for certification to the UMHB Department 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 Director of Graduate Programs in Education as part of the Master's with Teaching Certification program. Coursework for completing the content of the master's program is addressed in the 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.
3. Signed DOE FERPA form.
4. Signed Educator Code of Ethics form.
5. Permission for criminal background check.
6. Interview and transcript review with the Director of Graduate Programs in Education.
7. Documentation of GPA of 2.75 or higher.
8. 12 or more hours of coursework in the field of interest (15 for math or science).
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. Competence in public speaking, demonstrated through coursework or through prior experience as verified by the Director of Graduate Programs.
3. Competence in educational technology, demonstrated through coursework or through prior experience as verified by the Director of Graduate Programs
4. Cumulative GPA of 2.75 or higher.
5. A completed application submitted to the Educator Preparation Program BEFORE the last 30 hours of coursework and prior to the internship or student teaching semester. Applications are submitted via Gateway #2 on the student's MyCampus account page. Applications must be in the Education Office by March 1 for individuals planning to student teach the following fall semester or October 1 for individuals planning to student teach the following spring semester. Internships begin in the fall of each school year ONLY. Applications for a fall internship must be submitted by March 1.

**Note** - Students are placed for student teaching in one of 16 public school districts within a 60-mile radius of UMHB. Placements are determined by the Director of Field Experiences. Interns are required to secure their own positions as teachers of record for the internship.

#### **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 the PPR TExES exam, 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 Department of Education and the state certification system.
7. Submission of the official application form to the Department of Education and the state certification system.
8. Submission of the UMHB application form for certification to the UMHB Department 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.

#### **Alternative Certification Program**

Approval to offer alternative certification is contingent on approval from the State Board for Educator Certification.

#### **A. Admission – Gateway #1**

Students with bachelor's degrees who are non-degree seeking candidates must meet all admission requirements for the post-bac program with the exception of the interview with the Director of Graduate Programs in Education. The interview for candidates in this program will be conducted by the Associate Dean for Education.

#### **B. Student Teaching or Internship – Gateway #2**

Requirements in this area are the same as for the post-baccalaureate program listed above.

#### **C. Certification – Gateway #3**

Requirements in this area are the same as for the post-baccalaureate program listed above.

#### **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. Be familiar with the ethics code.

#### **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 (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. These are available on the Department of Education website.

#### **Certification Areas for Preparation of Teachers**

(Note: For students in the Post-Baccalaureate program, other certification areas may be available. This should be determined through a meeting with the Certification Coordinator.)

**Elementary Level** Certificate areas include:

- BA Core Subjects EC-6
- BS Core Subjects EC-6

**Interdisciplinary Studies** Certificate areas include: EC-6, EC-12 Special Education, and ESL Supplemental

- BA Interdisciplinary Studies
- BS Interdisciplinary Studies

**Middle Level** Certificate areas include:  
BS Core Subjects 4-8

**High School Level (7-12)** Certificate areas include:  
BA English Language Arts and Reading  
BA History  
BS History  
BS Life Sciences  
BA Mathematics  
BS Mathematics  
BS Science  
BA Speech Communication

**All Level**  
BFA All-level Art  
BM All-level Music  
BS All-level Physical Education  
BA All-Level Spanish

## ELEMENTARY (EC-6) CERTIFICATION

Elementary Certification is a core subjects certification which will qualify a teacher to serve regular students from early childhood through the sixth grade. The elementary certification can be pursued through either the Bachelor of Arts degree or the Bachelor of Science degree.

### I. ACADEMIC FOUNDATION

#### A. Bachelor of Arts Degree with Certification in EC-6 Core Subjects – 75 hours

##### English Rhetoric and Composition – 6 hours

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

##### English Literature – 6 hours

##### Public Speaking – 3 hours

COMM 1320	Public Speaking .....	3
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##### Social Science – 6 hours

HIST 3313	History of Texas .....	3
	and	

POLS 2310	State and Federal Government I .....	3
	or	

POLS 2311	State and Federal Government II.....	3
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##### World Ideas – 3 hours

HIST 1311	History of World Civilizations to 1500.....	3
	or	

HIST 1312	History of World Civilizations since 1500.....	3
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##### Global Issues – 3 hours

HIST 2311	American History to 1877.....	3
	or	

HIST 2312	American History since 1877.....	3
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##### Foreign Language (one language) – 14 hours

##### Laboratory Science – 8 hours

CHEM 1402	Environmental Science .....	4
	and	

BIOL 2391	Science for Educators .....	3
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BIOL 2191	Science for Educators Lab .....	1
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##### Quantitative Reasoning – 6 hours

MATH 2304	Math for Elementary Teachers I.....	3
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MATH 2305	Math for Elementary Teachers II .....	3
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##### Technology – 3 hours

EDUC 2311	Classroom Technology.....	3
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##### Education – 1 hour

EDUC 1111	Education Orientation .....	1
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##### Fine Arts – 3 hours

FINA 2330	Exploring the Fine Arts.....	3
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##### Christian Studies – 6 hours

CSBS 1311	Engaging the Old Testament.....	3
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CSBS 1312	Engaging the New Testament .....	3
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##### Exercise and Sport Science (2 activity courses) – 2 courses

EXAC 1101	Lifetime Fitness .....	1
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EXAC 1105	Low Organized Activities .....	1
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##### Scientific Inquiry – 4 hours

BIOL 1305	Living World .....	3
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BIOL 1105	Living World Lab.....	1
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##### Freshman Seminar – 1 hour

UMHB 1101	Freshman Seminar .....	1
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**Fine Arts Experience- 2-8 hours Determined by Admissions Classification**

UMHB 1005 Fine Arts Experience.....3

**Chapel- 1-4 credits determined by admissions classification**

UMHB 1002 Chapel.....3

**B. Bachelor of Science Degree with Certification in EC-6 Core Subjects – 71 hours****English Rhetoric and Composition – 6 hours**

ENGL 1321 Rhetoric &amp; Composition I.....3

ENGL 1322 Rhetoric &amp; Composition II.....3

**English Literature – 6 hours****Public Speaking – 3 hours**

COMM 1320 Public Speaking.....3

**Social Science – 6 hours**

HIST 3313 History of Texas.....3

and

POLS 2310 State and Federal Government I.....3

or

POLS 2311 State and Federal Government II.....3

**World Ideas – 3 hours**

HIST 1311 History of World Civilizations to 1500.....3

or

HIST 1312 History of World Civilizations since 1500.....3

**Global Issues – 6 hours**

HIST 2311 American History to 1877.....3

HIST 2312 American History since 1877.....3

**Laboratory Science – 12 hours**

CHEM 1402 Environmental Science.....4

GEOL 1401 Physical Geology.....4

BIOL 2391 Science for Educators.....3

BIOL 2191 Science for Educators Lab.....1

**Quantitative Reasoning – 9 hours**

MATH 2303 Statistics.....3

MATH 2304 Math for Elementary Teachers I.....3

MATH 1306 College Algebra.....3

**Scientific Inquiry – 4 hours**

BIOL 1305 Living World.....3

BIOL 1105 Living World Lab.....1

**Technology – 3 hours**

EDUC 2311 Classroom Technology.....3

**Education – 1 hour**

EDUC 1111 Education Orientation.....1

**Fine Arts – 3 hours**

FINA 2330 Exploring the Fine Arts.....3

**Christian Studies – 6 hours**

CSBS 1311 Engaging the Old Testament.....3

CSBS 1312 Engaging the New Testament.....3

**Exercise and Sport Science (2 activity courses) – 2 courses**

EXAC 1101 Lifetime Fitness.....1

EXAC 1105 Low Organized Activities.....1

**Freshman Seminar – 1 hour**

UMHB 1101 Freshman Seminar.....1

**Fine Arts Experience- 2-8 hours Determined by Admissions Classification**

UMHB 1005 Fine Arts Experience.....3

**Chapel- 1-4 credits determined by admissions classification**

UMHB 1002 Chapel.....3

**II. PROFESSIONAL COURSEWORK****A. Academic Support Courses – 24 hours**

This block of courses is designed to deliver to the certifying student a combination of subjects taught in the elementary grades.

EDUC 3330 Social Studies Strategies.....3

EDUC 4313 Child and Adolescent Development.....3

EDUC 4324 Classroom Management.....3

READ 3307 Literature for the Contemporary Classroom.....3

READ 3320 Emergent Literacy.....3

READ 3624 Reading &amp; Language in the Elementary School.....6

READ 4328 Diagnostic and Corrective Reading.....3

**B. Professional Development Sequence – 24 hours**

This area shall consist of upper-level courses including two sections of student teaching:

EDUC 3315 Students and Learning.....3

EDUC 4328 Curriculum Design I.....3

EDUC 4329 Curriculum Design II.....3

EDUC 4385	Educational Internship .....	3
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5
EDUC 4250	Certification Preparation Seminar .....	2

### C. EDSL Academic Support – 6 hours

This area should consist of upper level courses of English as a Second Language:

EDSL 4300	Language and Literacy for Teachers of English Language Learners (ELL).....	3
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL) .....	3

### BA – EC-6 CORE SUBJECTS CERTIFICATION SUGGESTED SCHEDULE

The following is the recommended sequence. Students are encouraged to stay with the sequence, even if they go part-time and need more than one semester to complete each semester schedule. Courses “blocked” should be taken at the same time to avoid schedule conflicts.

#### Freshman Fall Semester

ENGL 1321	Rhetoric & Composition I .....	3
FLAN 1410		
CSBS 1311	Engaging the Old Testament .....	3
EXAC 1101	Lifetime Fitness .....	1
HIST 1311	History of World Civilizations to 1500.....	3
	or	
HIST 1312	History of World Civilizations since 1500.....	3
UMHB 1002	Chapel .....	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	

#### Freshman Spring Semester

ENGL 1322	Rhetoric & Composition II .....	3
FLAN 1420		
MATH 2304	Math for Elementary Teachers I.....	3
COMM 1320	Public Speaking .....	3
CSBS 1312	Engaging the New Testament .....	3
EDUC 1111	Education Orientation .....	1
EXAC 1105	Low Organized Activities .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### Sophomore Block A (either Fall or Spring)

ENGL	Literature	
FLAN 2310		
CHEM 1402	Environmental Science .....	4
MATH 2305	Math for Elementary Teachers II .....	3
HIST 3313	History of Texas .....	3
EDUC 3315	Students and Learning.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### Sophomore Block B (either Fall or Spring)

FLAN 2320		
BIOL 1305	Living World .....	3
BIOL 1105	Living World Lab.....	1
EDUC 3330	Social Studies Strategies .....	3
FINA 2330	Exploring the Fine Arts.....	3
EDUC 2311	Classroom Technology.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### Junior Block A (either Fall or Spring)

POLS 2310	State and Federal Government I .....	3
EDUC 4324	Classroom Management.....	3
EDUC 4328	Curriculum Design I .....	3
READ 3307	Literature for the Contemporary Classroom .....	3
READ 3320	Emergent Literacy .....	3
FINA 2330	Exploring the Fine Arts.....	3
UMHB 1005	Fine Arts Experience	

#### Junior Block B (either Fall or Spring)

READ 3624	Reading & Language in the Elementary School.....	6
EDUC 4329	Curriculum Design II.....	3
EDSL 4300	Language and Literacy for Teachers of English Language Learners (ELL).....	3
BIOL 2391	Science for Educators .....	3
BIOL 2191	Science for Educators Lab .....	1
ENGL	Literature .....	3
UMHB 1005	Fine Arts Experience	

**Senior Fall Semester**

EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL) .....	3
EDUC 4385	Educational Internship .....	3
HIST 2311	American History to 1877 .....	3
	or	
HIST 2312	American History since 1877 .....	3
READ 4328	Diagnostic and Corrective Reading .....	3
UMHB 1005	Fine Arts Experience	

**Senior Spring Semester**

EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5
EDUC 4250	Certification Preparation Seminar .....	2
UMHB 1005	Fine Arts Experience	

**BS – EC-6 CORE SUBJECTS CERTIFICATION SUGGESTED SCHEDULE**

The following is the recommended sequence. Students are encouraged to stay with the sequence, even if they go part-time and need more than one semester to complete each semester schedule. Blocked courses should be taken together to avoid conflict.

**Freshman Fall Semester**

ENGL 1321	Rhetoric & Composition I .....	3
MATH 2304	Math for Elementary Teachers I .....	3
CSBS 1311	Engaging the Old Testament .....	3
EXAC 1101	Lifetime Fitness .....	1
HIST 1311	History of World Civilizations to 1500 .....	3
	or	
HIST 1312	History of World Civilizations since 1500 .....	3
UMHB 1002	Chapel .....	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	

**Freshman Spring Semester**

ENGL 1322	Rhetoric & Composition II .....	3
BIOL 1305	Living World .....	3
BIOL 1105	Living World Lab .....	1
COMM 1320	Public Speaking .....	3
CSBS 1312	Engaging the New Testament .....	3
MATH 2305	Math for Elementary Teachers II .....	3
EDUC 1111	Education Orientation .....	1
EXAC 1105	Low Organized Activities .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

**Sophomore Block A (either Fall or Spring)**

ENGL	Literature	
GEOL 1401	Physical Geology .....	4
HIST 3313	History of Texas .....	3
MATH 1306	College Algebra .....	3
EDUC 3315	Students and Learning .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

**Sophomore Block B (either Fall or Spring)**

ENGL	Literature	
CHEM 1402	Environmental Science .....	4
EDUC 4313	Child and Adolescent Development .....	3
EDUC 3330	Social Studies Strategies .....	3
HIST 2312	American History since 1877 .....	3
FINA 2330	Exploring the Fine Arts .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

**Junior Block A (either Fall or Spring)**

READ 3307	Literature for the Contemporary Classroom .....	3
READ 3320	Emergent Literacy .....	3
POLS 2310	State and Federal Government I .....	3
EDUC 4324	Classroom Management .....	3
EDUC 4328	Curriculum Design I .....	3
UMHB 1005	Fine Arts Experience	

**Junior Block B (either Fall or Spring)**

EDSL 4300	Language and Literacy for Teachers of English Language Learners (ELL).....	3
EDUC 4329	Curriculum Design II.....	3
READ 3624	Reading & Language in the Elementary School.....	6
BIOL 2391	Science for Educators .....	3
BIOL 2191	Science for Educators Lab .....	1
HIST 2311	American History to 1877.....	3
	or	
HIST 2312	American History since 1877.....	3
UMHB 1005	Fine Arts Experience	

**Senior Fall Semester**

EDUC 4385	Educational Internship .....	3
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL) .....	3
HIST 2311	American History to 1877.....	3
	or	
HIST 2312	American History since 1877.....	3
UMHB 1005	Fine Arts Experience	

**Senior Spring Semester**

EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II.....	5
EDUC 4250	Certification Preparation Seminar.....	2
UMHB 1005	Fine Arts Experience	

**INTERDISCIPLINARY STUDIES**

Interdisciplinary Studies prepares teachers for all grades from early childhood through sixth grade, special education children for early childhood through Grade 12, and English Language Learners EC-12. The Interdisciplinary Studies certification can be pursued through either the Bachelor of Arts degree or the Bachelor of Science degree.

**I. ACADEMIC FOUNDATION****A. Bachelor of Arts Degree with Interdisciplinary Studies Certification – 72 hours****English Rhetoric and Composition – 6 hours**

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

**English Literature – 6 hours****Public Speaking – 3 hours**

COMM 1320	Public Speaking .....	3
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**Social Science – 6 hours**

HIST 3313	History of Texas .....	3
	and	
POLS 2310	State and Federal Government I .....	3
	or .....	
POLS 2311	State and Federal Government II .....	3

**World Ideas – 3 hours**

HIST 1311	History of World Civilizations to 1500.....	3
	or	
HIST 1312	History of World Civilizations since 1500.....	3

**Global Issues – 3 hours**

HIST 2311	American History to 1877.....	3
	or	
HIST 2312	American History since 1877.....	3

**Foreign Language (one language) – 14 hours****Laboratory Science – 8 hours**

CHEM 1402	Environmental Science .....	4
	and	
BIOL 2391	Science for Educators .....	3
BIOL 2191	Science for Educators Lab .....	1

**Quantitative Reasoning – 6 hours**

MATH 2304	Math for Elementary Teachers I.....	3
MATH 2305	Math for Elementary Teachers II .....	3

**Technology – 3 hours**

EDUC 2311	Classroom Technology.....	3
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**Education – 1 hour**

EDUC 1111	Education Orientation .....	1
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**Fine Arts – 3 hours**

FINA 2330	Exploring the Fine Arts.....	3
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**Christian Studies – 6 hours**

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

<b>Exercise and Sport Science (2 activity courses) - 2 courses</b>	
EXAC 1101	Lifetime Fitness .....1
EXAC 1105	Low Organized Activities .....1
<b>Scientific Inquiry – 4 hours</b>	
BIOL 1305	Living World .....3
BIOL 1105	Living World Lab.....1
<b>Freshman Seminar – 1 hour</b>	
UMHB 1101	Freshman Seminar .....1
<b>Fine Arts Experience- 2-8 hours Determined by Admissions Classification</b>	
UMHB 1005	Fine Arts Experience .....
<b>Chapel- 1-4 credits determined by admissions classification</b>	
UMHB 1002	Chapel .....

## **B. Bachelor of Science Degree with Interdisciplinary Studies Certification – 71 hours**

<b>English Rhetoric and Composition – 6 hours</b>	
ENGL 1321	Rhetoric & Composition I.....3
ENGL 1322	Rhetoric & Composition II .....3
<b>English Literature – 6 hours</b>	
<b>Public Speaking – 3 hours</b>	
COMM 1320	Public Speaking .....3
<b>Social Science – 6 hours</b>	
HIST 3313	History of Texas .....3
	and
POLS 2310	State and Federal Government I .....3
	or
POLS 2311	State and Federal Government II .....3
<b>World Ideas – 3 hours</b>	
HIST 1311	History of World Civilizations to 1500.....3
	or
HIST 1312	History of World Civilizations since 1500.....3
<b>Global Issues – 6 hours</b>	
HIST 2311	American History to 1877.....3
HIST 2312	American History since 1877.....3
<b>Laboratory Science – 12 hours</b>	
CHEM 1402	Environmental Science .....4
GEOL 1401	Physical Geology .....4
BIOL 2391	Science for Educators .....3
BIOL 2191	Science for Educators Lab .....1
<b>Quantitative Reasoning – 9 hours</b>	
MATH 1306	College Algebra .....3
MATH 2304	Math for Elementary Teachers I.....3
MATH 2305	Math for Elementary Teachers II .....3
<b>Scientific Inquiry – 4 hours</b>	
BIOL 1305	Living World .....3
BIOL 1105	Living World Lab.....1
<b>Technology – 3 hours</b>	
EDUC 2311	Classroom Technology.....3
<b>Education – 1 hour</b>	
EDUC 1111	Education Orientation .....1
<b>Fine Arts – 3 hours</b>	
FINA 2330	Exploring the Fine Arts.....3
<b>Christian Studies – 6 hours</b>	
CSBS 1311	Engaging the Old Testament .....3
CSBS 1312	Engaging the New Testament .....3
<b>Exercise and Sport Science (2 activity courses) – 2 courses</b>	
EXAC 1101	Lifetime Fitness .....1
EXAC 1105	Low Organized Activities .....1
<b>Freshman Seminar – 1 hour</b>	
UMHB 1101	Freshman Seminar .....1
Note: Some lower-level academic courses taken in the Academic Specializations are duplicated in the Academic Foundation.	
<b>Fine Arts Experience- 2-8 hours Determined by Admissions Classification</b>	
UMHB 1005	Fine Arts Experience .....
<b>Chapel- 1-4 credits determined by admissions classification</b>	
UMHB 1002	Chapel .....

## **II. PROFESSIONAL COURSEWORK**

### **A. Academic Support Courses – 21 hours**

This block of courses is designed to deliver to the certifying student a combination of subjects taught in the Interdisciplinary Studies certification.

EDUC 3330	Social Studies Strategies .....3
EDUC 4313	Child and Adolescent Development.....3
EDUC 4324	Classroom Management.....3



READ 3307	Literature for the Contemporary Classroom .....	3
READ 3320	Emergent Literacy .....	3
READ 3624	Reading & Language in the Elementary School.....	6

#### B. Special Education Concentration – 15 hours

This block of courses is designed to deliver the special education component.

EDSP 3362	Low Incidence Disabilities .....	3
EDSP 3364	Behavior Interventions & Social Skills.....	3
EDSP 4361	Assessment & Transitions .....	3
EDSP 4362	Curriculum Interventions for Students with Learning Disabilities.....	3
EDSP 4363	Assistive Technology & Related Service.....	3

#### C. English Second Language – 6 hours

This block of courses is designed to deliver the English as a Second Language component.

EDSL 4300	Language and Literacy for Teachers of English Language Learners (ELL).....	3
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL) .....	3

#### D. Professional Development Sequence – 24 hours

This area shall consist of upper-level courses including three sections of student teaching.

EDUC 3315	Students and Learning.....	3
EDUC 4150	Certification Preparation Seminar.....	1
EDUC 4328	Curriculum Design I .....	3
EDUC 4329	Curriculum Design II .....	3
EDUC 4385	Educational Internship .....	3
EDUC 4502	Student Teaching II .....	5
EDUC 4501	Student Teaching I .....	5

#### BA – INTERDISCIPLINARY STUDIES SUGGESTED SCHEDULE

The following is the recommended sequence students are encouraged to take for the BA Interdisciplinary Studies certification. Students are encouraged to stay with the sequence, even if they go part-time and need more than one semester to complete each semester schedule.

##### Freshman Fall Semester

ENGL 1321	Rhetoric & Composition I.....	3
FLAN 1410		
CSBS 1311	Engaging the Old Testament .....	3
EXAC 1101	Lifetime Fitness .....	1
HIST 1311	History of World Civilizations to 1500.....	3
	or	
HIST 1312	History of World Civilizations since 1500.....	3
UMHB 1101	Freshman Seminar .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Freshman Spring Semester

ENGL 1322	Rhetoric & Composition II .....	3
EDUC 1111	Education Orientation .....	1
FLAN 1420		
COMM 1320	Public Speaking .....	3
CSBS 1312	Engaging the New Testament .....	3
EXAC 1105	Low Organized Activities .....	1
MATH 2304	Math for Elementary Teachers I.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Sophomore Fall Semester

ENGL	Literature	
FLAN 2310		
EDUC 3315	Students and Learning.....	3
HIST 3313	History of Texas .....	3
MATH 2305	Math for Elementary Teachers II .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Sophomore Spring Semester

EDUC 4313	Child and Adolescent Development.....	3
FLAN 2320		
EDUC 3330	Social Studies Strategies .....	3
EDUC 2311	Classroom Technology.....	3
EDSP 3362	Low Incidence Disabilities .....	3
BIOL 1305	Living World .....	3
BIOL 1105	Living World Lab.....	1

UMHB 1002	Chapel
UMHB 1005	Fine Arts Experience

#### Junior Fall Semester

EDUC 4324	Classroom Management.....	3
READ 3320	Emergent Literacy.....	3
EDUC 4328	Curriculum Design I.....	3
POLS 2310	State and Federal Government I.....	3
	or	
POLS 2311	State and Federal Government II.....	3
READ 3307	Literature for the Contemporary Classroom.....	3
FINA 2330	Exploring the Fine Arts.....	3
UMHB 1005	Fine Arts Experience	

#### Junior Spring Semester

EDUC 4329	Curriculum Design II.....	3
EDSP 4363	Assistive Technology & Related Service.....	3
READ 3624	Reading & Language in the Elementary School.....	6
EDSP 3364	Behavior Interventions & Social Skills.....	3
UMHB 1005	Fine Arts Experience	
BIOL 2391	Science for Educators.....	3
BIOL 2191	Science for Educators Lab.....	1

#### Senior Fall Semester

EDUC 4385	Educational Internship.....	3
EDSP 4362	Curriculum Interventions for Students with Learning Disabilities.....	3
EDSP 4361	Assessment & Transitions.....	3
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL).....	3
UMHB 1005	Fine Arts Experience	

#### Senior Spring Semester

EDUC 4502	Student Teaching II.....	5
EDUC 4150	Certification Preparation Seminar.....	1
EDUC 4501	Student Teaching I.....	5
UMHB 1005	Fine Arts Experience	

### BS – INTERDISCIPLINARY STUDIES SUGGESTED SCHEDULE

The following is the recommended sequence. Students are encouraged to stay with the sequence, even if they go part-time and need more than one semester to complete each semester schedule.

#### Freshman Fall Semester

ENGL 1321	Rhetoric & Composition I.....	3
CSBS 1311	Engaging the Old Testament.....	3
EXAC 1101	Lifetime Fitness.....	1
MATH 2304	Math for Elementary Teachers I.....	3
HIST 1311	History of World Civilizations to 1500.....	3
	or	
HIST 1312	History of World Civilizations since 1500.....	3
UMHB 1002	Chapel	
UMHB 1101	Freshman Seminar.....	1
UMHB 1005	Fine Arts Experience	

#### Freshman Spring Semester

EDUC 1111	Education Orientation.....	1
ENGL 1322	Rhetoric & Composition II.....	3
BIOL 1305	Living World.....	3
BIOL 1105	Living World Lab.....	1
COMM 1320	Public Speaking.....	3
CSBS 1312	Engaging the New Testament.....	3
EXAC 1105	Low Organized Activities.....	1
MATH 2305	Math for Elementary Teachers II.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### Sophomore Fall Semester

ENGL	Literature	
EDUC 3315	Students and Learning.....	3
EDUC 2311	Classroom Technology.....	3
GEOL 1401	Physical Geology.....	4
MATH 1320	Pre Calculus.....	3
HIST 3313	History of Texas.....	3

UMHB 1002	Chapel
UMHB 1005	Fine Arts Experience

#### **Sophomore Spring Semester**

EDUC 3330	Social Studies Strategies.....	3
EDUC 4313	Child and Adolescent Development.....	3
ENGL	Literature	
EDSP 3362	Low Incidence Disabilities .....	3
CHEM 1402	Environmental Science .....	4
FINA 2330	Exploring the Fine Arts.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### **Junior Fall Semester**

POLS 2310	State and Federal Government I .....	3
	or	
POLS 2311	State and Federal Government II.....	3
EDUC 4324	Classroom Management.....	3
READ 3320	Emergent Literacy .....	3
BIOL 2391	Science for Educators .....	3
BIOL 2191	Science for Educators Lab .....	1
EDUC 4328	Curriculum Design I .....	3
READ 3307	Literature for the Contemporary Classroom .....	3
UMHB 1005	Fine Arts Experience	

#### **Junior Spring Semester**

EDSP 4363	Assistive Technology & Related Service.....	3
READ 3624	Reading & Language in the Elementary School.....	6
EDSP 3364	Behavior Interventions & Social Skills.....	3
EDUC 4329	Curriculum Design II.....	3
HIST 2311	American History to 1877.....	3
	or	
HIST 2312	American History since 1877.....	3
UMHB 1005	Fine Arts Experience	

#### **Senior Fall Semester**

EDSP 4361	Assessment & Transitions.....	3
EDUC 4385	Educational Internship .....	3
EDSP 4362	Curriculum Interventions for Students with Learning Disabilities.....	3
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL) .....	3
HIST 2311	American History to 1877.....	3
	or	
HIST 2312	American History since 1877.....	3
UMHB 1005	Fine Arts Experience	

#### **Senior Spring Semester**

EDUC 4250	Certification Preparation Seminar.....	2
EDUC 4502	Student Teaching II .....	5
EDUC 4501	Student Teaching I .....	5
UMHB 1005	Fine Arts Experience	

### **MIDDLE LEVEL (4-8) CORE SUBJECTS CERTIFICATION**

#### **II. ACADEMIC COURSES FOR ACADEMIC SUPPORT**

##### **A. Academic Support Courses – 18 hours**

This block of courses is designed to deliver to the certifying student a combination of subjects taught in the middle school grades. See the academic department for specific course requirements.

EDUC 4313	Child and Adolescent Development.....	3
READ 3307	Literature for the Contemporary Classroom .....	3
READ 4326	Disciplinary Literacy .....	3
READ 3624	Reading & Language in the Elementary School.....	6
EDUC 4324	Classroom Management.....	3

##### **B. EDSL Academic Support – 6 hours**

This area should consist of upper level courses of English as a Second Language.

EDSL 4300	Language and Literacy for Teachers of English Language Learners (ELL).....	3
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL) .....	3

##### **C. Special Academic Support 6-12 hours**

Courses to be determined by student's area of specialization. Approved course list will be available. EDUC 3330 and EDUC 4329 are recommended in this block.

\* A 3.0 GPA is required.

\* 12 hours upper-level

## I. ACADEMIC FOUNDATION

### A. Bachelor of Science Degree with 4-8 Core Subjects Certification – 71 hours

Note: Students are encouraged to take courses in the recommended sequence. Blocked courses should be taken together in order to avoid schedule conflicts.

#### English Rhetoric and Composition – 6 hours

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

#### English Literature – 6 hours

##### Public Speaking – 3 hours

COMM 1320	Public Speaking .....	3
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##### Social Science – 6 hours

HIST 3313	History of Texas .....	3
POLS 2310	State and Federal Government I .....	3
	or .....	
POLS 2311	State and Federal Government II.....	3

##### World Ideas – 3 hours

HIST 1311	History of World Civilizations to 1500.....	3
	or .....	
HIST 1312	History of World Civilizations since 1500.....	3

##### Global Issues – 3 hours

HIST 2311	American History to 1877.....	3
	or .....	
HIST 2312	American History since 1877.....	3

##### Laboratory Science – 12 hours

GEOL 1401	Physical Geology .....	4
CHEM 1402	Environmental Science .....	4
BIOL 2391	Science for Educators .....	3
BIOL 2191	Science for Educators Lab .....	1

##### Quantitative Reasoning – 9 hours

MATH 1306	College Algebra .....	3
MATH 2304	Math for Elementary Teachers I.....	3
MATH 2305	Math for Elementary Teachers II.....	3

##### Scientific Inquiry – 4 hours

BIOL 1105	Living World Lab.....	1
BIOL 1305	Living World .....	3

##### Technology – 3 hours

EDUC 2311	Classroom Technology.....	3
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##### Education – 1 hour

EDUC 1111	Education Orientation .....	1
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##### Fine Arts – 3 hours

##### Christian Studies – 6 hours

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

Exercise and Sport Science (2 activity courses) - 2 courses

##### Freshman Seminar – 1 hour

UMHB 1101	Freshman Seminar .....	1
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##### Fine Arts Experience- 2-8 hours Determined by Admissions Classification

UMHB 1005	Fine Arts Experience .....	
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##### Chapel- 1-4 credits determined by admissions classification

UMHB 1002	Chapel .....	
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## III. PROFESSIONAL DEVELOPMENT SEQUENCE

This area shall consist of upper-level courses including two sections of student teaching:

#### Professional Development Required Courses – 21 hours

EDUC 3315	Students and Learning.....	3
EDUC 4328	Curriculum Design I .....	3
EDUC 4250	Certification Preparation Seminar.....	2
EDUC 4385	Educational Internship .....	3
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II.....	5

## MIDDLE LEVEL CORE SUBJECTS CERTIFICATION SUGGESTED SCHEDULE

### BS – MIDDLE LEVEL CORE SUBJECTS SUGGESTED SCHEDULE

The following is the recommended sequence. Students are encouraged to stay with the sequence, even if they go part-time and need more than one semester to complete each semester schedule. Blocked courses should be taken together to avoid schedule conflicts.

#### Freshman Fall Semester

ENGL 1321	Rhetoric & Composition I.....	3
MATH 2304	Math for Elementary Teachers I.....	3
CSBS 1311	Engaging the Old Testament .....	3
EXAC	Activity Course .....	1
HIST 1311	History of World Civilizations to 1500.....	3
	or .....	

HIST 1312	History of World Civilizations since 1500.....	3
UMHB 1002	Chapel .....	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	
<b>Freshman Spring Semester</b>		
ENGL 1322	Rhetoric & Composition II .....	3
MATH 2305	Math for Elementary Teachers II .....	3
CSBS 1312	Engaging the New Testament .....	3
EDUC 1111	Education Orientation .....	1
COMM 1320	Public Speaking .....	3
EXAC	Activity Course .....	1
BIOL 1305	Living World .....	3
BIOL 1105	Living World Lab.....	1
	Fine Arts.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	
<b>Sophomore Block A (either spring or fall)</b>		
ENGL	Literature	
EDUC 3315	Students and Learning.....	3
EDUC 2311	Classroom Technology.....	3
HIST 3313	History of Texas .....	3
GEOL 1402	Historical Geology .....	4
MATH 1306	College Algebra .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	
<b>Sophomore Block B (either spring or fall)</b>		
ENGL	Literature	
CHEM 1402	Environmental Science .....	4
EDUC 3330	Social Studies Strategies .....	3
EDUC 4313	Child and Adolescent Development.....	3
HIST 2312	American History since 1877.....	3
	or	
HIST 2311	American History to 1877.....	3
	Fine Arts	
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	
<b>Junior Block A (either Fall or Spring)</b>		
POLS 2310	State and Federal Government I .....	3
	or	
POLS 2311	State and Federal Government II .....	3
EDUC 4324	Classroom Management.....	3
EDUC 4328	Curriculum Design I .....	3
READ 3307	Literature for the Contemporary Classroom .....	3
	Specialized Support Courses.....	6
UMHB 1005	Fine Arts Experience	
<b>Junior Block B (either Fall or Spring)</b>		
EDSL 4300	Language and Literacy for Teachers of English Language Learners (ELL).....	3
BIOL 2391	Science for Educators .....	3
BIOL 2191	Science for Educators Lab .....	1
READ 3624	Reading & Language in the Elementary School.....	6
	or	
	Specialization 3-6 Hours.....	3-6
READ 4326	Disciplinary Literacy .....	3
UMHB 1005	Fine Arts Experience	
<b>Senior Fall Semester</b>		
EDSL 4310	Pedagogy and Assessment for Teachers of English Language Learners (ELL) .....	3
EDUC 4385	Educational Internship .....	3
READ 4326	Disciplinary Literacy .....	3
	or	
	Specialized Support Courses.....	6
UMHB 1005	Fine Arts Experience	
<b>Senior Spring Semester</b>		
EDUC 4250	Certification Preparation Seminar.....	2
EDUC 4501	Student Teaching I .....	5

EDUC 4502	Student Teaching II .....	5
UMHB 1005	Fine Arts Experience	

## 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 I .....	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 4502	Student Teaching II .....	5
EDUC 4501	Student Teaching I .....	5

#### B. All-Level – 22-27 hours depending on field

The following applies to certification in Early Childhood through Grade 12 for Art, Music, Spanish, 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 I .....	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 4502	Elementary Student Teaching II .....	5
EDUC 4501	Student Teaching I .....	5

Note – Because of preparation seminars in their own colleges, music and P.E. students take EDUC 4150 in lieu of 4250.

#### Student Teaching (Music Only)

EDUC 4150	Certification Preparation Seminar .....	1
EDUC 4435	Student Teaching Elementary Music .....	4
EDUC 4436	Student Teaching Grades Middle Level Music .....	4
EDUC 4437	Student Teaching Grades Secondary Music .....	4

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 four 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.

### II. SEQUENCE

See the academic departments for specific academic courses required for the teaching fields.

The following is the recommended sequence. Students are encouraged to stay with the sequence, even if they go part-time and need more than one semester to complete each semester scheduled. Failure to take Students and Learning (EDUC 3315) during the sophomore year may result in an additional semester of coursework.

#### Sophomore Spring Semester

EDUC 3315	Students and Learning .....	3
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#### Junior Year (either semester)

EDUC 4324	Classroom Management .....	3
READ 4326	Disciplinary Literacy .....	3
EDUC 4328	Curriculum Design I .....	3

READ 4326- All but PE

EDUC 4328- All but Music

#### Senior Fall Semester

EDUC 4385	Educational Internship .....	3
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(Except Art and Music majors)

**Senior Spring Semester**

Student Teaching.....	9-10
Certification Preparation Seminar.....	1-2

**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 minor (24 semester hours) in education. The non-certifying education minor consists of EDUC 4313, 3315, 4328, 4324, READ 4326, EDUC 4385, and 6 additional hours in education, reading and/or special education.



# COLLEGE OF HUMANITIES & SCIENCES

**Daniel Mynatt, Ph.D.**  
**Dean**

## **Purpose**

The College of Humanities and Sciences serves our respective degree programs, the University Academic Core, and other academic programs across the University with a foundation in the liberal arts and the natural, social, and applied sciences which enables students to think critically and creatively when faced with complex issues. We are, therefore, dedicated to fostering critical thinking, effective communication, systematic inquiry, ethical professionalism, integrated faith, creative exploration, and disciplinary skills through robust curricula supported by distinctive learning experiences. The ultimate goal is to develop motivated, inquisitive, and dedicated individuals who are prepared to demonstrate leadership, service, and faith-informed discernment in a global society.

# School of Humanities

Jacky Dumas, Ph.D.  
Associate Dean

The School of Humanities houses the following departments: English, Mass Communication, and Modern Foreign Language. Our robust curricula provides the best of what liberal arts and humanities has to offer while also incorporating active professional development for our students. 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 experiences, an award winning Speech and Debate team, Cru Films, Deaf Awareness events, literary festivals and workshops, distinguished speakers, and service to our communities.

Housed under the School of Humanities are three multidisciplinary minors which provide extra resources, training, and learning opportunities to almost any major at UMHB. The Writing Minor caters to students who value written communication as a vital component to their professional goals. The Classical Humanities Minor accommodates students who are interested in graduate or professional schools. The Applied Humanities Minor engages students who desire to work/study abroad or desire to foster global perspectives.

## WRITING MINOR

### DEGREE REQUIREMENTS

#### Required Courses – 21 hours (6 hours upper level at UMHB)

COMM 2360	Introduction to Media Writing .....	3
WRIT 3343	Advanced Composition.....	3
WRIT 4343	Advanced Rhetoric.....	3
WRIT 4392	Publications Workshop.....	3
WRIT 4344	Creative Writing: Poetry .....	3

or

COMM 3340	Screenwriting .....	3
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#### Plus 6 hours from the following:

BADM 2312	Communicating in Business .....	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

or

WRIT 3342	Advanced Grammar .....	3
WRIT 4344	Creative Writing: Poetry .....	3

COMM 2360: For English Majors, the COMM 2320 prerequisite will be waived.

COMM 3340 and WRIT 4344: 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.

## CLASSICAL HUMANITIES MINOR

### DEGREE REQUIREMENTS

#### Required Courses – 21 hours (6 hours upper level at UMHB)

HIST 1311	History of World Civilizations to 1500.....	3
HIST 4340	Ancient Greece & Hellenistic World .....	3
PHIL 2315	Introduction to Philosophy.....	3
PHIL 3316	Critical Reasoning.....	3
ENGL 3323	World Literature .....	3

#### Plus 6 hours from the following:

ARCH 4335	Archaeology of Ancient Greece and Rome .....	3
ARTS 2351	Art History I.....	3
CSCH 4320	World Religions .....	3
ENGL 2330	Classical Influences.....	3
HIST 4313	History of Western Political Thought Through the Enlightenment .....	3
HIST 4342	Roman Empire & Medieval World .....	3
HIST 4314	History of Western Political Thought from the Nineteenth Century to the Present.....	3
PHIL 3330	Ancient and Medieval Philosophy .....	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, ENGL 2321 or 2322 and HIST 4391 respectively.

## APPLIED HUMANITIES MINOR

### DEGREE REQUIREMENTS

#### Required Courses-21 hours (6 hours upper level at UMHB)

ENGL 3335	Contemporary Global Literature.....	3
PHIL 4315	World Religions .....	3
POLS 2315	Comparative Political Systems .....	3

POLS 2320	Topics and Methods of Political Science .....	3
<b>Study Abroad Track</b>		
ENGL 2336	Global Perspectives.....	3
	or	
	Any 3-hour Internship course with an International Focus .....	3
	or	
	HIST-4391 Study Abroad Focus .....	3
<b>Internship Track</b>		
ENGL 4385	English Internship .....	3
	or	
	Any 3-hour Internship course with an International Focus .....	3
<b>Plus 9 hours from the following</b>		
CSBS 4335	Global Readings of the Gospels and Acts.....	3
CSMN 3333	Cross-Cultural Ministry .....	3
CSMN 3335	World Missions Theory & Practice.....	3
POLS 3317	International Organizations.....	3
POLS 4317	Political Geography .....	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).

# Communication and Media Studies

Dr. Joseph Tabarlet, Chairperson

The Department of Communication and Media Studies 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.

We offer majors in Speech Communication, Mass Communication (with concentrations in Public Relations and Journalism) and Film Studies. We offer minors in Communication, Mass Communication, and Film Production. Our Mass Communication degree is complemented by lab work on the Bells, the UMHB student newspaper, as well as internships at a variety of local newspapers, magazines, radio and television stations, public relations agencies and other business organizations. Our Speech Communication degree is supported by a growing and successful intercollegiate forensics and speech competition team. Our Film Cru program allows students to direct short films and internet webcasts.

## Communication

### FILM STUDIES B.A.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core- 63 hours** (see Bachelor of Arts Degree Academic Core)

#### B.A. Film Studies Major Required Courses- 36 hours

12 hours (6 upper level ) at UMHB  
12 hours minimum upper level

COMM 1315	Introduction to Communication .....	3
COMM 2320	Introduction to Mass Media .....	3
COMM 2390	Introduction to Film Studies .....	3
COMM 3340	Screenwriting .....	3
COMM 3343	Documentary Filmmaking .....	3
COMM 3345	Film History and Criticism .....	3
COMM 4377	Narrative Film Production .....	3
COMM 4380	Capstone in Communication .....	3
THEA 3310	Beginning Acting .....	3
THEA 4300	Directing .....	3

#### Electives for Major

Choose 2 of the Following Courses

ARTS 4375	Applied Graphic Design .....	3
BCIS 3370	Computer 3D Modeling .....	3
BCIS 3375	Computer 3D Animation .....	3
COMM 3320	Storytelling .....	3
COMM 4375	Special Topics in Film .....	3
COMM 4390	Independent Study .....	3
COMM 4395	Internship in Communication .....	3

### MASS COMMUNICATION B.A.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core - 63 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 1315	Introduction to Communication .....	3
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 3330	Photojournalism .....	3
COMM 4340	Law and Regulation of the Mass Media .....	3
COMM 4380	Capstone in Communication .....	3

#### Journalism Track

COMM 3365	Advanced Media Writing and Design .....	3
COMM 3368	Broadcasting .....	3
COMM 4195	Internship: Print Communication .....	1
COMM 4196	Internship: Broadcasting .....	1
COMM 4198	Internship: Online Journalism .....	1

**Public Relations Track**

COMM 3370	Advanced Public Relations .....	3
COMM 4330	Special Topics in Public Relation .....	3
COMM 4197	Internship: Public Relations .....	1
COMM 4197 must be repeated three times for credit		

**SPEECH COMMUNICATION B.A.**

View degree plan with Secondary Level Teacher Certification.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

**DEGREE REQUIREMENTS**

**Academic Core - 63 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 1315	Introduction to Communication .....	3
COMM 1320	Public Speaking .....	3
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 4380	Capstone in Communication .....	3
	and	
COMM 3355	Speech in the Secondary School .....	3
	or	
COMM 3385	Special Topics in Rhetoric .....	3

Students pursuing secondary certification in Speech should take COMM 3355, EDUC 2311, and add the Professional Practices and Pedagogy minor from the Department of Education.

**SPEECH COMMUNICATION WITH TEACHING CERTIFICATION 7-12**

Students pursuing teacher certification in speech communications must meet all guidelines for the Educator Preparation Program and the state of Texas (see catalog for Department of Education) 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
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**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
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**Senior Spring Semester**

EDUC 4250	Student Teaching Seminar .....	2
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5

**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

**FILM PRODUCTION MINOR**

The Film Production Minor is for students interested in learning the hands-on techniques of media production for the entertainment industry. the technical aspects of camera operation, audio design, lighting design, and digital editing are also covered. Today, the entertainment industry is a very complex and competitive field. employers are not only looking for bright, focused individuals, but employees with the hands-on skills to complete a wider variety of projects in a timely fashion.

## DEGREE REQUIREMENTS

### Required Courses- 18 hours (6 hours upper level at UMHB)

COMM 2390	Introduction to Film Studies .....	3
COMM 3343	Documentary Filmmaking .....	3
COMM 3345	Film History and Criticism .....	3
COMM 4377	Narrative Film Production .....	3

### Minor Electives (Must complete 6 hours from the below list)

COMM 3320	Storytelling.....	3
COMM 3340	Screenwriting .....	3
COMM 4375	Special Topics in Film.....	3
BCIS 3370	Computer 3D Modeling .....	3
BCIS 3375	Computer 3D Animation.....	3
ARTS 3375	Graphic Design II.....	3

## 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 2390	Introduction to Film Studies .....	3
COMM 3365	Advanced Media Writing and Design.....	3
COMM 3368	Broadcasting .....	3
COMM 4340	Law and Regulation of the Mass Media .....	3

# English

Dr. Laura Bedwell, Chairperson

The aim of the Department of English is 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 annual Writers' Festival each February.

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 (or ENGL 0330 or ENGL 0130, when deemed necessary by placement standards). After completing ENGL 1321, students must take ENGL 1322 before they are eligible to take sophomore-level courses. All students must have credit for six hours of freshman English and six hours of sophomore English before taking upper-level (3000- and 4000-level) courses in English.

Note: If a student scores a 29 or higher on the ACT ENGLISH section or a 680 on the SAT ERBW, they will receive credit for ENGL 1321.

## Policies for Placement in ENGL 0330, ENGL 0130, and ENGL 1321

All reading and writing minimum requirements and placement scores are in coordination with the Texas Success Initiative (TSI). These following standards will apply to students who enroll for Spring 2017 and beyond.

If the student scores below 540 on the SAT EBRW OR below 19 average on the ACT English and Reading, placement will be in ENGL 0130 to be taken concurrently with ENGL 1321. In order to appeal that placement, the student must take one of the placement tests in English which is accepted by UMHB. That test score will be used to determine placement.

If the student scores below 500 on the SAT EBRW OR below 17 on the ACT English and Reading, placement will be ENGL 0330. In order to appeal that placement, the student must take one of the placement tests in English which is accepted by UMHB. That test score will be used to determine placement.

Although UMHB currently uses Accuplacer to determine placement in English, other placement tests are acceptable. The table below gives the scores required to place out of ENGL 0330 and ENGL 0130.

Placement Test	Score to Place out of ENGL 0310.....	Score to Place out of ENGL 0320
Accuplacer	78 on Reading .....	80 on Sentence Skills and 5 on Essay
THEA	230 on Reading .....	220 on Writing and 5 on Essay
Compass	81 on Reading .....	59 on Writing and 5 on Essay
ASSET	41 on Reading .....	40 on Writing and 5 on Essay
TSI	351 on Reading .....	363 and 4 on Essay OR 5 on Essay

## ENGLISH B.A.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

## DEGREE REQUIREMENTS

**Academic Core - 63 hours** (see Bachelor of Arts Degree Academic Core)

**B.A. English Major Required Courses – 39 hours**

**12 hours (6 upper level ) at UMHB**

**12 hours minimum upper level**

ENGL 2321	British Literature to 1785.....	3
ENGL 2322	British Literature since 1785.....	3
ENGL 3100	Introduction to the English Major.....	1
ENGL 3321	American Literature to 1890.....	3
ENGL 3322	American Literature since 1890.....	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

**SET 1: choose two courses:**

ENGL 3332	Studies in Literary Periods & Genres .....	3
ENGL 3333	Studies in Major Authors .....	3
ENGL 4331	Chaucer .....	3
ENGL 4332	Milton.....	3
ENGL 4191-4491	Seminar	

**SET 2: choose two courses:**

ENGL 4190-4490	Independent Learning	
WRIT 3342	Advanced Grammar .....	3
WRIT 3343	Advanced Composition.....	3
WRIT 4343	Advanced Rhetoric.....	3
WRIT 3341	Creative Writing: Prose.....	3



	or	
WRIT 4344	Creative Writing: Poetry .....	3

WRIT 3341 and WRIT 4344: Students may NOT select both WRIT 3341 & WRIT 4344. Only ONE creative course may count toward the major.

During their first semester as an English major, 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

Students desiring to certify to teach English in a public school at the secondary level will complete a B.A. degree in English.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

#### A. Core Courses:

**Capstone** (determined by major)

**Christian Studies - 6 hours**

CSBS 1311 Engaging the Old Testament .....3

CSBS 1312 Engaging the New Testament .....3

**Global Issues or Social Science - 3 hours**

**English - 12 hours**

ENGL 1321 Rhetoric & Composition I.....3

ENGL 1322 Rhetoric & Composition II .....3

Fulfilled by Major .....

**Exercise and Sport Science (2 activity courses) - 2 courses**

**Fine Arts - 3 hours**

**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**

**Public Speaking - 3 hours**

COMM 1320 Public Speaking .....3

**Quantitative Reasoning - 3 hours**

MATH 1304 Quantitative Reasoning.....3

or

higher

**Scientific Inquiry or Natural Sciences - 3 hours**

**Social Science - 6 hours**

two different subject areas outside of major

PSYC 1301 General Psychology .....3

**Technology - 3 hours**

EDUC 2311 Classroom Technology.....3

**Chapel - 1 to 4 credits**

UMHB 1002 Chapel

UMHB 1002: credits determined by admission classification

**Fine Arts Experience - 2-8 credits**

UMHB 1005 Fine Arts Experience

**UMHB 1005: credits determined by admission classification**

**Freshman Seminar - 1 hour**

UMHB 1101 Freshman Seminar .....1

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

World Ideas or Philosophy or Non-US History - 3 hours

#### B.A. English Major Required Courses – 38 hours

**12 hours (6 upper level ) at UMHB**

**12 hours minimum upper level**

ENGL 2321 British Literature to 1785.....3

ENGL 2322 British Literature since 1785.....3

ENGL 3100 Introduction to the English Major.....1

ENGL 3321 American Literature to 1890.....3

ENGL 3322 American Literature since 1890.....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 3343 Advanced Composition.....3

WRIT 4343 Advanced Rhetoric.....3

One of the following:

WRIT 3341	Creative Writing: Prose.....	3
WRIT 4344	Creative Writing: Poetry .....	3

Students must earn a “C” or better for courses in this major.

During their first semester of English coursework, 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 may choose to use the professional development sequence for secondary certification as the requirements for a minor. This option is available for certification only.

Students pursuing teacher certification in English language arts must meet all guidelines for the Educator Preparation Program and the state of Texas (see catalog for Department of Education) 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
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#### **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
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#### **Senior Spring Semester**

EDUC 4250	Student Teaching Seminar .....	2
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5

### **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
	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 3321	American Literature to 1890 .....	3
ENGL 3322	American Literature since 1890.....	3
ENGL 3323	World Literature .....	3
ENGL 3332	Studies in Literary Periods & Genres .....	3
ENGL 3333	Studies in Major Authors .....	3
ENGL 3335	Contemporary Global Literature .....	3

**SET 2: choose two (6 hours) courses:**

ENGL 4321	Shakespeare.....	3
ENGL 4331	Chaucer .....	3
ENGL 4332	Milton.....	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 3343	Advanced Composition.....	3
WRIT 4343	Advanced Rhetoric.....	3
WRIT 4344	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. Jamie Mattison, Chairperson

The Department of Modern Foreign Languages has the principal goal of promoting the study of modern foreign languages, cultures, and literatures. The department currently offers Spanish, American Sign Language, French, Italian, and Japanese. In support of this primary aim, it also endeavors (1) 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 produce majors able to meet requirements for Spanish teacher certification in Texas (TExES), (4) to introduce students to the experience of reading Spanish literature in the original language, (5) to produce students able to read the Bible in a foreign language with relative ease and able to perform ministry in a foreign culture, (6) to provide students with insight into the culture of the language, and (7) 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, French, or German. 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.

## English Proficiency Guidelines

### Overview

The University of Mary Hardin Baylor (UMHB) does not offer a full-time English for Speakers of Other Languages program. Some students may require ESOL classes in addition to degree credit classes in order to succeed in university level classes. Therefore, an English language proficiency score report must be submitted as part of international admissions requirements.

Students applying for undergraduate admission must score a minimum of 40 (at least 10 in each section) on the TOEFL (iBT), and/or at least 3.5 on all sections of the IELTS, and/or at least 35 on the Pearson Test of English (PTE) to be admitted. Students scoring above the minimum will be evaluated upon arrival to determine if they need ESOL classes.

Graduate international students must submit a TOEFL, IELTS, or PTE score as a part of their application. Students must score at least 48 on the iBT, and/or 4.5 on the IELTS, and/or 38 on the PTE to be admitted. Students scoring above the minimum requirements for admission to graduate academic programs will be evaluated upon arrival and placed in ESOL classes, if necessary, in addition to graduate level classes.

If the score is above the requirements for admission to the undergraduate or graduate programs (as described below), the student will be admitted to his/her academic program without further ESOL restrictions.

The ESOL program is designed to help students prepare for academic coursework at UMHB. Based on the results of the placement testing, the chair of MFL or designee will determine the ESOL courses in which students are required to enroll.

### English Language Proficiency Standards for Admission to Graduate and Undergraduate Programs

The standards for undergraduate students to enter the academic program of his/her choice without any ESOL restrictions are below.

#### Admission to Undergraduate Programs without ESOL

The minimum scores required to enter academic classes bearing credit toward graduation:

TOEFL = At least 80 (iBT) with at least 20 in each band.

IELTS = At least 6 in each band.

PTE (Pearson Test of English)=53

Graduate students must submit a TOEFL or IELTS score as a part of their application. English language proficiency standards are different for admission to graduate programs due to the rigor of the academic work. The standards for graduate students to enter the academic program of his/her choice without any ESOL restrictions are below.

If an international student has attended an English-speaking college or preparatory school prior to admission to UMHB, the ESOL requirements may be waived. Please contact the Chair of the MFL Department or designee for information regarding waivers.

#### Admission to Graduate Programs without ESOL

The minimum scores required to enter academic classes bearing credit toward graduation:

TOEFL = At least 100 (iBT) with at least 25 in each band.

IELTS = At least 7 in each band.

PTE (Pearson Test of English) = 68

### Students Who Do Not Meet English Language Placement Standards for Admission to Undergraduate or Graduate Programs without ESOL Support

Upon arrival, the student will be given a 3-part English placement test. Parts 1 & 2 are the Listening and Reading Comprehension components. Part 3 is a writing sample administered and graded by UMHB faculty. Students are scored on accuracy of grammar, coherence of writing, and skilled use of written English. Based upon the results of placement testing, students will be enrolled in the appropriate combination of ESOL and/or academic courses.

The ESOL program offers several classes of 3 credit hours each: Grammar, Reading, Writing, and Oral Communication. In addition, there are basic, intermediate, and advanced levels of each class to meet student needs. ESOL tuition is 50% of the cost of undergraduate tuition.

In order to progress from the ESOL program to other classes, a student must meet ALL of the following exit requirements:

1. Score at or above the designated cut-off on the English Proficiency exam.
2. Score at least 75% in all ESOL classes.
3. Pass an oral interview with a team of UMHB faculty members.

The interview team will evaluate the communication skills of the student and make the decision as to whether the student can be released to all regular classes or remain in a specified number of ESOL courses. Students must enroll in all ESOL courses recommended by this interview team.

After an ESOL student has completed these exit requirements, he/she will be released from the ESOL program .

#### **Standards for Continued Enrollment**

Graduate Students: If after completion of the advanced level ESOL classes, a student does not meet the ESOL exit requirements for all skills (Listening, Reading and Writing), he/she will be unenrolled from some or all classes and will be evaluated by an academic committee for continuation in the graduate program.

Undergraduate Students: 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 maintain enrollment.

### **SPANISH B.A.**

#### **124 MINIMUM HOURS**

#### **36 UPPER LEVEL HOURS**

#### **31 HOURS AT UMHB**

A major in Spanish consists of 30 semester hours above the level of SPAN 2320.

#### **DEGREE REQUIREMENTS**

**Academic Core - 63 hours** (see Bachelor of Arts Degree Academic Core)

**B.A. Spanish Major Required Courses – 30 hours** (12 hours minimum at UMHB.)

SPAN 3330	Advanced Oral Communication .....	3
SPAN 3340	Advanced Composition and Stylistics .....	3
SPAN 3345	Literary Analysis .....	3
SPAN 3370	Advanced Grammar .....	3
SPAN 4375	Spanish Capstone .....	3

#### **Choose one required:**

SPAN 3350	Introduction to Spanish Literature .....	3
SPAN 3360	Introduction to Spanish American Literature.....	3

Plus any four additional Spanish Upper Level electives offered

NOTE: The same course cannot be counted as both a required course and an elective.

No grade lower than “C” will count toward fulfillment of a Spanish major.

Capstone to the Major: Spanish majors who entered UMHB in Fall 2012 or after must demonstrate speaking and writing proficiency as well as cultural and literary knowledge in the language through exams generally administered in the senior year.

### **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

Plus four additional upper level Spanish electives

No grade lower than “C” will count toward fulfillment of a Spanish minor.

### **SPANISH WITH TEACHING CERTIFICATION EC-12**

Students pursuing teacher certification in Spanish must meet all guidelines for the Educator Preparation Program and the state of Texas (see catalog for Department of Education) 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
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#### **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
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#### **Senior Spring Semester**

EDUC 4250	Student Teaching Seminar .....	2
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5

## A. Core Courses:

**Capstone** (determined by major)

### **Christian Studies - 6 hours**

CSBS 1311	Engaging the Old Testament .....	3
CSBS 1312	Engaging the New Testament .....	3
Global Issues or Social Science - 3 hours		
English - 12 hours		
ENGL 1321	Rhetoric & Composition I .....	3
ENGL 1322	Rhetoric & Composition II .....	3
ENGL	Literature .....	6

### **Exercise and Sport Science (2 activity courses) - 2 courses**

### **Fine Arts - 3 hours**

### **Foreign Language - 14 hours** (in one language)

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

### **Lab Science - 4 hours**

### **Public Speaking - 3 hours**

COMM 1320	Public Speaking .....	3
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### **Quantitative Reasoning - 3 hours**

MATH 1304	Quantitative Reasoning .....	3
	or	
	higher	

### **Scientific Inquiry or Natural Sciences - 3 hours**

### **Social Science - 6 hours**

two different subject areas outside of major

PSYC 1301	General Psychology .....	3
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### **Technology - 3 hours**

EDUC 2311	Classroom Technology .....	3
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### **Chapel - 1 to 4 credits**

UMHB 1002 Chapel

UMHB 1002: credits determined by admission classification

### **Fine Arts Experience - 2-8 credits**

UMHB 1005 Fine Arts Experience

UMHB 1005: credits determined by admission classification

### **Freshman Seminar - 1 hour**

UMHB 1101	Freshman Seminar .....	1
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UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

### **World Ideas or Philosophy or Non-US History - 3 hours**

## B.A. Spanish Major Required Courses – 30 hours

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

SPAN 3330	Advanced Oral Communication .....	3
SPAN 3340	Advanced Composition and Stylistics .....	3
SPAN 3345	Literary Analysis .....	3
SPAN 3370	Advanced Grammar .....	3
SPAN 3380	Applied Linguistics for Spanish .....	3
SPAN 4375	Spanish Capstone .....	3

### **Choose one required:**

SPAN 3350	Introduction to Spanish Literature .....	3
SPAN 3360	Introduction to Spanish American Literature .....	3

And nine hours of upper-level Spanish electives

NOTE: The same course cannot be counted as both a required course and an elective.

No grade lower than "C" will count toward fulfillment of a Teacher Certification/Spanish 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 requirements. This option is available for certification only.

# School of Natural Sciences

Heidi DiFrancesca, Ph.D.  
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, therefore, seek to foster a vibrant, innovative academic culture that supports outstanding teaching, research, and service, cultivating an environment in which effective, creative students can flourish. We endeavor to create lifelong learners through pedagogy centered on developing critical thinking and problem-solving skills, significant student-faculty interactions, and student organizations. Accordingly, we offer active professional development opportunities through research and internships in several of our programs. Our distinctive learning experiences include study abroad experiences, various student clubs and honor societies in their respective disciplines, STEM-related workshops and distinguished speakers, and service to our communities.

## Biology

Dr. Kathleen Wood, Chairperson

The UMHB Department of Biology stimulates students to attain scholarly excellence in the life sciences, within a Christian context, 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 124 hours required for graduation, especially if they are planning to attend a professional school after graduation.

### BIOLOGY B.S.

Majors will be required to complete 20 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.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core –57 hours** (see Bachelor of Science Academic Core)

**B.S. Biology Major Required Courses –37 hours**

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

BIOL 1090	Freshman Evaluation	
BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab .....	1
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology 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	
BIOL 4194	Capstone Writing .....	1
BIOL 4195	Capstone Seminar .....	1
BIOL 4370	Applied Ecology .....	3
BIOL 4170	Applied Ecology Lab .....	1
BIOL 1090: Freshmen only		

#### 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 2303	Statistics .....	3
WRIT 3344	Scientific Writing .....	3

## BIOLOGY MINOR

### DEGREE REQUIREMENTS

**Required Courses – 23 hours** (6 hours upper level at UMHB)

BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab .....	1
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology II Lab .....	1
BIOL 3310	Genetics.....	3
BIOL 4370	Applied Ecology .....	3
BIOL	Electives .....	9

### 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 catalog for Department of Education) 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
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#### 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
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#### Senior Spring Semester

EDUC 4250	Student Teaching Seminar .....	2
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5

124 MINIMUM HOURS

36 UPPER LEVEL HOURS

31 HOURS AT UMHB

### 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

#### B.S. Teacher Certification in Life Science Secondary Level Required Courses –37 hours

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

#### This option is available for certification only.

BIOL 1090	Freshman Evaluation .....	
BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab .....	1
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology 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.....	
BIOL 4194	Capstone Writing .....	1
BIOL 4195	Capstone Seminar .....	1
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.

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



MATH 2303	Statistics .....	3
WRIT 3344	Scientific Writing .....	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 catalog for Department of Education) 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
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#### 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. GEOL 1401, GEOL 1402, and PHYS 2411 satisfy the laboratory sciences block in the core curriculum. PHYS 2412 satisfies the Scientific Inquiry/Natural Science block in the core curriculum.

#### B.S. Teacher Certification in Science Secondary Level Required Courses – 37 hours

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

#### This option is available for certification only.

BIOL 1090	Freshman Evaluation .....	
BIOL 1350	General Biology I .....	3
BIOL 1150	General Biology I Lab .....	1
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology 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 .....	
BIOL 4194	Capstone Writing .....	1
BIOL 4195	Capstone Seminar .....	1
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
MATH 2303	Statistics .....	3
WRIT 3344	Scientific Writing .....	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 .....	
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.		

### BIOLOGY B.S. (SAMPLE SCHEDULE)

#### FRESHMAN YEAR

##### Fall

BIOL 1090	Freshman Evaluation	
BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab.....	1
CHEM 1410	General Chemistry I.....	4
MATH 1306	College Algebra.....	3
ENGL 1321	Rhetoric & Composition I.....	3
UMHB 1101	Freshman Seminar.....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Spring

BIOL 1360	General Biology II.....	3
BIOL 1160	General Biology II Lab.....	1
CHEM 1420	General Chemistry II.....	4
COMM 1320	Public Speaking.....	3
ENGL 1322	Rhetoric & Composition II.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	
EXAC	Activity Course.....	1

#### SOPHOMORE YEAR

##### Fall

BIOL 2170	Research Methods.....	1
BIOL 2171	Research Methods Lab.....	1
CHEM 3410	Organic Chemistry I.....	4
CSBS 1312	Engaging the New Testament.....	3
	Elective.....	3
ENGL	Literature.....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### Spring

	Physiology Elective 3-4.....	3-4
BIOL	Any BIOL with Lab.....	4
ENGL	Literature.....	3
	Elective.....	3
EXAC	Activity Course.....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### JUNIOR YEAR

##### Fall

BIOL 3310	Genetics.....	3
BIOL 3110	Genetics Lab.....	1
WRIT 3344	Scientific Writing.....	3
CSBS 1311	Engaging the Old Testament.....	3
	Elective.....	3
MATH 2303	Statistics.....	3
UMHB 1005	Fine Arts Experience	

##### Spring

	Biology Electives.....	5-6
	Electives.....	6
	Global Issues/Social Science.....	3
	World Ideas/Philosophy/Non-US History.....	3
EXAC	Activity Course.....	1
UMHB 1005	Fine Arts Experience	

#### SENIOR YEAR

##### Fall

BIOL 4370	Applied Ecology.....	3
BIOL 4170	Applied Ecology Lab.....	1
	or	
	Upper-level Elective with Lab.....	4
BIOL 4194	Capstone Writing.....	1

	BIOL Electives 2-3 .....	2-3
	Elective .....	3
	Social Science .....	3
UMHB 1005	Fine Arts Experience	
Spring		
BIOL 4090	Senior Evaluation	
BIOL 4195	Capstone Seminar .....	1
	Upper-level Elective with Lab .....	4
	or	
BIOL 4170	Applied Ecology Lab .....	1
BIOL 4370	Applied Ecology .....	3
	Electives .....	6
	Fine Arts .....	3
	Social Science .....	3
UMHB 1005	Fine Arts Experience	

### BIOLOGY B.S. IN BIOLOGY FOR PRE-MED/PRE-DENTAL (SAMPLE SCHEDULE)

#### FRESHMAN YEAR

Fall		
BIOL 1090	Freshman Evaluation	
BIOL 1350	General Biology I .....	3
BIOL 1150	General Biology I Lab .....	1
CHEM 1410	General Chemistry I .....	4
MATH 1306	College Algebra .....	3
ENGL 1321	Rhetoric & Composition I .....	3
UMHB 1101	Freshman Seminar .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	
Spring		
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology II Lab .....	1
CHEM 1420	General Chemistry II .....	4
MATH 1320	Pre Calculus .....	3
ENGL 1322	Rhetoric & Composition II .....	3
EXAC	Activity Course .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### SOPHOMORE YEAR

Fall		
BIOL 2170	Research Methods .....	1
BIOL 2171	Research Methods Lab .....	1
BIOL 2340	Human Anatomy & Physiology I .....	3
BIOL 2140	Human Anatomy & Physiology I Lab .....	1
CHEM 3410	Organic Chemistry I .....	4
ENGL	Literature .....	3
COMM 1320	Public Speaking .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	
Spring		
BIOL 2380	Microbiology .....	3
BIOL 2180	Microbiology Lab .....	1
BIOL 2341	Human Anatomy & Physiology II .....	3
BIOL 2141	Human Anatomy & Physiology II Lab .....	1
CHEM 3420	Organic Chemistry II .....	4
ENGL	Literature .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

#### JUNIOR YEAR

Fall		
BIOL 3310	Genetics .....	3
BIOL 3110	Genetics Lab .....	1
PHYS 2411	General Physics I .....	4
	or	
PHYS 2421	Physics I with Calculus .....	4
MATH 2303	Statistics .....	3
PSYC 1301	General Psychology .....	3
SOCI 1311	Introduction to Sociology .....	3
UMHB 1005	Fine Arts Experience	

Spring		
WRIT 3344	Scientific Writing .....	3
PHYS 2412	General Physics II .....	4
	or	
PHYS 2422	Physics II with Calculus .....	4
CHEM 4430	Biochemistry .....	4
PSYC 2311	Developmental Psychology .....	3
EXAC	Activity Course .....	1
UMHB 1005	Fine Arts Experience	

#### SENIOR YEAR

Fall		
BIOL 4370	Applied Ecology .....	3
BIOL 4170	Applied Ecology Lab .....	1
	or	
	Upper-level Elective with Lab .....	4
BIOL 4194	Capstone Writing .....	1
	Biology Elective 1-2 .....	1-2
	Elective .....	3
	World Ideas or Philosophy or Non-US History .....	3
CSBS 1312	Engaging the New Testament .....	3
UMHB 1005	Fine Arts Experience	
Spring		
BIOL 4090	Senior Evaluation	
BIOL 4195	Capstone Seminar .....	1
	or	
BIOL 4370	Applied Ecology .....	3
BIOL 4170	Applied Ecology Lab .....	1
BIOL 4305	Cell Biology .....	3
BIOL 4105	Cell Biology Lab .....	1
CSBS 1311	Engaging the Old Testament .....	3
	Elective .....	4
	Fine Arts .....	3
UMHB 1005	Fine Arts Experience	

Sample schedules for Biology majors interested in Pre-Physical Therapy, Pre-Physician Assistant and Pre-Veterinary Medicine as well as other pre-allied health professions are available. Contact Dr. Kathleen Wood at [kwood@umhb.edu](mailto:kwood@umhb.edu) or (254) 295-4214 for more information about these tracks. You may also download these sample degree plan schedules by going to the UMHB Biology website at <http://undergrad.umhb.edu/biology/advising>.

# Life-Earth Science

## LIFE-EARTH SCIENCE MINOR

### DEGREE REQUIREMENTS

**Required Courses – 29-30 hours** (6 hours upper level at UMHB)

BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab .....	1
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology II Lab .....	1
GEOL 1401	Physical Geology .....	4
GEOL 1402	Historical Geology .....	4
PHYS 3301	Descriptive Astronomy .....	3
PHYS 3302	Physical Aspects of General Science .....	3
	or	
PHYS 2411	General Physics I .....	4
	or	
MATH 2303	Statistics .....	3
	and	
BIOL	Upper-level Electives.....	7-8

Students majoring in Biology may not take the same Biology courses to complete the Life-Earth Science minor as were taken in their major, excluding BIOL 1350/1150 and BIOL 1360/1160.

## Health Professions Curricula

The following section gives a brief description of available pre-professional programs with the University of Mary Hardin-Baylor's role in these programs. However, only general information about each curriculum is given because the details of admission criteria to professional schools will vary from year to year. If a student has an interest in one of the areas described, then the student is encouraged to contact a member of the Health Professions Advisory Committee. This committee serves as a clearing house for information on all of these professions, and will be able to give the student specific details on the programs. Without exception, admission to all types of professional schools is highly competitive and requires academic work considerably above average. Members of the Health Professions Advisory Committee can give a prospective student the G.P.A. requirements necessary to compete successfully in a given year for specific programs.

Students interested in other health professions not listed here can receive information from the co-chairs of the Health Professions Advisory Committee:

Dr. Ruth Ann Murphy, Chairperson of Chemistry, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542

Dr. Kathleen Wood, Chairperson of Biology, [kwood@umhb.edu](mailto:kwood@umhb.edu), (254) 295-4214.

### CLINICAL LABORATORY SCIENCE (FORMERLY MEDICAL TECHNOLOGY)

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 Scott & White requires a 2.75 minimum GPA and a 2.5 minimum in the sciences. More information is available from Dr. Ruth Ann Murphy, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542 or (254) 295-4537; or Dr. Kathleen Wood, (254) 295-4214

### 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 process should be started at the end of the student's junior year. More information is available on Pre-Dental and Pre-Medical Studies from Dr. Kathleen Wood, [kwood@umhb.edu](mailto:kwood@umhb.edu), (254)-295-4214. Or, Dr. Ruth Ann Murphy, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542. For Pre-Veterinary Studies, Dr. Cathleen Early, can be reached at [cearly@umhb.edu](mailto:cearly@umhb.edu), (254) 295-5041 or Dr. Ruth Ann Murphy, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542

### PRE-HEALTH CARE SCIENCES (PHYSICIAN'S ASSISTANT)

A Physician's Assistant 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 college curriculum includes a minimum of 60 semester credits with specific prerequisite courses. Some programs require a bachelor's degree for admission. More information is available from Dr. Karen Grant, [kgrant@umhb.edu](mailto:kgrant@umhb.edu), (254) 295-4147. Or, Dr. Ruth Ann Murphy, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542.

### PRE-MEDICAL RECORD ADMINISTRATION

"The Medical Administrator is responsible for obtaining complete medical records on individual patients from each of the professional staff, such as physicians, nurses, and other allied health scientists." The pre-professional curriculum is based on a core of required courses in the arts and sciences and includes a minimum of 90 semester hours. More information is available from Dr. Kathleen Wood, [kwood@umhb.edu](mailto:kwood@umhb.edu), (254)-295-4214. Or, Dr. Ruth Ann Murphy, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542.

### PRE-OPTOMETRY

The university 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. Completion of the Optometry College Admission Test is also necessary for admission to a school of optometry. More information is available from Dr. Karen Grant, [kgrant@umhb.edu](mailto:kgrant@umhb.edu), (254) 295-4147. Or, Dr. Ruth Ann Murphy, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542.

### 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. In the case of the College of Pharmacy at the University of Texas at Austin, admission to the University does not guarantee admission to the professional program in Pharmacy. More information is available from Dr. Kathleen Wood, [kwood@umhb.edu](mailto:kwood@umhb.edu), (254)-295-4214. Or, Dr. Ruth Ann Murphy, [rmurphy@umhb.edu](mailto:rmurphy@umhb.edu), (254) 295-4542.

# Chemistry, Environmental Science and Geology

Ruth Ann Murphy, Ph.D., Chairperson

The Department of Chemistry, Environmental Science, and Geology 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 Emphasis is recommended for students planning to attend medical or dental school or to pursue a career in medical research.

## CHEMISTRY B.S.

Majors will also be required to take (as a minimum) MATH 1330, PHYS 2411, and PHYS 2412. MATH 2303, MATH 2330, MATH 3330, and a foreign language are recommended.

124 MINIMUM HOURS

36 UPPER LEVEL HOURS

31 HOURS AT UMHB

### DEGREE REQUIREMENTS

**Academic Core –57 hours** (see Bachelor of Science Academic Core)

**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	
CHEM 4181	Chemical Research-Capstone II.....	1

CHEM 4183	Seminar - Capstone III .....	1
<b>4 - 6 hours from the following:</b>		
CHEM 3480	Environmental Chemistry .....	4
CHEM 4350	Advanced Inorganic Chemistry .....	3
CHEM 4430	Biochemistry .....	4
CHEM 4440	Advanced Analytical Chemistry .....	4
CHEM 4190-4490		
CHEM 4193-4493		
A grade of "C" or better must be made in all Chemistry courses counting toward the major.		
<b>Required Support Courses for major:</b>		
MATH 1330	Calculus I .....	3
PHYS 2411	General Physics I .....	4
PHYS 2412	General Physics II .....	4
<b>Recommended Support Courses:</b>		
MATH 2303	Statistics .....	3
MATH 2330	Calculus II .....	3
MATH 3330	Calculus III.....	3
	Foreign language	

## CHEMISTRY B.S. WITH A BIOCHEMISTRY EMPHASIS

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

### DEGREE REQUIREMENTS

**Academic Core –57 hours** (see Bachelor of Science Academic Core)

**B.S. Chemistry Major with a Biochemistry Emphasis Required Courses –36 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	
CHEM 4160	Practicum in Clinical Chemistry .....	1
CHEM 4181	Chemical Research-Capstone II.....	1
CHEM 4183	Seminar - Capstone III .....	1
CHEM 4430	Biochemistry .....	4
CHEM X4XX	Upper-level Electives.....	

A grade of "C" or better must be made in all Chemistry courses counting toward the major.

**Required Support Courses for major:**

BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab .....	1
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology 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 1330	Calculus I.....	3
PHYS 2411	General Physics I .....	4
PHYS 2412	General Physics II .....	4

**Recommended Support Courses:**

MATH 2303	Statistics .....	3
MATH 2330	Calculus II.....	3
MATH 3330	Calculus III.....	3
	Foreign language	

## 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	Advanced Analytical Chemistry .....	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 catalog for Department of Education) 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
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### 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
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### 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 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 .....	
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 .....	
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	Advanced Analytical Chemistry .....	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 1330	Calculus I .....	3
PHYS 2411	General Physics I .....	4
PHYS 2412	General Physics II .....	4

Recommended Support Courses:

MATH 2303	Statistics .....	3
MATH 2330	Calculus II .....	3
MATH 2303	Statistics .....	3
	Foreign language .....	

### ADDITIONAL REQUIREMENTS FOR CERTIFICATION

This Science secondary certification requires a minor in Biology. Students seeking this major must take MATH 1330 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 to satisfy the laboratory/natural sciences block in the core curriculum.

BIOL 1350	General Biology I.....	3
BIOL 1150	General Biology I Lab .....	1
BIOL 1360	General Biology II .....	3
BIOL 1160	General Biology II Lab .....	1
BIOL 3310	Genetics.....	3
	BIOL Electives (8)	

See the Biology Department listing for Teacher Certification in Science - Biology Secondary Level.

### CHEMISTRY B.S. (SAMPLE SCHEDULE)

#### FRESHMAN YEAR

Fall

CHEM 1410	General Chemistry I.....	4
CSBS 1311	Engaging the Old Testament .....	3
ENGL 1321	Rhetoric & Composition I.....	3
	Elective .....	3
UMHB 1002	Chapel	
UMHB 1101	Freshman Seminar .....	1
UMHB 1005	Fine Arts Experience	

Spring

CHEM 1420	General Chemistry II.....	4
CSBS 1312	Engaging the New Testament .....	3
ENGL 1322	Rhetoric & Composition II .....	3
EXAC	Activity Course .....	1
COMM 1320	Public Speaking .....	3
MATH 1320	Pre Calculus .....	3
UMHB 1005	Fine Arts Experience	
UMHB 1002	Chapel	

#### SOPHOMORE YEAR

Fall

CHEM 3410	Organic Chemistry I.....	4
EXAC	Activity Course .....	1
	Literature.....	3
	Minor.....	4
	or	
	Electives .....	4
PHYS 2411	General Physics I .....	4
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

Spring

CHEM 3420	Organic Chemistry II .....	4
MATH 1330	Calculus I .....	3
	Minor.....	4
	or	
	Elective .....	4
PHYS 2412	General Physics II .....	4
UMHB 1002	Chapel	
CHEM 2181	Introduction to Chemical Research-Capstone I .....	1
UMHB 1005	Fine Arts Experience	

#### JUNIOR YEAR

Fall

CHEM 3400	Quantitative Analysis.....	4
CHEM 3440	Physical Chemistry I.....	4
ENGL	Literature.....	3
	Minor.....	4
	or	
	Elective .....	4
	Social Science .....	3
UMHB 1005	Fine Arts Experience	

Spring

CHEM 3450	Physical Chemistry II.....	4
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CHEM 4181	Chemical Research-Capstone II.....	1
	Elective .....	3
	Minor.....	4
	or	
	Elective .....	4
	Social Science .....	3
UMHB 1005	Fine Arts Experience	

# **SENIOR YEAR**

Fall

CHEM 4183	Seminar - Capstone III.....	1
	Social Science or Global Issues .....	3
	Humanities/Fine Arts .....	3
	Minor Upper-level.....	4
	or	
	Electives .....	4
	Fine Arts.....	3
UMHB 1005	Fine Arts Experience	

Spring

CHEM 4090	Senior Evaluation	
	Chemistry Upper Level Elective (4)	
	Minor Upper Level (4)	
	or	
	Electives .....	4
	World Ideas .....	3
	Elective(s) .....	3
UMHB 1005	Fine Arts Experience	

# Computer Science and Engineering

Dr. William G. Tanner, Jr., Chairperson

The objective of the Department of Computer Science and Engineering in the College of Humanities and Sciences is to develop fully in our students their potential for excellence in Computer Science and Engineering. Through the efforts of a committed faculty who continually compares and aligns the curriculum with national standards, i.e. IEEE/ACM and ABET, 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 and Engineering Department is to prepare computer science and engineering 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 or a Bachelor of Science (B.S.) degree with a major in Engineering Science upon successful completion of all requirements. Under the major of Computer Science there are three specialization fields offered: i.e. Networking & Security, Human-Computer Interface, and Games Programming. A minor in Computer Science is also available.

No grade lower than "C" will be counted as a fulfillment of any major course requirement.

## Computer Science

A 48-hour major and an 18-hour minor in Computer Science are offered. 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. 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 124 semester hours.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 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 – 57 hours** (see Bachelor of Science Academic Core)

### B.S. Computer Science Major Required Courses – 24 hours

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

CISC 2315	Discrete Structures of Computer & Engineering Sciences.....	3
CISC 2325	Telecommunications & Networks.....	3
CISC 2330	Introduction to Object-Oriented Programming.....	3
CISC 3321	Object Oriented Development .....	3
CISC 3341	Operating Systems .....	3
CISC 3360	Computer Organization & Architecture.....	3
CISC 4305	Algorithms & Data Structures .....	3
CISC 4327	Database Theory and Application .....	3

### Required Support Courses (Majors Only)-12 hours:

CISC 2305	Introduction to Computer and Engineering Sciences .....	3
CISC 4370	Computer Science & Engineering Ethics Seminar .....	3
MATH 1330	Calculus I .....	3
MATH 2320	Linear Algebra .....	3

### B.S.COMPUTER SCIENCE MAJOR GUIDED ELECTIVE COURSES- 9 HOURS:

Choose nine (9) hours from the following three 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

#### Human-Computer Interface Specialization:

CISC 3361	System Programming: Robotics .....	3
CISC 4322	Web Development .....	3
CISC 4326	Programming Languages .....	3
CISC 4347	Graphics Programming .....	3

#### Games Programming Specialization:

CISC 4345	Games Programming I .....	3
CISC 4346	Games Programming II.....	3
CISC 4348	Game Production Development .....	3

### BS COMPUTER SCIENCE MAJOR ELECTIVE COURSES 3 HOURS

Choose three (3) additional hours in CISC, ENGR, MATH, or BCIS major field of study. A course taken to meet other B.S. Computer Science Degree requirements listed above cannot be counted to meet this requirement.

## COMPUTER SCIENCE MINOR

### DEGREE REQUIREMENTS

**Required Courses- 18 hours:** (6 hours upper level at UMHB)

CISC 2305	Introduction to Computer and Engineering Sciences .....	3
CISC 2315	Discrete Structures of Computer & Engineering Sciences.....	3
CISC 2325	Telecommunications & Networks.....	3
CISC 2330	Introduction to Object-Oriented Programming.....	3
CISC 3321	Object Oriented Development .....	3
Choose one course from the following:		
CISC 3341	Operating Systems .....	3
CISC 3361	System Programming: Robotics .....	3
CISC 4305	Algorithms & Data Structures .....	3
CISC 4347	Graphics Programming .....	3

### COMPUTER SCIENCE B.S. (SAMPLE SCHEDULE)

#### FRESHMAN YEAR

CISC 2305	Introduction to Computer and Engineering Sciences .....	3
CISC 2330	Introduction to Object-Oriented Programming.....	3
MATH 1320	Pre Calculus .....	3
ENGL 1321	Rhetoric & Composition I.....	3
ENGL 1322	Rhetoric & Composition II .....	3
	Lab Science.....	4
	or	
ENGR 2301	The Effects of Climate Change.....	3
CSBS 1311	Engaging the Old Testament .....	3
CSBS 1312	Engaging the New Testament .....	3
	Social Science .....	3
COMM 1320	Public Speaking .....	3
UMHB 1101	Freshman Seminar .....	1
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

#### SOPHOMORE YEAR

CISC 2315	Discrete Structures of Computer & Engineering Sciences.....	3
CISC 2325	Telecommunications & Networks.....	3
	Scientific Inquiry (ENGR 2301)	
	or	
	Lab Science.....	4
MATH 1330	Calculus I.....	3
MATH 2320	Linear Algebra .....	3
ENGL	Literature.....	6
	Social Science .....	3
	Lab Science Course (BIOL, CHEM, etc.) .....	4
	Physical Education (two activity courses) .....	2
UMHB 1002	Chapel X 2	
UMHB 1005	Fine Arts Experience X 2	

A Computer Science Major should discuss internships with an advisor before the third year begins.

#### JUNIOR YEAR

CISC 3321	Object Oriented Development .....	3
CISC 3341	Operating Systems .....	3
CISC 3360	Computer Organization & Architecture.....	3
CISC 4305	Algorithms & Data Structures .....	3
	CISC Major Elective Courses (3) .....	3
	Lab Science.....	4
	Fine Arts.....	3
	World Ideas or Philosophy or Non-US History .....	3
	Elective .....	7
UMHB 1005	Fine Arts Experience X 2	

#### SENIOR YEAR

CISC 4347	Graphics Programming .....	3
CISC 4370	Computer Science & Engineering Ethics Seminar .....	3
CISC 4XXX	CISC Major Elective Courses (9) .....	9
	Social Science or Global Issues .....	3
	Electives .....	12
UMHB 1005	Fine Arts Experience X 2	

# Engineering Program

Engineering Science at UMHB, where a unique environment for engineering education has been created through 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 Science major, which combines mathematical, physical, and computational science, is recommended for engineering students who wish to complete an inter-disciplinary engineering degree. The engineering program 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. Engineering students who pursue and Engineering Science 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 Science program has been extended to include a wide range of topics crucial to the future of engineering design, the research projects are equally varied in the goals of research. Collaboration between a diverse group of UMHB faculty in and beyond the College of Sciences is an important aspect of the engineering research program enabled by an increase of students seeking research opportunities. Since all engineering students in the UMHB program attain a firm theoretical foundation in a wide range of engineering fields (i.e., mechanical, electrical, energy, and biomedical), specialized undergraduate research projects have been created which investigate the intersection between science, mathematics, and engineering design. In that way, individual faculty members with special interests in specific fields of engineering have been able to pursue unique engineering projects, cooperating with students in the creation of designs. Students who participate in these diverse design solutions have become expert in specialized areas of engineering through their emersion in the research topic in addition to the broad understanding of engineering principles gained through their coursework, and the Engineering Science faculty have been able to conduct unique research that has broadened the engineering expertise of UMHB engineering students.

The application for admissions into the upper-level engineering program should be completed by the end of the sophomore year. Engineering, Mathematics and Laboratory Sciences GPA will be utilized in that determination. Please note that UMHB does not guarantee admittance into upper-level engineering program at UMHB. More information concerning the program may be obtained from Dr. William G. Tanner, Jr., Chairperson, Computer Science, Engineering and Physics.

## ENGINEERING MAJOR

126 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
32 HOURS AT UMHB

### DEGREE REQUIREMENTS

#### Engineering Science Major Core – 41 hours:

ENGR 2311	Numerical Algorithms.....	3
ENGR 2320	Engineering Mechanics: Statics.....	3
ENGR 2321	Engineering Mechanics: Dynamics.....	3
ENGR 2345	Engineering Thermodynamics.....	3
ENGR 2430	Electrical Circuit Theory.....	4
ENGR 3160	Engineering Design: Bio-Inspired Design.....	1
ENGR 3260	Engineering Design: Engineering for Humanity.....	2
ENGR 4370	Computer Science & Engineering Ethics Seminar.....	3
ENGR 4380	Capstone Design I.....	3
ENGR 4381	Capstone Design II.....	3
	Upper-level Engineering electives.....	13

#### Required Support Courses- 12 hours

ENGR 1310	Introduction to Engineering.....	3
ENGR 1320	Introduction to Engineering Fundamentals.....	3
CISC 2330	Introduction to Object-Oriented Programming.....	3
WRIT 3344	Scientific Writing.....	3

#### Mathematics and Laboratory Sciences – 30 hours

In order to be considered for admission into an engineering program at another ABET-accredited institution the following courses must be completed.

MATH 1330	Calculus I.....	3
MATH 2320	Linear Algebra.....	3
MATH 2330	Calculus II.....	3
MATH 3325	Ordinary Differential Equations.....	3
MATH 3326	Partial Equations.....	3
MATH 3330	Calculus III.....	3
CHEM 1410	General Chemistry I.....	4
PHYS 2421	Physics I with Calculus.....	4
PHYS 2422	Physics II with Calculus.....	4

#### Electrical Engineering Track

Students must select either Electrical or Mechanical Track and complete 7 hours within the track. In addition to the 7 hours, students must choose 6-7 hours from the Upper-Level Electives list below. Courses cannot be counted twice.

ENGR 3137	Digital Logic Design Laboratory.....	1
ENGR 3337	Digital Logic Design.....	3
ENGR 4330	Engineering Electromagnetics.....	3

#### Mechanical Engineering Track

ENGR 3420	Mechanics of Materials.....	4
ENGR 4320	System Dynamics and Control.....	3
ENGR 4340	Principles of Heat Transfer.....	3
ENGR 4350	Fluid Mechanics.....	3

#### Engineering Upper-level Electives -6-7 hours

CISC 3321	Object Oriented Development.....	3
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CISC 3361	System Programming: Robotics .....	3
ENGR 3137	Digital Logic Design Laboratory .....	1
ENGR 3337	Digital Logic Design .....	3
ENGR 3420	Mechanics of Materials .....	4
ENGR 4320	System Dynamics and Control .....	3
ENGR 4330	Engineering Electromagnetics .....	3
ENGR 4340	Principles of Heat Transfer .....	3
ENGR 4350	Fluid Mechanics .....	3

#### ENGINEERING SCIENCE B.S. MAJOR PROGRAM (SAMPLE SCHEDULE)

##### FRESHMAN YEAR

Fall

ENGR 1310	Introduction to Engineering .....	3
MATH 1330	Calculus I .....	3
ENGL 1321	Rhetoric & Composition I .....	3
POLS 2310	State and Federal Government I .....	3
CSBS 1311	Engaging the Old Testament .....	3
UMHB 1101	Freshman Seminar .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

Spring

ENGR 1320	Introduction to Engineering Fundamentals .....	3
MATH 2330	Calculus II .....	3
ENGL 1322	Rhetoric & Composition II .....	3
	Fine Arts	
CSBS 1312	Engaging the New Testament .....	3
EXAC	Activity Course .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### SOPHOMORE YEAR

Fall

ENGR 2320	Engineering Mechanics: Statics .....	3
PHYS 2421	Physics I with Calculus .....	4
MATH 2320	Linear Algebra .....	3
CISC 2330	Introduction to Object-Oriented Programming .....	3
ENGL	Literature	
EXAC	Activity Course .....	1
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

Spring

ENGR 2311	Numerical Algorithms .....	3
ENGR 2321	Engineering Mechanics: Dynamics .....	3
MATH 3330	Calculus III .....	3
PHYS 2422	Physics II with Calculus .....	4
ENGL	Literature	
	World Ideas or Philosophy or Non-US History .....	3
UMHB 1002	Chapel	
UMHB 1005	Fine Arts Experience	

##### JUNIOR YEAR

Fall

ENGR 2345	Engineering Thermodynamics .....	3
ENGR 3160	Engineering Design: Bio-Inspired Design .....	1
CISC 3321	Object Oriented Development .....	3
MATH 2320	Linear Algebra .....	3
MATH 3325	Ordinary Differential Equations .....	3
COMM 1320	Public Speaking .....	3
UMHB 1005	Fine Arts Experience	

Spring

ENGR 3260	Engineering Design: Engineering for Humanity .....	2
ENGR 2430	Electrical Circuit Theory .....	4
MATH 3326	Partial Equations .....	3
CHEM 1410	General Chemistry I .....	4
UMHB 1005	Fine Arts Experience	

##### SENIOR YEAR

Fall

ENGR 4380	Capstone Design I .....	3
	Engineering Elective- 6 hours .....	6
MATH 2303	Statistics .....	3



POLS 2310	State and Federal Government I .....	3
WRIT 3344	Scientific Writing .....	3
UMHB 1005	Fine Arts Experience	
Spring		
ENGR 4381	Capstone Design II .....	3
ENGR 4370	Computer Science & Engineering Ethics Seminar .....	3
	Engineering Elective- 6 hours .....	6
POLS 2311	State and Federal Government II .....	3
UMHB 1005	Fine Arts Experience	
Total Hours: 126		

## Mathematics

The aim of the Department of Mathematics is to develop in our students critical thinking and problem solving skills through mathematical reasoning. We offer two degree programs to adequately 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 catalog for Department of Education) 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
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#### 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
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#### Senior Spring Semester

EDUC 4250	Student Teaching Seminar .....	2
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5

### Placement in MATH 1300

All degrees at UMHB require either MATH 1304 (Quantitative Reasoning) or MATH 1306 (College Algebra) or higher. MATH 1304 has no prerequisites or required SAT/ACT scores.

In keeping with the Texas Success Initiative, the testing prerequisites for enrolling in MATH 1306 are\*:

SAT: a math SAT score of 530 or higher

or

ACT: a math ACT score of 22 or higher

Students with lower scores will be placed into Mathematics Review (MATH 1300). In order to appeal that placement, the student must take one of the placement tests in mathematics which is accepted by UMHB. That test score will be used to determine whether the student can place into MATH 1306.

\*Although UMHB currently uses Accuplacer to determine placement in mathematics, other placement tests are acceptable. The table below gives the scores required to place out of MATH 1300 and into MATH 1306.

Placement Test .....	Score to Place out of MATH 1300 and into MATH 1306
Accuplacer (Algebra) .....	63 or above
THEA (Math) .....	230 or above
Compass (Algebra) .....	39 or above
ASSET (Algebra) .....	38 or above

Note: If a student scores a 28 or higher on the ACT MATH section or a 650 or higher on the SAT Math section, he or she will receive credit for MATH 1306. On SAT administered March 2016 and later

## MATHEMATICS B.A.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

### DEGREE REQUIREMENTS

**Academic Core – 63 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

**B.A. Math Major Required Courses –37 hours**

12 hours (6 upper level ) at UMHB	
12 hours minimum upper level	
MATH 1330	Calculus I .....3
MATH 2303	Statistics .....3
MATH 2320	Linear Algebra .....3
MATH 2330	Calculus II .....3
MATH 3093	Junior Evaluation
MATH 3315	History of Mathematics.....3
MATH 3320	Foundations of Higher Mathematics.....3
MATH 3325	Ordinary Differential Equations.....3
MATH 3330	Calculus III.....3
MATH 3341	Numerical Analysis.....3
MATH 4193	Senior Seminar.....1
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
WRIT 3344	Scientific Writing .....3
or	
EDUC 2311	Classroom Technology .....3

### MATHEMATICS B.S.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core –57 hours** (see Bachelor of Science Academic Core)

Mathematics majors seeking a B.S. degree are also required to take PHYS 2421 to satisfy 4 of the 12 semester hours of lab sciences required in the core curriculum.

**B.S. Math Major Required Courses –37 hours**

12 hours (6 upper level ) at UMHB	
12 hours minimum upper level	
MATH 1330	Calculus I .....3
MATH 2303	Statistics .....3
MATH 2320	Linear Algebra .....3
MATH 2330	Calculus II .....3
MATH 3093	Junior Evaluation
MATH 3315	History of Mathematics.....3
MATH 3320	Foundations of Higher Mathematics.....3
MATH 3325	Ordinary Differential Equations.....3
MATH 3330	Calculus III.....3
MATH 3341	Numerical Analysis.....3
MATH 4193	Senior Seminar.....1
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
WRIT 3344	Scientific Writing .....3
or	
EDUC 2311	Classroom Technology .....3

\* PHYS 2421 satisfies 4 of the 12 hours of required lab science.

C. Electives (as necessary) to bring total to - 124 hours

### MATHEMATICS MINOR

#### DEGREE REQUIREMENTS

**Required Courses – 21 hours** (6 hours upper level at UMHB)

MATH 1330	Calculus I .....3
MATH 2320	Linear Algebra .....3
MATH 2330	Calculus II .....3
MATH 3320	Foundations of Higher Mathematics.....3
MATH 3330	Calculus III.....3
Any two of the following:	
MATH 3314	Geometry.....3
MATH 3315	History of Mathematics.....3
MATH 3325	Ordinary Differential Equations.....3
MATH 3341	Numerical Analysis.....3
MATH 4320	Abstract Algebra .....3
MATH 4385	Mathematical Probability and Statistics.....3

# School of Social Sciences

Rebecca Peterson, Ph.D.  
Associate Dean

The School of Social Sciences includes the departments of History and Political Science, Psychology, and Social Work, Sociology and Criminal Justice, as well as the Pre-Law program. Majors and minors in the social and applied sciences focus on humans, individually and in groups, analyzing their actions and interactions in a wide range of contexts. The curricula emphasizes diversity, inquiry, and critical thinking, providing a strong foundation from which students can build both personally and professionally. 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 Department of History and Political Science is to provide learning opportunities to students 1) to understand and appreciate the human experience through the study of history and political science and 2) to develop and utilize communication and critical thinking skills. Both disciplines within the department enhance understanding of our selves 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.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core - 63 hours** (see Bachelor of Arts Degree Academic Core)

**B.A. History Major Required Courses – 30 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 4090	History Capstone	

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.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core – 57 hours** (see Bachelor of Science Academic Core)

**B.S. History Major Required Courses – 30 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 4090	History Capstone	

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	Electives .....	9
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

Minors may enroll in upper level courses with the consent of the instructor if prerequisites have not been met.

Students must earn a C or better for any course to count toward the minor.

## HISTORY OR SOCIAL STUDIES 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 catalog for Department of Education) 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
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### 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
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### Senior Spring Semester

EDUC 4250	Student Teaching Seminar .....	2
EDUC 4501	Student Teaching I .....	5
EDUC 4502	Student Teaching II .....	5

### DEGREE REQUIREMENTS

**B.A. or B.S. History Major Required Courses – 30 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 Upper Level Electives 6 hours .....	6

HIST 4090 History Capstone

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 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.
- 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, secondary school teaching, 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.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

DEGREE REQUIREMENTS

**Academic Core - 63 hours** (see Bachelor of Arts Degree Academic Core)

**B.A. Political Science Major Required Courses – 30 hours**

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

POLS 2310	State and Federal Government I .....	3
POLS 2311	State and Federal Government II .....	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 .....	

Students must earn a C or better for any course to count toward the major.

POLITICAL SCIENCE B.S.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

DEGREE REQUIREMENTS

**Academic Core – 57 hours** (see Bachelor of Science Academic Core)

**B.S. Political Science Major Required Courses – 30 hours**

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

POLS 2310	State and Federal Government I .....	3
POLS 2311	State and Federal Government II .....	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 .....	

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 2310	State and Federal Government I .....	3
POLS 2311	State and Federal Government II .....	3
POLS 2315	Comparative Political Systems .....	3
POLS 2320	Topics and Methods of Political Science .....	3

12 hours in POLS

Students must earn a C or better for any course to count toward the minor.

PRE-LAW

Any student desiring to attend law school will be required to complete a baccalaureate degree in the field of his or her choice. While law schools accept applicants with degrees in all types of different fields, students earning the Bachelor of Arts or Bachelor of Science are particularly prepared for the study of law by majoring in the Liberal Arts. Degree programs such a Political Science, History, and Communication sharpen critical skills important to success in law school. These skills include reading comprehension, critical thinking, and research. Students interested in attending law school must meet two basic requirements. First and foremost, students must maintain a strong GPA throughout their undergraduate degree. Law schools first look at commendable GPAs of 3.25 or higher of applicants before seriously considering them for admission. Second, law schools admit those students with the highest scores on the Law School Admissions Test (LSAT). Prospective students should take the LSAT in their junior year to ensure that they have time to retake the test before applying to law school by their senior year. Students should consider taking as many LSAT practice tests as possible.

While some law schools may look for specific courses on student transcripts (political science, philosophy, sociology, and history), many admission standards center on applicants that are well-rounded individuals.

**Recommended courses at UMHB for students interested in law school include:**

POLS 2310	State and Federal Government I .....	3
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POLS 2311	State and Federal Government II .....	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
COMM 3310	Persuasion .....	3
COMM 3325	Advanced Public Speaking .....	3
COMM 3351	Argumentation & Debate .....	3
COMM 4340	Law and Regulation of the Mass Media .....	3
PHIL 3316	Critical Reasoning.....	3
BLAW 3311	Business Law .....	3

More information for applying to law school is available from the Pre-Law Advisor, Dr. David Chrisman, at [dchrisman@umhb.edu](mailto:dchrisman@umhb.edu), (254) 295-4165.

# Psychology

Dr. Trent Terrell, 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 is desirable in everyone but is 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.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

### DEGREE REQUIREMENTS

**Academic Core – 63 hours** (see Bachelor of Arts Academic Core)

**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 2201	Psychological Writing .....	2
PSYC 2316	Statistics for the Social Sciences.....	3
PSYC 2314	Psychological Methods .....	3
PSYC 3323	History and Systems of Psychology .....	3
PSYC 4090	Senior Evaluation .....	
PSYC 4316	Experimental Psychology .....	3

### CLINICAL TRACK

In addition to the core courses listed above, students on the Clinical Track must take:

PSYC 2101	Professions in Clinical Psychology.....	1
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 4312	Psychology of Personality Theory .....	3
PSYC	3 upper-level electives .....	

A grade of “C” or better is required in all psychology courses counting toward the major.

## PSYCHOLOGY B.S.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

### DEGREE REQUIREMENTS

**Academic Core –57 hours** (see Bachelor of Science Academic Core)

**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-Medical/Experimental Track in order to complete the remaining 19 hours.

PSYC 1301	General Psychology .....	3
PSYC 2314	Psychological Methods .....	3
PSYC 2201	Psychological Writing .....	2
MATH 2303	Statistics .....	3
	or	
PSYC 2316	Statistics for the Social Sciences.....	3
PSYC 3323	History and Systems of Psychology .....	3
PSYC 4090	Senior Evaluation .....	
PSYC 4316	Experimental Psychology .....	3

All students must complete a statistics course. Students pursuing medical school are strongly encouraged to complete MATH 2303 Statistics. Experimental students or 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 2101	Professions in Clinical Psychology.....	1
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 4312	Psychology of Personality Theory .....	3
PSYC	3 upper-level electives	

#### **PRE-MEDICAL/EXPERIMENTAL TRACK**

The courses required to complete the Pre-Medical/Experimental Track are as follows:

One of the following

PSYC 2101	Professions in Clinical Psychology.....	1
	or	
PSYC 2102	Introduction to Psychological Research.....	1
	One of the following	
PSYC 2311	Developmental Psychology .....	3
	or	
PSYC 3316	Child & Adolescent Psychology .....	3
	One of the following	
PSYC 3315	Abnormal Psychology.....	3
	or	
PSYC 3317	Child and Adolescent Psychopathology.....	3

**The remaining twelve hours should be comprised of upper-level Psychology courses. The courses strongly recommended to complete the Pre-Medical/Experimental Track are as follows:**

PSYC 3319	Social Psychology .....	3
PSYC 3331	Neurophysiological Psychology .....	3
PSYC 3333	Sensation and Perception .....	3

**Pre-Medical students are strongly encouraged to complete the degree by taking one of the following courses:**

PSYC 3320	Health Psychology .....	3
PSYC 3350	Cognition.....	3
PSYC 4311	Theories of Learning.....	3
PSYC 4312	Psychology of Personality Theory .....	3
PSYC 4355	Psychological Perspectives on Human Nature .....	3

**Pre-Medical students are also advised that most medical schools require completion of the following undergraduate science classes:**

BIOL 1350, BIOL 1150, BIOL 1360, BIOL 1160, BIOL 2340, BIOL 2140, BIOL 2341, BIOL 2141, CHEM 1410, CHEM 1420, CHEM 3410, CHEM 3420, PHYS 2411, and PHYS 2412

**For students pursuing the Experimental Track, the following courses are strongly recommended:**

PSYC 4318	Advanced Experimental Design .....	3
PSYC 4390	Independent Study .....	3

The remaining electives should be chosen so as to correspond to the research interest of the students.

For both tracks, careful consultation with your advisor is strongly encouraged so as to choose the Psychology electives that best fit with your graduate ambitions.

A grade of “C” or better is required in all Psychology courses counting toward the major.

#### **PSYCHOLOGY MINOR**

A minor in Psychology requires 18 semester hours. A grade of “C” or better is required in all psychology courses counting toward the minor.

# Social Work, Sociology, and Criminal Justice

Dr. Isaac Gusukuma, Chairperson

## Social Work

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.

The major in Social Work is designed to prepare students for entry level professional Social Work practice and for graduate Social Work education.

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 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 BCIS 1301, COMM 1320, ENGL 1321, ENGL 1322, POLS 2311, 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 legal 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.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

### DEGREE REQUIREMENTS

**Academic Core – 63 hours** (see Bachelor of Social Work Academic Core)

**B.S.W. Social Work Major Required Courses –49 hours**

12 hours (6 upper-level ) at UMHB

12 hours minimum upper level

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	
SOCW 4311	Senior Seminar in Social Work .....	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

SOCW 4312: meets Scientific Inquiry requirement

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:**

BCIS 1301	Technological Solutions for Personal Productivity .....	3
COMM 1320	Public Speaking .....	3
ENGL 1321	Rhetoric & Composition I .....	3
ENGL 1322	Rhetoric & Composition II .....	3
POLS 2311	State and Federal Government II .....	3
PSYC 1301	General Psychology .....	3
SOCI 1311	Introduction to Sociology .....	3
SOCW 2311	Introduction to Social Work .....	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 124 hours required for graduation.

## Sociology

Sociology offers students an understanding of human relations, social processes, and major institutions. Those who take Sociology as an integral part of general education or teacher education will find the study of society and its organization, functioning, and problems helpful for their future roles in a profession. The program prepares majors for employment in the areas of non-profit agencies, policy development, public relations, or human resources. The program for majors is also designed to prepare them for graduate school in Sociology, Law, or Urban Planning.

### SOCIOLOGY B.A.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core – 63 hours** (see Bachelor of Arts Academic Core)

**B.A. Sociology Major Required Courses –30 hours**

12 hours (6 upper-level ) at UMHB

12 hours minimum upper level

SOCI 1311	Introduction to Sociology .....	3
SOCI 4318	Social Theory .....	3
SOCI	Four Upper-level Electives .....	
SOCI	Four Electives .....	
SOCI 4090	Senior Examination.....	

15 of these semester hours should be taken in junior and senior level courses

SOCI 2316 is highly recommended. Those students who anticipate graduate work in Sociology are strongly advised to take SOCI 2305.

### SOCIOLOGY B.S.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core –57 hours** (see Bachelor of Science Academic Core)

**B.S. Sociology Major Required Courses –30 hours**

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

SOCI 1311	Introduction to Sociology .....	3
SOCI 4318	Social Theory .....	3
SOCI	Four Upper-level Electives .....	
SOCI	Four Electives .....	
SOCI 4090	Senior Examination.....	

15 of these semester hours should be taken in junior and senior level courses

SOCI 2316 is highly recommended. Those students who anticipate graduate work in Sociology are strongly advised to take SOCI 2305.

### SOCIOLOGY MINOR

A minor in Sociology requires 24 semester hours, including SOCI 1311 (12 of these semester hours must be taken in courses intended for juniors and seniors).  
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.

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

#### DEGREE REQUIREMENTS

**Academic Core – 63 hours** (see Bachelor of Arts Academic Core)

**Social Science- 6 hours**

\* SOCI 2316 required

Three additional hours in a subject area outside of major

**B.A. Criminal Justice Major Required Courses-36 hours**

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

Three lower level Criminal Justice courses – 9 hours

Intro to Criminal Justice

Fundamentals of Criminal Law  
Courts and Criminal Procedure

**Plus 3 of the following lower level courses:**

Police Systems and Practices  
Criminal Investigation  
Correctional Systems and Practices  
Community Based Corrections  
Legal Aspects of Law Enforcement

**The 18 lower level semester hours are not taught at UMHB and must be completed at a local community college or other university**

**18 hours of upper level coursework, to include:**

CRIJ 3318	Juvenile Delinquency.....	3
CRIJ 4090	Senior Examination	
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.**

124 MINIMUM HOURS  
36 UPPER LEVEL HOURS  
31 HOURS AT UMHB

### **DEGREE REQUIREMENTS**

**Academic Core –57 hours** (see Bachelor of Science Academic Core)

**Social Science- 6 hours**

\* SOCI 2316 required

Three additional hours in a subject area outside of major

**B.S. Criminal Justice Major Required Courses –36 hours**

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

CRIJ 3318	Juvenile Delinquency.....	3
CRIJ 4090	Senior Examination	
CRIJ 4317	Criminology .....	3
CRIJ 4320	Ethics in Criminal Justice .....	3
CRIJ 4321	Critical Issues in Criminal Justice.....	3
CRIJ	Upper-level Elective .....	6

**Three lower level Criminal Justice courses – 9 hours**

Intro to Criminal Justice  
Fundamentals of Criminal Law  
Courts and Criminal Procedure

**Plus 3 of the following lower level courses:**

Police Systems and Practices  
Criminal Investigation  
Correctional Systems and Practices  
Community Based Corrections  
Legal Aspects of Law Enforcement

**The 18 lower level semester hours are not taught at UMHB and must be completed at a local community college or other university**

**18 hours of upper level coursework, to include:**

CRIJ 3318	Juvenile Delinquency.....	3
CRIJ 4090	Senior Examination	
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 – 21 hours** (6 hours upper level at UMHB)

Introduction to Criminal Justice.....	3
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:

- Fundamentals of Criminal Law
- Courts and Criminal Procedure
- Police Systems and Practices
- Correctional Systems and Practices
- Community Resources in Corrections
- Legal Aspects of Law Enforcement

Lower level Criminal Justice courses are not taught at UMHB and must be completed at a local community college or other university.

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.

# Aerospace Studies Department

Myers S. Gray, 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. Students who participate in the AFROTC program are eligible to receive a waiver for two hours of required Exercise and Sport Science activity courses.

## 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 the Leadership Laboratory (LLAB) and are required for cadets pursuing a commission in the Air Force. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop leadership potential. LLAB involves 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 officer. Field trips to Air Force 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) Foundation of the United States Air Force and (2) Evolution of USAF Air and Space Power. Students will survey the basic characteristics, missions, and organization of the Air Force and examine the development and employment of air power. For cadets, the GMC culminates in a four-week, off campus training course called Leadership Evaluation and Development (LEAD). 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.

## Leadership Evaluation and Development (LEAD)

Eligible cadets compete, on a nationwide basis, to attend Leadership Evaluation and Development (LEAD) during the summer months at an Air Force training site in the United States. Students usually compete for a LEAD enrollment allocation in the spring of their sophomore year and attend LEAD that summer. LEAD expenses are paid by the Air Force and successful completion of LEAD 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) United States Air Force Leadership Studies and (2) National Security Affairs and Preparation for Active Duty. 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.

## AFROTC Courses for Other Students

Students who are not pursuing a career as an Air Force officer may take the AERO 1101, 1102, 2101, 2102, 3301, 3302, 4301, and 4302 classes for credit. These students will not register for the leadership laboratory portion (i.e., AERO 1111, 1112, 2111, 2112, 3111, 3112, 4111, 4112) of the AFROTC program and are not considered cadets. There is no military service obligation for students who enroll in these classes.

## 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](mailto: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)

Captain Clayton Terry, Assistant Professor of Military Science, Chairperson

## Requirements for Admission

**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 Department of Military Science 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

#### Required Courses – 18 hours

ROTC 3311	Adaptive Team Leadership .....	3
ROTC 3312	Applied Team Leadership .....	3
ROTC 4311	Adaptive Leadership .....	3
ROTC 4312	Leadership in a Complex World .....	3

#### 3 semester hours from:

ROTC 1311	Leadership and Personal Development.....	3
ROTC 1312	Introduction to Tactical Leadership .....	3
ROTC 2311	Foundations of Leadership.....	3
ROTC 2312	Foundations of Tactical Leadership .....	3

ROTC 2312: with department approval

HIST 3311: may be substituted for military history course equivalency

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.



# **SCOTT AND WHITE COLLEGE OF NURSING**

**Sharon Souter, RN, Ph.D., C.N.E.**  
**Dean and Professor**

## **Mission**

The mission of the Scott and White College 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 College 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 AND WHITE COLLEGE OF NURSING

## Philosophy

The Scott and White College of Nursing is an integral part of the University. The philosophy of the College 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 College 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 Competencies (DECs).

The faculty believe:

- Humans are bio-psycho-social-spiritual beings.
- Nurses serve a diversity of patients including individuals, families, groups, and communities across the lifespan.
- The role of the nurse is to be a leader in providing safe and effective care in a dynamic health care environment.
- The professional nurse must demonstrate leadership in assessing, analyzing, planning, implementing, and evaluating nursing care.
- As a member of the inter-disciplinary team, the nurse must effectively communicate and collaborate with team members and the individual, family, or community.
- Clinical reasoning based on knowledge of the natural, behavioral, and social sciences, humanities, and nursing science is an essential component of nursing practice.
- The nurse must use therapeutic interventions, which include the provision of physical, psychological, and spiritual care, health teaching, and advocacy. These interventions require skillful utilization of the nursing process, informatics, communication, and inter-disciplinary referral.
- The professional nurse must assume responsibility and accountability for his/her nursing practice.
- The nurse must continuously strive to improve as a professional and to contribute to the advancement of the nursing profession.
- Learning is a dynamic process, which is influenced by the learner's individuality and experiences, and is manifested by changes in behavior. The responsibility for acquiring and applying knowledge lies with the learner. The faculty is responsible for assisting the learner in achieving the program outcomes by providing learning experiences that are concept-based and founded on the best educational practice.

## Program Goals

To provide a concept-based curriculum which:

1. Prepares graduates for entry level professional nursing practice.
2. Focuses on persons across the lifespan and throughout the health continuum.
3. Encourages life-long learning and provides a foundation for graduate study.
4. Promotes involvement in professional and community organizations and activities.

## Student Learning Outcomes

1. Exhibit safe and effective concept-based patient centered care across the life span in an increasingly complex and evolving healthcare environment.
2. Apply the nursing process to guide clinical reasoning in providing concept based nursing care to diverse individuals, families, groups and communities across the life span
3. Assume responsibility and accountability for one's concept based nursing practice.
4. Employ effective and therapeutic communication with patients and members of the inter-disciplinary health care team to deliver concept based patient centered care across the life span.
5. Integrate the use of information systems to coordinate concept based-patient care delivery.
6. Generate decisions utilizing evidence based practice in caring for patients and families across the life span.
7. Synthesize leadership and management strategies in the delivery of concept based health care services to improve patient health outcomes across the life span.
8. Integrate professional, ethical, moral, legal and spiritual concepts into one's concept-based nursing practice within a multi-cultural, global environment.

## Accreditation Information

- Texas Board of Nursing  
333 Guadalupe, Suite 3-430  
Austin TX 78701
- Commission on Collegiate Nursing Education  
One Dupont Cir NW Ste 530  
Washington DC 20036-1120

## Admission to the Program

Students desiring to seek admission to the nursing program must first be admitted to the University of Mary Hardin-Baylor, but admission to the University DOES NOT constitute automatic admission into the nursing program. Admission to the College of Nursing requires a separate application and is determined by the College 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 College of Nursing criteria represent minimum requirements. Students seeking entrance into the nursing program will be evaluated on the basis of 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. The application deadline for the fall semester is March 1 and for the spring, October 1.

To be eligible for admission, students must meet the following requirements PRIOR to their admission to NURS 2460 and 2350.

1. A Kaplan 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 minimum 65% on the reading section
2. A student must have completed the following required prerequisite courses. With respect to those courses indicated with an \*, a student must earn a minimum grade of "C" in each prerequisite course.
  - \*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 Ideas — 3 semester hours
- e. Global Issues — 3 semester hours
- f. Exercise & Sport Science — 2 activity courses
- g. Electives — 3 semester hours
- h. 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 CON 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 prior to enrolling in nursing courses:
  - a. Submit a report of health history and physical examination within the past six months prior to entry into NURS 2460 and 2350. (Form provided)
  - b. Submit evidence of a negative TB skin test within two months prior to admission to NURS 2460 and 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.
  - c. Certification of immunizations:
    - (1) A minimum of three doses of tetanus/diphtheria, the last dose of which was within 10 years.
    - (2) Measles (rubeola), mumps, rubella (2 doses), and varicella (2 doses) (if no history of chicken pox or titer does not indicate immunity)
    - (3) Hepatitis B series (3 injections)
    - (4) An annual flu immunization is required
  - d. All physical health information will be submitted by the student to the designated College of Nursing (CON) entity.
  - e. Students must also complete and sign an essential performance standards document.
4. All students will be required to be fingerprinted 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 the clinical setting 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. The Declaratory Order process permits the BON to make decisions regarding an applicant's eligibility for licensure prior to entering or completing a 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.
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 nursing courses. Note: NO online courses are acceptable. No provider other than the American Heart Association is acceptable.

## Transfer Students

The Dean or the Chair of the Nursing Admissions Committee reviews all potential transfer students' records. Recommendations about admission and placement in the nursing program are determined by the Admission, Progression and Retention Committee of the CON.

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", "WQ", or "W" (when "W" is due to failure), in previous nursing courses in two different semesters will not be eligible for admission to the UMHB nursing program.

Students planning to take any prerequisite courses at another college should seek guidance from the Dean of the CON 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 nursing courses in order to pass each course. Within each course, a student must receive at least 75 on all identified critical components to pass (refer to the College 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.

4. A student who receives a “D”, “F”, or “WQ” (when “W” is due to failure) in a nursing course must seek readmission to the nursing program. Eligibility to repeat a nursing course is determined by the Admission, Progression and Retention Committee of the College of Nursing. If the class is a prerequisite to the next nursing course, the student must repeat the class before proceeding to the next curriculum level of courses. If the student receives another “D”, “F”, “WQ,” or “W” (when “W” is due to failure) in a nursing course during a subsequent semester, the student is not eligible for readmission.
5. A student who withdraws from or has an interruption in his/her enrollment in nursing for any reason must seek readmission to the program.
6. A student seeking readmission will be evaluated on the basis of current criteria for admission and progression and space availability.

## Expenses

In addition to tuition and fees, students majoring in nursing will have the following expenses:

1. Laptop computer with the identified system requirements.
2. Textbooks must be purchased each semester at an average cost of \$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, shoes, and required picture ID badge must be purchased the semester the student is admitted to the clinical program at an approximate cost of \$300. This expense should be a one-time cost.
5. Students are required to provide their own transportation to clinical facilities.
6. Outside workshops costs are about \$50 per year.
7. Fees related to RN licensure are approximately \$400 and must be paid the first week of the last semester of the program.
8. 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. For incoming students this fee is approximately \$90 per semester.
9. Online testing: \$50.00 (each semester)
10. Online electronic medical record software: \$50.00 (each semester)
11. Graduation costs are approximately \$160.
12. The College of Nursing pin is purchased when the student has successfully completed the nursing program. Cost, presently around \$150, is related to current gold prices.
13. Students must present yearly evidence of a negative TB skin test or a negative chest x-ray if medically indicated. Cost will vary.
14. Students may be required to provide additional evidence of medical/health clearance during the clinical program at their own expense.
15. Finger printing through designated agency, approximately \$45.
16. Urine drug screen, approximately \$28. ‘For Cause’ random drug screens may also be required.
17. Gasoline costs to travel to clinical facilities, approximately \$400.00 per year.

## General Information

1. The College of Nursing reserves the right to deny an applicant admission or readmission to the program for any legal 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 the policies and regulations (i.e. health forms, liability, dress) of the College of Nursing and professional standards and to comply with them. Also see the current College of Nursing Student Handbook.
3. It is the responsibility of the student to keep the College of Nursing office manager and faculty informed of changes in name, address, telephone number, e-mail or any other requested information.
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 nursing curriculum is sequential, certain prerequisites exist for both admission to and progression in the nursing program. Within each level there is a first and a second semester. All courses in the first semester must be completed before progressing to the second semester. Likewise, all courses in the junior level must be completed before progressing to the senior level.

**Note: Nursing students will take courses in their proper sequence. Students must complete each course in a grouping before moving to the next group:** NURS 2460 and 2350 (introductory); NURS 3300, 3210, 3620 AND 3320 (NI); NURS 3315, 3325, 3621 and 3321, (NII); NURS 4620, 4240 and 4410, (ABI), and NURS 4230, 4330, 4700 and 4000, (ABII).

**NOTE: A student may submit an application to take the National Council for Licensure Examination - 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 Nursing Office. It is most helpful if the student declares a minor as early as possible.

# NURSING B.S.N.

**124 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**31 HOURS AT UMHB**

## DEGREE REQUIREMENTS

**Academic Core – 61 hours**

### B.S.N. Nursing Major Required Courses – 63 hours

12 hours (6 upper level ) at UMHB

12 hours minimum upper level

NURS 2350	Health Assessment Across Lifespan .....	3
NURS 2460	Essentials in Nursing .....	4
NURS 3300	Introduction to Professional Nursing .....	3
NURS 3210	Population Health Perspectives .....	2
NURS 3620	Health Care Delivery .....	6
NURS 3320	Pathophysiology I .....	3
NURS 3315	Nursing Perspectives in Pharmacotherapy .....	3
NURS 3325	Evidence-Based Practice in Nursing .....	3
NURS 3621	Health Care Delivery II .....	6
NURS 3321	Pathophysiology II .....	3
NURS 4240	Advanced Pathophysiological and Pharmacotherapeutic Concepts in Nursing .....	2
NURS 4620	Health Care Delivery III .....	6
NURS 4310	Global Perspectives in Health Care .....	3
NURS 4410	Nursing Governance in Healthcare .....	4
NURS 4230	Contemporary Issues .....	2
NURS 4330	Transition into Practice .....	3
NURS 4700	Capstone .....	7
NURS 4000	NCLEX Readiness and Comprehensive Exam	

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

## PROGRAM OF STUDY (TYPICAL SEQUENCING)

### Freshman Year – 33 hours

ENGL 1321	Rhetoric & Composition I .....	3
ENGL 1322	Rhetoric & Composition II .....	3
CHEM 1441	College Chemistry .....	4
BIOL 2340	Human Anatomy & Physiology I .....	3
BIOL 2140	Human Anatomy & Physiology I Lab .....	1
PSYC 1301	General Psychology .....	3
PSYC 2311	Developmental Psychology .....	3
COMM 1320	Public Speaking .....	3
SOCI 1311	Introduction to Sociology .....	3
ARTS	.....	3
Global Issues	.....	3
UMHB 1101	Freshman Seminar .....	1
UMHB 1002	Chapel	

Fine Arts

UMHB 1002 (Chapel): Credits required are determined by total hours transferred upon admission to UMHB

Fine Arts: Credits required are determined by total hours transferred upon admission to UMHB

Students must seek separate admission to nursing and typically apply in the fall of their sophomore year.

Application deadline is October 1 for spring and March 1 for fall.

**The following MUST be completed prior to admission:**

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
PSYC 1301	General Psychology .....	3
PSYC 2311	Developmental Psychology .....	3
COMM 1320	Public Speaking .....	3
SOCI 1311	Introduction to Sociology .....	3
CHEM	Introductory Chemistry or College Chemistry or General Chemistry	
or		
BIOL 2380	Microbiology .....	3
BIOL 2180	Microbiology Lab .....	1

#### **Sophomore Year – 32 hours**

CSBS 1311	Engaging the Old Testament .....	3
CSBS 1312	Engaging the New Testament .....	3
Physical Education (two activity courses)	.....	2
BIOL 2380	Microbiology .....	3
BIOL 2180	Microbiology Lab .....	1
BIOL 2341	Human Anatomy & Physiology II .....	3
BIOL 2141	Human Anatomy & Physiology II Lab .....	1
ENGL	Literature .....	3
Elective	.....	3
MATH 2303	Statistics .....	3
NURS 2350	Health Assessment Across Lifespan .....	3
NURS 2460	Essentials in Nursing .....	4
UMHB 1002	Chapel	

Fine Arts

UMHB 1002 (Chapel): Credits required are determined by total hours transferred upon admission to UMHB

Fine Arts: Credits required are determined by total hours transferred upon admission to UMHB

#### **Junior Year – 29 hours**

NURS 3300	Introduction to Professional Nursing .....	3
NURS 3210	Population Health Perspectives .....	2
NURS 3620	Health Care Delivery .....	6
NURS 3320	Pathophysiology I .....	3
NURS 3315	Nursing Perspectives in Pharmacotherapy .....	3
NURS 3325	Evidence-Based Practice in Nursing .....	3
NURS 3621	Health Care Delivery II .....	6
NURS 3321	Pathophysiology II .....	3

Fine Arts

Fine Arts: Credits required are determined by total hours transferred upon admission to UMHB

MATH 2303: College Algebra is a prerequisite

MATH 2303: Must be completed prior to second semester of the junior year.

#### **Senior Year – 30 hours**

NURS 4620	Health Care Delivery III .....	6
NURS 4310	Global Perspectives in Health Care .....	3
NURS 4410	Nursing Governance in Healthcare .....	4
NURS 4230	Contemporary Issues .....	2
NURS 4240	Advanced Pathophysiological and Pharmacotherapeutic Concepts in Nursing .....	2
NURS 4330	Transition into Practice .....	3
NURS 4700	Capstone .....	7
NURS 4000	NCLEX Readiness and Comprehensive Exam	

World Ideas 3

Fine Arts

Fine Arts: Credits required are determined by total hours transferred upon admission to UMHB

**Subtotal: 124**

## **ADVANCED PLACEMENT FOR REGISTERED NURSES (RN-B.S.N.)**

Please refer to the CBE catalog for information on the RN to BSN program.

# COLLEGE OF VISUAL & PERFORMING ARTS

**Ted Barnes, 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.



## **Core Curriculum offered by the College of Visual and Performing Arts**

UMHB has a broadly based core curriculum that is central to the University's mission. Three credit hours of fine arts courses are required for all students seeking a degree. The CVPA offers a wide range of courses to fulfill this requirement, which range from a general fine arts appreciation course (see below) to more specific fine arts courses such as art appreciation, music appreciation, design, drawing, musical ensembles, and more.

## **UMHB Fine Arts Experience Requirement (FAE)**

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 the beginning of their first semester as a full-time student. By doing this requirement conflicts will be avoided.

## **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 an FAE Committee appointed from the CVPA by the Provost.

## **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. FAE attendance is mandatory, if attendance records indicate that a student did not attend the required number of FAE events, or did not make-up the absence, they 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 Director of the Fine Arts Experience in the College of Visual and Performing Arts. If a student feels that an error has been made, he/she has until the first two weeks of the following semester to question the accuracy of the records.

To receive credit the student must be scanned out of the event.

# ART

## Hershall Seals, Chairperson

The purpose of the Art Department is to equip students with a wide range of skills and concepts of artistic expression by developing and maintaining a faculty with diverse artistic experience who are committed to freedom of creativity guided by Christian principles.

The Art curriculum is designed to give students a foundation of art knowledge which will prepare them for careers, vocations, and graduate programs in Art. Concepts and processes in the curriculum stress perceiving, expressing, appreciating, and evaluating experiences in the visual arts. Methods of original and independent thinking are encouraged to stimulate intellectual, professional, and cultural growth. Programs planned according to students' needs offer maximum flexibility in the context of a liberal arts education. The Art Department amplifies the liberal arts philosophy by featuring balanced learning experiences for students in non-Art disciplines as well.

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 18 hours of Art courses.

## ART B.A.

**124 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**31 HOURS AT UMHB**

**DEGREE REQUIREMENTS**  
**Academic Core – 63 hours**

**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	
ARTS 3355	Graphic Design History .....	3
	or	
ARTS 4350	American Art.....	3
ARTS	Upper Level Elective.....	15
ARTS 4081	Senior Exhibition	

Note: Studio courses are to be taken in sequence.

Sophomore Review

Required after completion of 18 hours of Art

## 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 catalog for Department of Education) 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.

**128 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**32 HOURS AT UMHB**

**DEGREE REQUIREMENTS**

**A. Core Courses - 46 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.*

**Capstone**

determined by major

**Christian Studies - 6 hours**

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

**Global Issues or 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 Science (2 activity courses) - 2 Courses****Fine Arts - 3 hours**

Fulfilled by Major

**Lab Science - 4 hours****Public Speaking - 3 hours**

COMM 1320	Public Speaking .....	3
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**Quantitative Reasoning - 3 hours**

MATH 1304	Quantitative Reasoning .....	3
	or	
	higher	

**Scientific Inquiry or Natural Sciences - 3 hours****Social Science - 6 hours****two different subject areas outside of major**

PSYC 1301	General Psychology.....	3
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**Technology - 3 hours**

EDUC 2311	Classroom Technology .....	3
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**Chapel - 1 to 4 credits**

UMHB 1002	Chapel
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UMHB 1002: credits determined by admission classification

**Fine Arts Experience - 2-8 credits**

UMHB 1005	Fine Arts Experience
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UMHB 1005: credits determined by admission classification

**Freshman Seminar - 1 hour**

UMHB 1101	Freshman Seminar .....	1
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UMHB 1101: required for first-time freshmen with fewer than 12 semester hours of transfer credit only

**World Ideas or Philosophy or Non-US History - 3 hours****Art Major, B.F.A. with All Level Teacher Certification – 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	

**Upper Level Classes – 30 hours**

ARTS 3310	Printmaking I: Relief and Screen Print.....	3
	or	
ARTS 4310	Printmaking II: Intaglio and Lithog.....	3
ARTS 3320	Painting II .....	3
ARTS 3331	Elementary Art.....	3
ARTS 3332	Secondary Art .....	3
ARTS 3345	Art Metals I .....	3
	or	
ARTS 3311	Life Drawing .....	3
ARTS 3360	Ceramics II .....	3
	or	
ARTS 4320	Painting III.....	3
ARTS 4350	American Art.....	3
ARTS 4380	Senior Studio .....	3
ARTS 4311	Advanced Drawing Problems.....	3
	or	
ARTS 3340	Sculpture.....	3
ARTS 3351	Modern Art .....	3
ARTS 4081	Senior Exhibition	
ARTS 3331 & ARTS 3332 may not be repeated.		

**Sophomore Review****Required after completion of 18 hours of Art**

**Pedagogy and Professional Practices – 24 hours****Sophomore Year**

EDUC 3315	Students and Learning .....	3
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**Junior Year or Senior Year Semester 1**

EDUC 4324	Classroom Management .....	3
READ 4326	Disciplinary Literacy .....	3
EDUC 4328	Curriculum Design I .....	3

**Senior Year Second Semester**

EDUC 4250	Student Teaching Seminar .....	2
EDUC 4501	Student Teaching I .....	3
EDUC 4502	Student Teaching II .....	3

**Basic Skills**

Reading  
Math  
Writing  
Oral  
Critical Thinking

**ART B.F.A. WITH A MAJOR IN GRAPHIC DESIGN****124 MINIMUM HOURS****36 UPPER LEVEL HOURS****31 HOURS AT UMHB****DEGREE REQUIREMENTS****Academic Core – 43 hours****Art Major, B.F.A. degree with an emphasis in Graphic Design– 78 hours**

12 hours at UMHB

12 hours minimum upper level

**Lower Level Classes – 33 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 2000	Sophomore Review	

**Upper Level Classes – 45 hours**

ARTS 3310	Printmaking I: Relief and Screen Print .....	3
	or .....	
ARTS 4310	Printmaking II: Intaglio and Lithog .....	3
ARTS 3320	Painting II .....	3
ARTS 3322	Photography II .....	3
ARTS 3351	Modern Art .....	3
ARTS 3355	Graphic Design History .....	3
ARTS 3370	Graphic Design I .....	3
ARTS 3375	Graphic Design II .....	3
ARTS 4370	Interactive Design .....	3
ARTS 4373	Graphic Design III .....	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	

**Sophomore Review**

Required after completion of 18 hours of Art

## ART B.F.A. WITH A MAJOR IN STUDIO ART

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core – 43 hours**

**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	

**Upper Level Classes – 36 hours**

ARTS 3310	Printmaking I: Relief and Screen Print.....	3
	or	
ARTS 4310	Printmaking II: Intaglio and Lithog.....	3
ARTS 3320	Painting II .....	3
ARTS 3345	Art Metals I .....	3
	or	
ARTS 3311	Life Drawing .....	3
ARTS 3351	Modern Art .....	3
ARTS 3360	Ceramics II .....	3
	or	
ARTS 4320	Painting III.....	3
ARTS 4350	American Art .....	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	

### Sophomore Review

Required after completion of 18 hours of Art

**Support Courses – 12 hours**

## ART MINOR

### DEGREE REQUIREMENTS

**Required Courses – 18 hours**

6 hours upper level at UMHB

# MUSIC

**Musically Excellent  
Academically Engaging  
Distinctively Christian**

**Dr. Jonathan Gary, Chairperson**

## Purpose

UMHB Department of Music educates and prepares student-musicians for lives of Christian service and contribution to the art as music educators, performers, church musicians, composers, 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, composers, 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 repertory for study that embraces all cultures and historical periods.

The UMHB Department of Music is a member of the National Association of Schools of Music and Texas Association of Music Schools.

### Degree Offerings and Requirements

Bachelor of Music (B.M.) in Church Music.....(131 minimum hours)

Bachelor of Music (B.M.) in Music Education\* .....(136-137 minimum hours)

Bachelor of Music (B.M.) in Performance .....(130-131 minimum hours)

Bachelor of Arts (B.A.) .....(124 minimum hours)

Music Minor (19 minimum hours)

Church Music Minor .....(24 minimum hours)

\*conforms to certification requirements of the Texas Education Agency

- 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 will not receive applied music credit for grades of "C" or below in their principal medium.
- All Music majors and minors should acquire a copy of the Department of Music Handbook which contains specific degree and other special 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
- \* Successful work in high school music courses (or the equivalent) via transcripts, programs etc.
- \* Completed music application
- \* Formal audition (including sight-reading) for the music faculty

Following each audition, the music faculty will determine if the candidate meets UMHB's 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.

## Tests and Assessment Barriers

Each music degree has several assessment barriers imbedded throughout the curriculum. Each must be "passed" before a student may enroll or continue in more advanced music courses:

- 1) Theory Placement Exam
- 2) Applied Juries
- 3) Applied Music Proficiency
- 4) Performance major Proficiency Exam (see p.8 and course syllabus)
- 5) DEPARTMENTAL BARRIER

All music majors must take this exam following the completion of Theory III/Aural Skills III and Music History I. The Departmental Barrier assesses music theory, history, and listening identification skills. Students who do not earn a minimum score of 70 may re-take the exam one additional time. After the second attempt, any student who does not earn a minimum score of 70 may not continue as a music major. Students may not enroll in upper-level music courses until this exam has been passed.

6) Piano Proficiency

7) Solo Recital Hearings

8) TExES Review (MUSI 4006): Music Education majors must take the TExES Review course prior to student teaching and must earn a minimum of 80 on the final exam in order to proceed with student teaching.

For more specific information regarding the expectations of successfully completing juries, proficiencies, Credit by Examination, TExES Review, and the Departmental Barrier, see the Department of Music Handbook and respective syllabi.

## 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:

- A live or taped audition before the music faculty; and
- Successful completion of the Departmental Barrier (MUSI 2000) for students transferring at least 45 semester hours from other schools. (Note: If deficiencies are revealed, the student will be required to take (or re-take) courses at their demonstrated academic or performance level including the Piano Proficiency (MUSI 2005) and Applied Principal Proficiency (MUSI 200X).
- 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

During the formal audition for acceptance, students are considered for music scholarship based upon their musical and academic abilities.

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 and/or an overall 3.0 in music courses are ineligible for scholarship renewal. Scholarships are available for a maximum of 8 semesters (10 semesters for music education majors.)

**ALL SCHOLARSHIP RECIPIENTS** must sign an “Acceptance Agreement” and return it to the music office. Students who do not comply with UMHB’s policies and rules of student conduct will forfeit their scholarship. Ensemble participation is required every semester the scholarship is received. This includes rehearsals, all performances, and concert tours. (Music Education majors are exempt from ensemble enrollment the semester of student teaching.) Students who do not fulfill all ensemble requirements will lose their scholarship.

### Ensembles

Music majors and minors are required to enroll for credit in music ensembles. Ensemble placement is determined by auditions. All music scholarship recipients must enroll in their assigned ensemble every semester they are on scholarship. Scholarship recipients must fulfill all course requirements (rehearsals, assignments, concerts, & tours) to maintain eligibility.

Vocal Performance majors must register for MUSI 1197/3197 – Opera Workshop as their second ensemble for eight hours of ensemble participation.

### Recitals and Concerts (MUSI 1023/1031 – Performance Lab)

All music majors and minors must attend at least 15 concerts/recitals per semester. Students must register for MUSI 1023/1031 Performance Lab to receive credit for attendance. See the Department of Music Handbook for further information.

Failure to complete all Performance Lab requirements may delay graduation.

### Level I and Level II Recitals

A thirty-minute Level I Solo Recital (MUSI 3000) is required of all BA in Music, Music Education, Church Music and Performance majors. Performance Majors must also present a forty-five minute Level II Recital (MUSI 4000). 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 audition for the Chair of the Department of Music. Music Literacy is required of any student enrolled in applied music. 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, strings or percussion for an applied principal. Performance majors may only select piano and voice as a principal.

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. Because of the accelerated nature of summer school, however, only one semester hour of credit can be earned per performing medium during a single session. (The maximum applied music credit total allowed per summer session is two hours.) Detailed technique and repertoire requirements for the various grade and credit levels are available in the CVPA Office.

## CHURCH MUSIC B.M.

**131 MINIMUM HOURS**  
**36 UPPER LEVEL HOURS**  
**33 HOURS AT UMHB**

### DEGREE REQUIREMENTS

**Academic Core – 46 hours**

#### Music Foundation – 33 hours

MUSI 1120	Introduction to Music Technology .....	1
MUSI 1131	Aural Skills 1 .....	1
MUSI 1132	Aural Skills 2 .....	1
MUSI 1219	Vocal Diction I .....	2
MUSI 1331	Theory I .....	3
MUSI 1332	Theory II .....	3
MUSI 2131	Aural Skills 3 .....	1
MUSI 2132	Aural Skills 4 .....	1
MUSI 2265	Introduction to Conducting .....	2
MUSI 2331	Theory III .....	3
MUSI 2333	Commercial Music Theory & Improvisational Techniques .....	3
MUSI 2352	Music History I .....	3
MUSI 3353	Music History II .....	3

MUSI 3365	Advanced Choral Conducting .....	3
MUSI 3358	World Music .....	3
MUSI 2000	Departmental Barrier Exam	
MUSI 200X	Applied Music Proficiency - Principal	
MUSI 200X	Applied Music Proficiency - Secondary	
MUAP 3000	Level 1 Recital	
MUSI 200x: Piano unless Piano is Principal - No hours required, but the student must be enrolled until proficiency is complete		
<b>Applied Music Principal –14 hours</b>		
MUAP 3209	Applied Commercial Music-Voice .....	2
<b>Music Ensembles – 8 hours</b>		
See ensemble audition requirements.		
<b>Performance Lab: 8 semesters</b>		
<b>Major – 24 hours</b>		
MUSI 2268	Introduction to Music Education .....	2
MUSI 3361	Elementary Music .....	3
MUSI 3363	Choral Literature .....	3
MUSI 2280	Introduction to Church Music .....	2
MUSI 3381	Congregational Song .....	3
MUSI 4282	Contemporary Church Music Trends .....	2
MUSI 2120	Advanced Music Technology .....	1
MUSI 1180	Church Music Internship .....	1
MUSI 3180	Church Music Internship .....	1
MUSI 1150	Worship Lab .....	1
MUSI 3150	Worship Lab .....	1
<b>Vocalists take the following two courses:</b>		
MUSI 1220	Vocal Diction II .....	2
MUSI 4223	Orchestration Form and Analysis .....	2
<b>Instrumentalists take the following:</b>		
<b>2 semester hours of a vocal ensemble</b>		
MUSI 4223	Orchestration Form and Analysis .....	2
Keyboardists take the following two courses:		
MUSI 3289	Service Playing .....	2
MUSI 4223	Orchestration Form and Analysis .....	2
<b>Professional Development – 9 hours</b>		
CSMN 1320	Introduction to Christian Ministry .....	3
CSMN 3342	History of Christian Worship .....	3
CSMN 4341	Designing & Facilitating Worship Services .....	3
No grade lower than a “C” will count towards fulfillment of Music major requirements.		

## MUSIC EDUCATION B.M.

### Instrumental Track – 136 hours

**136 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**34 HOURS AT UMHB**

**Choral Track – 137 hours**

**137 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**35 HOURS AT UMHB**

**The Music Education Degree is a five year program. Course sequence can be found online or in the Department of Music Handbook.**

### DEGREE REQUIREMENTS

#### Academic Core – 46 hours

POLS State & Federal Government I or II: Strongly recommended for Social Science for cert prep but not required.

HIST American History I or II: Strongly recommended for Global Issues or Social Science for cert prep but not required

#### Music Foundation – 31 hours

MUSI 1120	Introduction to Music Technology .....	1
MUSI 1131	Aural Skills 1 .....	1
MUSI 1132	Aural Skills 2 .....	1
MUSI 1331	Theory I .....	3
MUSI 1332	Theory II .....	3
MUSI 2131	Aural Skills 3 .....	1
MUSI 2132	Aural Skills 4 .....	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
MUSI 3358	World Music .....	3
MUSI 3365	Advanced Choral Conducting .....	3
	or	
MUSI 3367	Advanced Instrumental Conducting .....	3
MUSI 2000	Departmental Barrier Exam	
MUSI 2005	Piano Proficiency Exam	
MUSI 200X	Applied Music Proficiency	
MUAP 3000	Level I Recital	
MUSI 3365:	required for the choral track	
MUSI 3367:	required for the instrumental track	

#### **Ensembles: 7 hours**

See ensemble audition requirements.

#### **Performance Lab: 7 semesters**

##### **Major (Choral Track) – 20 hours**

MUSI 1219	Vocal Diction I .....	2
MUSI 1220	Vocal Diction II .....	2
MUSI 2268	Introduction to Music Education .....	2
MUSI 3363	Choral Literature .....	3
MUSI 3361	Elementary Music .....	3
MUSI 3362	Secondary Music .....	3
MUSI 3377	Vocal Pedagogy I .....	3
MUSI 4223	Orchestration Form and Analysis .....	2
MUSI 4006	TEExES Review	

Plus

##### **Applied Music Principal - 14 hours**

##### **Major (Instrumental Track) – 19 hours**

MUSI 1160	Class Brass I .....	1
MUSI 1161	Class Brass II .....	1
MUSI 1162	Class Strings .....	1
MUSI 1166	Class Percussion .....	1
MUSI 1168	Class Woodwind I .....	1
MUSI 1169	Class Woodwind II .....	1
MUSI 2268	Introduction to Music Education .....	2
MUSI 3361	Elementary Music .....	3
MUSI 3362	Secondary Music .....	3
MUSI 3364	Band and Orchestra Literature .....	3
MUSI 4006	TEExES Review	
MUSI 4223	Orchestration Form and Analysis .....	2

Plus

##### **Applied Music Principal: 12 hours**

##### **Applied Music Secondary: 2 hours**

##### **Professional Development – 22 hours**

EDUC 3315	Students and Learning .....	3
EDUC 4324	Classroom Management .....	3
READ 4326	Disciplinary Literacy .....	3
EDUC 4435	Student Teaching Elementary Music .....	4
EDUC 4436	Student Teaching Grades Middle Level Music .....	4
EDUC 4437	Student Teaching Grades Secondary Music .....	4
EDUC 4150	Certification Preparation Seminar .....	1

#### **Admission to Teacher Education Program:**

Grade point average (GPA) requirements are as follows:

- 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;
- The cumulative GPA must be a minimum of 2.75.

Note: Students must fulfill all core curriculum requirements. If strongly recommended options are not selected, other appropriate courses must be selected to complete the block(s).

No grade lower than a "C" will count towards fulfillment of Music major requirements.

## **PERFORMANCE B.M.**

#### **130-131 MINIMUM HOURS**

#### **36 UPPER LEVEL HOURS**

#### **33 HOURS AT UMHB**

#### **DEGREE REQUIREMENTS**

##### **Academic Core – 54 hours**

**Music Foundation – 28 hours**

MUSI 1120	Introduction to Music Technology .....	1
MUSI 1131	Aural Skills 1.....	1
MUSI 1132	Aural Skills 2.....	1
MUSI 1331	Theory I.....	3
MUSI 1332	Theory II.....	3
MUSI 2131	Aural Skills 3.....	1
MUSI 2132	Aural Skills 4.....	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
MUSI 3358	World Music .....	3
MUSI 2000	Departmental Barrier Exam	
MUSI 200X	Applied Music Proficiency - Principal	
MUSI 200X	Applied Music Proficiency - Secondary	
MUAP 3000	Level 1 Recital	
MUAP 4000	Level 2 Recital	

**Applied Music Principal – 22 hours****Ensembles – 14 hours (Voice students) or 16 hours (Piano students)**

**Voice students are required to take 14 hours of ensemble.**

**Piano students are required to take 16 hours of ensemble.**

**See ensemble audition requirements.**

**Performance Lab: 8 semesters****Major (Voice) – 15 hours**

MUSI 1219	Vocal Diction I.....	2
MUSI 1220	Vocal Diction II .....	2
MUSI 3377	Vocal Pedagogy I.....	3
MUSI 3140	Advanced Diction: French.....	1
MUSI 3240	Advanced Diction: Italian & German.....	2
MUSI 4223	Orchestration Form and Analysis .....	2
MUSI 4355	Vocal Literature .....	3

**Major (Piano) – 14 hours**

MUSI 3375	Piano Pedagogy I.....	3
MUSI 3376	Piano Pedagogy II .....	3
MUSI 3289	Service Playing.....	2
MUSI 4223	Orchestration Form and Analysis .....	2
MUSI 4253	Piano Literature I.....	2
MUSI 4254	Piano Literature II.....	2

**No grade lower than a “C” will count towards fulfillment of Music major requirements.**

**Minimum credit hours for this degree: 130 (Voice) or 131 (Piano)**

## MUSIC B.A.

**124 MINIMUM HOURS**

**36 UPPER LEVEL HOURS**

**31 HOURS AT UMHB**

**DEGREE REQUIREMENTS****Academic Core – 63 hours****Music Major – 40 hours**

MUSI 1131	Aural Skills 1.....	1
MUSI 1132	Aural Skills 2.....	1
MUSI 1331	Theory I.....	3
MUSI 1332	Theory II.....	3
MUSI 2131	Aural Skills 3.....	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
MUSI 2000	Departmental Barrier Exam	
MUSI 200X	Applied Music Proficiency	
MUAP 3000	Level 1 Recital	

**Applied Music Principal – 10 hours****Applied Music Secondary – 2 hours****Ensembles – 6 hours**

**Performance Lab – 6 semesters**

**Music Electives – 7 hours**

**Electives**

**to complete 124 hours**

No grade lower than a “C” will count towards fulfillment of Music major requirements.

## **MUSIC MINOR-19 HOURS**

### **DEGREE REQUIREMENTS**

#### **Music Foundation – 8 hours**

MUSI 1131	Aural Skills 1 .....	1
MUSI 1132	Aural Skills 2 .....	1
MUSI 1331	Theory I .....	3
MUSI 3353	Music History II .....	3

#### **Applied Principal: 4 credit hours**

#### **Ensembles: 4 credit hours**

1 lower-level credit hour; 3 upper-level credit hours

#### **Performance Lab: 2 semesters**

#### **3 hours of electives**

Any combination of the following:

MUSI 1120	Introduction to Music Technology .....	1
MUSI 1215	Class Piano I .....	2
MUSI 1315	Beginning Class Piano.....	3
MUSI 3358	World Music .....	3

Or, additional Applied Music on principle instrument; additional Ensemble participation.

## **CHURCH MUSIC MINOR - 24 HOURS**

### **DEGREE REQUIREMENTS**

#### **Music Foundation- 8 hours**

MUSI 1131	Aural Skills 1 .....	1
MUSI 1132	Aural Skills 2 .....	1
MUSI 1331	Theory I .....	3
MUSI 1332	Theory II.....	3

#### **Applied Principal-4 credit hours**

#### **Applied Principal Proficiency**

#### **Ensembles- 2 credit hours**

#### **Church Music- 7 hours**

CSMN 3342	History of Christian Worship.....	3
MUSI 2280	Introduction to Church Music .....	2
MUSI 1150	Worship Lab .....	1
	or	
MUSI 3150	Worship Lab .....	1

**MUSI 1150/MUSI 3150 must be repeated for a total of 2 hours.**

#### **Electives - 3 hours**

#### **Please select 3 hours from the following:**

CSMN 3331	Pastoral Ministry .....	3
CSMN 3341	Biblical Foundations of Christian Worship .....	3
MUSI 3381	Congregational Song .....	3
MUSI 4282	Contemporary Church Music Trends .....	2

# THEATRE

The Department of Theatre, housed in the College of Visual and Performing Arts, endorses the university's mission to "prepare students for leadership, service, and faith-informed discernment in a global society."

The mission of the Department of Theatre is to provide exemplary studies in theatrical performance and production for the UMHB student population in support of a broad liberal arts education. The Theatre curriculum is designed to encourage in our students an appreciation of theatre as an art form basic to the expression of all cultures throughout the ages.

# COURSE DESCRIPTIONS

A

## 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. 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. If more than one student needs an Independent Study course, it will be offered as a Topics course, addressed in the previous paragraph.

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 - Foundations of the Air Force I (1)

An introductory course exploring the doctrine, mission, and organization of the U.S. Air Force and roles of the U.S. Army, Navy, and Marine Corps. Laboratory (AERO 1111) required for AFROTC students.

### AERO 1102 - Foundations of the Air Force II (1)

A continuation of the study of U.S. Forces, including general purpose forces, aerospace support forces, and a study of the functions of the strategic offensive and defensive forces. Laboratory (AERO 1112) required for AFROTC students.

### AERO 1111 - Leadership Laboratory (1)

A study of Air Force customs, courtesies, drill and ceremonies, career opportunities in the Air Force, and the life and work of an Air Force officer. An extensive physical fitness program is taught, reinforced, and evaluated. Students under contract with AFROTC must pass a physical fitness test (sit-ups, push-ups, 1.5 mile run) each term. Non-contract students must attempt the physical fitness test each term. Field trips to Air Force installations are also included. Corequisite: Concurrent enrollment in AERO 1101.

### AERO 1112 - Leadership Laboratory (1)

A continuation of AERO 1111. Corequisite: Concurrent enrollment in AERO 1102.

### AERO 2101 - Evolution of Air and Space Power I (1)

Evolution of air power and space power through the Cuban missile crisis. Introduces and develops Air Force values and communication skills. Laboratory (AERO 2111) required for AFROTC students.

### AERO 2102 - Evolution of Air and Space Power II (1)

A continuation of AERO 2101, emphasizing the evolution of air and space power from the Cuban missile crisis in 1962 to present. Further develops Air Force values and communication skills. Laboratory (AERO 2112) required for AFROTC students.

### AERO 2111 - Leadership Laboratory (1)

A continuation of AERO 1112. Corequisite: Concurrent enrollment in AERO 2101.

### AERO 2112 - Leadership Laboratory (1)

A continuation of AERO 2111. Corequisite: Concurrent enrollment in AERO 2102.

### AERO 3111 - Leadership Laboratory (1)

A continuation of AERO 2111. Corequisite: Concurrent enrollment in AERO 3301.

### AERO 3112 - Leadership Laboratory (1)

A continuation of AERO 3111. Corequisite: Concurrent enrollment in AERO 3302.

### AERO 3301 - Air Force Leadership and Management I (3)

A study of leadership/followership, authority/responsibility, and management functions, motivation, feedback ethics, team building, and counseling subordinates. Emphasis is placed on improving speaking/writing communication skills and assessing personal leadership strengths and weaknesses. Corequisite: Concurrent laboratory AERO (3111) enrollment required for AFROTC students.

### AERO 3302 - USAF Leadership Studies II (3)

A continuation of AERO 3301. Corequisite: Concurrent laboratory AERO (3111) enrollment required for AFROTC students.

### AERO 4111 - Leadership Laboratory (1)

A continuation of AERO 3112. Corequisite: Concurrent enrollment in AERO 4301.

### AERO 4112 - Leadership Laboratory (1)

A continuation of AERO 4001. Corequisite: Concurrent enrollment in AERO 4302.

### AERO 4301 - Defense Studies (3)

A study of civilian control of the military the national security process and issues. American issues, American defense strategy and policy, and the Air Force organizational structure. 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.

### AERO 4302 - Preparation for Active Duty (3)

This course prepares the student for active duty studying various world regions, officership, the military justice system, the military as a profession, and advanced leadership ethics. Special emphasis is placed on speaking and writing skills in the unique military-style format. Laboratory (AERO 4112) enrollment required for AFROTC students.

## ARCH - Archaeology

### ARCH 4175 - Field Research (1)

The course examines the ancient Near East, its history, culture, and religion as evidenced through archaeological excavation and the interpretation of archaeological data. Foreign travel is required. The student may repeat the course for credit whenever the content varies. The course is offered only on demand.

### ARCH 4190 - Independent Learning (1)

This course enables a student to pursue independent learning on topics in the field of archeology selected by the professor and the student. The student may repeat this course for credit whenever the content varies. Prerequisite: Junior standing.

### ARCH 4275 - Field Research (2)

The course examines the ancient Near East, its history, culture, and religion as evidenced through archaeological excavation and the interpretation of archaeological data. Foreign travel is required. The student may repeat the course for credit whenever the content varies. The course is offered only on demand.

### ARCH 4315 - Archaeology of Ancient Mesopotamia and Persia (3)

The course examines the cultural remains discovered through archaeological excavations from the regions of ancient Mesopotamia and Persia. Important elements in the study include social and political institutions, religion, and literature of the regions. Students will review materials related to selected archaeological sites dating from the Neolithic period to conquest of the region by Alexander the Great.

### ARCH 4325 - Archaeology of Ancient Egypt (3)

The course examines the cultural remains discovered through archaeological excavations in ancient Egypt. Important elements in the study include social and political institutions, religion, and literature of the region. Students will review materials related to selected archaeological sites dating from the Naqad a period to the end of the Ptolemaic period.

### ARCH 4335 - Archaeology of Ancient Greece and Rome (3)

The course examines the cultural remains discovered through archaeological excavations in ancient Greece and Rome. Important elements in the study include social and political institutions, religion, and literature of the regions. Students will study representative sites from the Minoan civilization through the rule of Constantine.

### ARCH 4345 - Archaeology of Syria-Palestine (3)

The course examines the cultural remains of ancient Syria-Palestine through the study of representative archaeological sites in the Levant and neighboring regions. Students will review materials related to archaeological site dating from the Neolithic period to the end of the second century CE.

### ARCH 4375 - Field Research (3)

The course examines the ancient Near East, its history, culture, and religion as evidenced through archaeological excavation and the interpretation of archaeological data. Foreign travel is required. The student may repeat the course for credit whenever the content varies. The course is offered only on demand.

### ARCH 4475 - Field Research (4)

The course examines the ancient Near East, its history, culture, and religion as evidenced through archaeological excavation and the interpretation of archaeological data. Foreign travel is required. The student may repeat the course for credit whenever the content varies. The course is offered only on demand.

### ARCH 4575 - Field Research (5)

The course examines the ancient Near East, its history, culture, and religion as evidenced through archaeological excavation and the interpretation of archaeological data. Foreign travel is required. The student may repeat the course for credit whenever the content varies. The course is offered only on demand.

### ARCH 4675 - Field Research (6)

The course examines the ancient Near East, its history, culture, and religion as evidenced through archaeological excavation and the interpretation of archaeological data. Foreign travel is required. The student may repeat the course for credit whenever the content varies. The course is offered only on demand.

## ARTS - Art

### ARTS 1310 - Drawing I (3)

Investigates a variety of techniques, media, and subjects. Explores perceptual and descriptive possibilities. May not be repeated for credit. Fee.

### 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. May repeat for Credit. Fee.

### 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. May repeat for Credit. Fee.

### 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. May not be repeated for credit.

### ARTS 2000 - Sophomore Review (0)

All art majors with at least 18 hours of foundation courses are required to register for ARTS 2000: Sophomore Review in the spring of their sophomore year, in order to proceed as upper-level art majors. It is expected that students have finished Drawing, Design, 3-D Design, Color Theory, Art History, Figure Drawing I, and Painting I; however, slight variations may occur. Requirements and process for the sophomore review is published and distributed by the Department of Art each spring.

### 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. May repeat for Credit. Fee \$30.

### 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. May repeat for Credit. Fee.

### ARTS 2322 - Photography I (3)

Basic concepts and techniques of digital photography as an art medium. May repeat for Credit. Fee. \$30

### ARTS 2340 - 3D Design (3)

Emphasis upon three-dimensional design including form, texture, and space as they relate to balance, unity, and contrast. May repeat for Credit. Lab fee.

### 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. May not be repeated for credit.

### 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. May not be repeated for credit.



**ARTS 2360 - Ceramics I (3)**

An introduction to the basic ceramic process with a focus on hand-building techniques and glazing. Fee.

**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.

**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. May repeat for credit. Fee.

**ARTS 3310 - Printmaking I: Relief and Screen Print (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.

**ARTS 3311 - Life Drawing (3)**

Continuation of ARTS 2311 exploring various expressive aspects of the human figure. May repeat for credit. Lab fee.

**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.

**ARTS 3320 - Painting II (3)**

Studies in various problems and media according to individual need. Prerequisite: ARTS 2320. May repeat for credit. Lab fee.

**ARTS 3322 - Photography II (3)**

Further studies in photography. Prerequisite: ARTS 2322 or permission of the instructor. May repeat for credit. Lab fee.

**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.

**ARTS 3331 - Elementary Art (3)**

Art for the elementary classroom teacher. Twenty (20) hours of field experience (observation in public school art classes is required). May not be repeated for credit. Lab fee.

**ARTS 3332 - Secondary Art (3)**

Art for the junior and senior high school teacher. Emphasis on the design, organization, and presentation of curricula materials. Twenty (20) hours of field experience (observation in public school art classes is required). May not be repeated for credit. Lab fee.

**ARTS 3340 - Sculpture (3)**

Exploration of traditional and contemporary sculptural mediums. Prerequisite: ARTS 2340 May repeat for credit. Lab fee.

**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. May repeat for credit. Fee.

**ARTS 3349 - Medieval Art (3)**

A survey of art created roughly between 300-1400. This course will begin by studying trends in early Christian art, and will move through various regional and international styles in Eastern and Western Europe. Some of the major topics will include manuscript tradition, architectural developments, the transmission of artistic trends across Europe, and themes in both religious and secular art. May not be repeated credit.

**ARTS 3350 - Renaissance Art (3)**

A survey of art created during the 15th and 16th centuries. Renaissance artists created many of the works that pop into people's minds when they think "art". This course will examine how artists working in Northern and Southern Europe responded to each others' styles. Students will also explore how new populations of art patrons emerged during the Renaissance, and how these new patrons affected the development of new themes in both religious and secular art. May not be repeated for credit.

**ARTS 3351 - Modern Art (3)**

A survey of art from the 19th century to the present. This course qualifies as Writing Emphasis. May not be repeated for credit.

**ARTS 3355 - Graphic Design History (3)**

A chronological survey of the development of graphic design and visual communication. May not be repeated for credit.

**ARTS 3360 - Ceramics II (3)**

An introduction to wheel-thrown ceramics. Prerequisite: ARTS 2360 or permission of the instructor. Fee.

**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.

**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.

**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.

**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. Prerequisite: For BFA candidates a grade of at least a "B" in ARTS 4380 Senior Studio.

**ARTS 4310 - Printmaking II: Intaglio and Lithog (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.

**ARTS 4311 - Advanced Drawing Problems (3)**

Explores aspects of drawing that are of special interest. Prerequisite: Two previous drawing courses or permission of the instructor. May repeat for credit. Fee.

**ARTS 4320 - Painting III (3)**

Studies in various media according to individual need. Prerequisite: ARTS 3320. May repeat for credit. Fee.

**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.

**ARTS 4345 - Art Metals II (3)**

Further studies in Art Metals. Prerequisite: ARTS 3345 or permission of the instructor. May repeat for credit. Fee.

**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.

**ARTS 4360 - Ceramics III (3)**

Advanced study in ceramics intended to broaden knowledge and skills of clay techniques and glaze formulation and increase knowledge of ceramics as an art form. Historical and contemporary works will be emphasized. Health and safety concerns are stressed. Prerequisites: ARTS 3360 or permission of instructor. May repeat for credit. Fee \$30.

**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 or permission of the instructor. Fee.

**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. Fee.

**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.

**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.

**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. May repeat for credit. Fee.

**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.

**BACC - Accounting****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 primary financial position, income, and cash flow. Prerequisites: Sophomore standing and a grade of "C" or better in Math 1306 or concurrent enrollment in Math 1306.

**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. Prerequisite: A grade of "C" or better in BACC 2311 and Math 1306.

**BACC 3321 - Intermediate Accounting I (3)**

An in-depth study of the content presentation of the primary financial statements with particular attention to the operating cycle, related assets and equity valuations, income measurements and investments. Prerequisite: A grade of "C" or better in BACC 2311.

**BACC 3322 - Intermediate Accounting II (3)**

A continuation of BACC 3321, with particular emphasis on inventories, stock and bond investments, long-term liabilities, leases, pensions, deferred taxes, and stockholders' equity. Prerequisite: A grade of C or better in Intermediate I.

**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 code as it pertains to the taxation of individuals, and their proprietorships. The course 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 2312.

#### **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.

#### **BACC 3327 - Small Business Accounting (3)**

To introduce accounting techniques used by small businesses to obtain information for efficient operations in today’s environment. Using an automated accounting information system to help facilitate business record keeping. Emphasis is on invoicing customers, maintaining accounts receivables and accounts payable, tracking inventory, create purchase orders, preparing payroll, evaluating financial reports for management, journal entries, and adjusting entries. Prerequisite: BACC3422.

#### **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. Prerequisite: A grade of “C” or better in BACC 3321 and BQBA 2302. Majors Only.

#### **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: BACC 3321.

#### **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 3321.

#### **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 and Minors Only.

#### **BACC 4332 - Advanced Accounting (3)**

Students’ 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 and BACC 3325.

#### **BACC 4341 - Financial Statement Analysis (3)**

Reveals the keys to effective analysis of financial statements and provides the student with 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 BFIN 4341)

#### **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 cur-

riculum. Lab Fee. Prerequisite: A grade of “C” or better in BACC 3322 or permission of instructor. Lab fee.

#### **BACC 4343 - Advanced Auditing (3)**

Continuation of BACC 4331 with an emphasis on financial statement auditing. Topics include audit theory and legal ramifications; statistical auditing and sampling techniques, analysis of financial data, transactions, and statements; and preparation of auditing opinions based upon work papers. As part of the course, students will work in audit teams to perform actual audits of area non-profit organizations. Prerequisite: A grade of “C” or better in BACC 4331.

#### **BACC 4344 - Advanced Income Tax (3)**

A continuation of BACC 3325, including Federal Estate and Gift Taxation and in-depth study of tax research methodology resulting in effective communication of case-based tax law conclusions. Prerequisites: A grade of “C” or better in BACC 3322 and BACC 3325.

#### **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 and BACC 4331.

#### **BACC 4390 - Independent Study (3)**

Independent problem research under the guidance of a faculty member. Prerequisite: Written consent of the supervising professor and the Dean prior to registration.

#### **BACC 4391 - Special Topics (3)**

Organized classes to explore specialized problems in an area of Accounting. May be repeated for credit when topics vary.

#### **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.

#### **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. Prerequisite: Junior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

### **BADM - Business Administration**

#### **BADM 1301 - Introduction to Business (3)**

A business foundations course that surveys each of the disciplines offered as majors. Topics include decision making in an ever-changing world economy, global and cultural awareness, effective business communications, economic systems, accounting, information technology, finance, securities, and business issues and challenges including business ethics. Some emphasis is placed on business career guidance. Limited to students in freshman or sophomore classification.

#### **BADM 2312 - Communicating in Business (3)**

Theories, techniques, and practices in business communication. Emphasis is on clear, logical, effective written and oral communications. Prerequisite: A Public speaking course, both ENGL 1321 and 1322, and BCIS 1301.

#### **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.



**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.

**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 sign up 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 signs up for the course. This course is a Credit/No Credit course.

**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.

**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.

**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.

**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: BMGT 3310 and Senior standing.

**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.

**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.

**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 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. Prerequisite: Junior standing, 3.0 GPA in major and overall, and consent of the Associate Dean.

**BCIS - Business Computer Information Systems****BCIS 1301 - Technological Solutions for Personal Productivity (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 decision 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.

**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 technology available at the time of the course offering and the specific interests of the current students. Prerequisites: BCIS 1301.

**BCIS 2330 - Programming and Development Fundamentals (3)**

This course provides an introduction to programming concepts within an object-oriented environment. Effective user interface design and programming structures (sequence, decisions, 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. Lab fee.

**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 people as individuals and organizations can strategically use social media tools to engage their audience in new and effective ways. Prerequisite: Junior or Senior standing.

**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 technology available at the time of the course offering and the specific interests of the current students. Prerequisites: BCIS 2318 or CISC 4322.

**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.

**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 our field that take an object-oriented approach to systems analysis and design through the Uniform Modeling Language (UML). Prerequisite: BCIS 2330 Lab fee.

**BCIS 3330 - IT Infrastructure (3)**

This course introduces IT infrastructure topics including telecommunications, system architecture, operating systems, computer networks, and their roles in business applications. Topics covered include telecommunications history and infrastructures, history and structure of the Internet, fundamentals of data communications, systems architecture, operating systems, history of networking and network models, network hardware and software, distributed computing, key issues in network management, and current trends in networking. Prerequisite: BSYS 3312. Lab fee.

**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 use of technology are explored. Term project: Brief professional grade digital production published for the web. Prerequisites: BCIS 1301 or CISC 2305. Lab fee.

**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.

### **BCIS 3345 - Digital Media Production (3)**

This course requires students to study project management of animation, film and multimedia productions to include advanced project planning, creating timelines, milestones, budgeting, structure diagramming and/or storyboarding, common forms, and proper asset management. Students are required to participate in one or more actual projects. Course may be repeated for credit with approval of course instructor. Corequisite: In concurrence with either BCIS 3335 or BCIS 4335 or with approval of course instructor.

### **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.

### **BCIS 3353 - Advanced Programming (3)**

This course presents advanced programming techniques. Special emphasis will be placed on object oriented programming techniques. Prerequisites: BCIS 2330. Lab fee.

### **BCIS 3360 - IT Security & Risk Management (3)**

Students investigate a variety of issues dealing with information and information systems security, including physical security, social engineering, cyber security, threat/risk analysis, and business continuity. The course focuses on the SecSDLC and developing Security Blueprints. Prerequisites: BCIS 3330. Lab fee.

### **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. Prerequisites: BCIS 1301 or CISC 2305. Lab fee.

### **BCIS 3375 - Computer 3D Animation (3)**

This course will address advanced skills in 3D animation to include skeletons, weight maps, inverse kinematics and IK chains. Further exploration of 3D FX involving hyper voxels, particle effects, collision and hard/soft body dynamics. Prerequisite: BCIS 3370. Lab fee.

### **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. Lab fee. Prerequisites: BCIS 2318 or CISC 2305 and Senior Standing. Lab fee.

### **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 technology available at the time of the course offering and the specific interests of the current students. Prerequisites: BCIS 3320 and BCIS 3318.

### **BCIS 4325 - Business Intelligence, Knowledge Management, and Data Mining (3)**

This course explores the fundamental concepts in the study of knowledge and its creation, acquisition, representation, dissemination, use and management. Students acquire a basic knowledge of methods, techniques and tools for computer support of knowledge management. The class explores data mining and its role in the assimilation of Business Intelligence. The class explores data mining and its role in the assimilation of Business Intelligence. Students examine a variety of Intelligent Systems including Expert Systems, Neural Networks, Genetic Algorithms and Intelligent Agents. Prerequisite: BCIS 3325. Lab fee.

### **BCIS 4335 - Post Production (3)**

This course allows students to study advanced techniques and concepts related to the digital video editing process to include project planning, filming, editing, and use of advanced editing tools. Course may be repeated for credit with approval of course instructor. Prerequisite: BCIS 3335.

### **BCIS 4341 - Business Processes (3)**

This course will address the issues involved in developing business information systems. Students will study business processes to improve their skills in systems development. Through the use of business process improvement techniques, students will learn best practice techniques for integrated software development. Non-programming as well as programming techniques for development will be emphasized in this course. Prerequisites: BCIS 3325. Lab fee.

### **BCIS 4365 - E-Commerce Application Development (3)**

This course involves the student in the development of an E-Commerce website. All aspects of the systems development life cycle will be performed. All business and technical considerations will be applied, including marketing of the web-site, capitalization of the organization and its web-site, and web-site management. When applicable, students will work with real organizations. Prerequisite: BCIS 2318. Lab fee.

### **BCIS 4370 - IS Management and Capstone Project (3)**

This course requires students to learn and apply IS project management principles and techniques and apply them in software project setting. They will also apply systems development techniques and develop a hardware/software system for implementation in an actual organization. Organizational, economic, operational, and technological considerations will be examined. Each student develops a system pertinent to their major field of study. Prerequisite: BCIS 3325, Senior standing. Lab fee.

### **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 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. Prerequisites: Senior standing; 3.0 G.P.A. in major and overall, and written consent of the Associate Dean prior to registration. Administration fee.

## **BECO - Economics**

### **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.

### **BECO 2312 - Principles of Microeconomics (3)**

A study of basic microeconomic concepts, business organization, supply and demand theory, marginal analysis, and current economic problems.

### **BECO 3312 - Money and 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. Prerequisites: BECO 2311 and BECO 2312.

### **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. Prerequisites: BECO 2311 and BECO 2312.



**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. Prerequisites: BECO 2311 and BECO 2312.

**BECO 4342 - Contemporary Economic Issues (3)**

A course that applies microeconomic and macroeconomic analysis to evaluate contemporary economic issues. Prerequisites: BECO 2311, BECO 2312, and BFIN 3311.

**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. Prerequisites: BECO 2311 and BECO 2312.

**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. Prerequisites: BECO 2311 and BECO 2312.

**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.

**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.

**BENT 4351 - Managing the Entrepreneurial Family Business (3)**

This course will focus on the major issues and strategies for initiating, building, and managing a family business.

**BENT 4355 - Opportunity Identification & Launch (3)**

This course explores how to identify an attractive opportunity for both investors and yourself and what we must do to make it a success. Key success factors will be used to answer questions related to customers, costs, competition, and the environment.

**BENT 4360 - International Entrepreneurship (3)**

This course examines how entrepreneurs recognize and fulfill opportunities for wealth creation in an international context.

**BENT 4395 - Internship in Entrepreneurship (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.

**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.

**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. Prerequisites: BACC 2311.

**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. Prerequisites: BECO 2311 and BECO 2312.

**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.

**BFIN 3324 - Insurance Planning and Financial Risk Management (3)**

Methods to identify and control the risks facing individuals and businesses are revealed. 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 business face and how they can manage these risks, including the utilization of insurance solutions. This course also reviews the taxation of insurance benefits and how taxation should affect a financial planner's decision to recommend insurance solutions under certain circumstances. Prerequisite: BFIN 3311

**BFIN 3333 - Corporate Finance (3)**

An advanced study of short-term financial management which includes the topics of financial planning, cash management, credit management, short-term financing, leasing, and financial statement analysis. An advanced study of the acquisition and utilization of long-term capital will include the topics of capital structure, capital budgeting, mergers and acquisitions, valuation, and dividends. Prerequisite: BFIN 3311. Majors and Minors only.

**BFIN 3334 - Working Capital Management (3)**

Additional discussion in the areas of lease financing, investment banking, hybrid financing, inventory and credit management, derivatives and risk management, mergers and divestitures, pension plan management, short-term financing, and other related topics. Finance majors only.

**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, and students will perform basic bond and equity valuations. The course introduces modern portfolio theory (asset allocation, diversification, market timing, and security selection). The course also introduces the capital asset pricing model, arbitrage pricing theory, and the efficient market hypothesis. Students calculate investment fees and expenses, time weighted vs. dollar weighted returns, arithmetic vs. geometric returns, risk adjusted returns, and after-tax returns, 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. Prerequisites: BECO 2311, and BFIN 3311.

**BFIN 4341 - Financial Statement Analysis (3)**

Reveals the keys to effective analysis of financial statements and provides the student with 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). Finance Majors and Minors Only.

#### **BFIN 4344 - Financial Case Studies and 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. This course serves as the capstone for the financial planning concentration nor the corporate finance concentration. The purpose of the course is to require the financial planning students to demonstrate the ability to integrate and apply his or her knowledge of financial planning topics. The case-study class structure differs from the traditional lecture class structure in that students must take a more active role in the learning process. Students will complete a number of segmented financial planning cases related to fundamentals, insurance, investing, taxation, retirement planning and employee benefits, and estate planning topics covered in the individual core courses. Students will develop both basic and complex comprehensive financial plans by following the CFP Board's six-step financial planning process. Students will complete individual and group work and will participate in the presentation of a comprehensive financial plan to the class. Prerequisite: BFIN 4331.

#### **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: BFIN 3311.

#### **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.

### **BIOL - Biology**

#### **BIOL 1090 - Freshman Evaluation (0)**

Freshman students majoring in Biology must complete the Biology Pre-Test Assessment during their first semester at UMHB.

#### **BIOL 1105 - Living World Lab (1)**

This is the laboratory component for BIOL 1305. Laboratory fee.

#### **BIOL 1110 - Zoology Lab (1)**

This is the laboratory component for BIOL 1310. Laboratory fee.

#### **BIOL 1120 - Botany Lab (1)**

This is the laboratory component for BIOL 1320. Laboratory fee.

#### **BIOL 1140 - Fundamentals of Anatomy and Physiology Lab (1)**

Lab component of Fundamentals of Anatomy and Physiology. Laboratory fee.

#### **BIOL 1150 - General Biology I Lab (1)**

This is the laboratory component for BIOL 1350. Laboratory fee.

#### **BIOL 1160 - General Biology II Lab (1)**

This is the laboratory component for BIOL 1360. Laboratory fee.

#### **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.

#### **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.

#### **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. The course is intended for students requiring a lab science but cannot be used as credit towards a biology major or minor.

#### **BIOL 1310 - Zoology (3)**

A survey of the animal kingdom, including structure, physiology, heredity, and ecology of animals with an emphasis on the evolution of the organ systems.

#### **BIOL 1320 - Botany (3)**

A survey of the plant kingdom, including morphology, physiology, ecology, and economic uses of plants.

#### **BIOL 1350 - General Biology 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.

#### **BIOL 1360 - General Biology II (3)**

This course will explore foundational concepts and processes in biology, including biodiversity, evolution, animal systems, and ecology. Prerequisite: BIOL 1350/1150.

#### **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.

#### **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.

#### **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.

#### **BIOL 2140 - Human Anatomy & Physiology I Lab (1)**

This is the laboratory component for BIOL 2340. Laboratory fee.

#### **BIOL 2141 - Human Anatomy & Physiology II Lab (1)**

This is the laboratory component for BIOL 2341. Laboratory fee.

**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. Prerequisite: BIOL 1360/1160;

**BIOL 2171 - Research Methods Lab (1)**

This is the laboratory component for BIOL 2170. Laboratory fee.

**BIOL 2180 - Microbiology Lab (1)**

This is the laboratory component for BIOL 2380. Laboratory fee.

**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.

**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.

**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.

**BIOL 2330 - Foundations of Comparative Physiology (3)**

Students will explore, in plants and animals, relationship between environment, form and physiology. Prerequisite: BIOL 1360/1160.

**BIOL 2340 - Human Anatomy & Physiology I (3)**

Study of the structure and function of cells, tissues, organs, and organ systems including the integumentary, skeletal and muscular. Students will be required to sign up for three additional lab practical times outside of the posted course times through the Biology department within two weeks after the term begins.

**BIOL 2341 - Human Anatomy & Physiology II (3)**

A continuation of BIOL 2340. Systems covered include the nervous, endocrine, reproductive, lymphatic, cardiovascular, respiratory, digestive and excretory. Prerequisite: a grade of 'C' or higher in BIOL 2340 and BIOL 2140. Students will be required to sign up for three additional lab practical times outside of the posted course times through the Biology department within two weeks after the term begins.

**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. Prerequisite: BIOL 1350/1150 or BIOL 2340/2140. Lab fee.

**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.

**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.

**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.

**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.

**BIOL 3110 - Genetics Lab (1)**

This is the laboratory component for BIOL 3310. Required for Biology Majors. Laboratory fee.

**BIOL 3135 - Ornithology Lab (1)**

This is the laboratory component for BIOL 3335. Laboratory fee.

**BIOL 3150 - Invertebrate Zoology Lab (1)**

This is the laboratory component for BIOL 3350. Laboratory fee.

**BIOL 3160 - Plant Taxonomy Lab (1)**

This is the laboratory component for BIOL 3360. Lab fee. Laboratory fee.

**BIOL 3170 - General Ecology Lab (1)**

This is the laboratory component for BIOL 3370. Laboratory fee.

**BIOL 3175 - Human Physiology Lab (1)**

This course is designed to study the fundamental concepts of human physiology-including reproductive, neural, muscular, cardiovascular, respiratory, renal, endocrine and sensory systems- using hands-on experiments and computer simulations. Student EKGs, blood pressure, respiratory volume and reflexes will be measured and analyzed. Prerequisites: BIOL 2341 and BIOL 2141 and also permission of the instructor. Laboratory fee.

**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.

**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.

**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. Prerequisite: BIOL 1350/1150 and 1360/1160 or BIOL 1310/1100 and 1320/1120.

**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. Prerequisite: BIOL 2170, 2171, and BIOL 3310 or permission of the instructor.

**BIOL 3335 - Ornithology (3)**

A general study of birds and their structure, food relations, nesting habits, seasonal distribution, migration, economic importance, and conservation, with field observations and special reference to Texas birds. Weekend field trip required. Prerequisite: BIOL 1350/1150, 1360/1160 or permission of instructor.

**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 2341/2141 or 2470, 2380/2180 and 3310 with a C or higher in each course.

**BIOL 3350 - Invertebrate Zoology (3)**

A basic survey of the fundamental taxonomy, morphology, physiology, and ecology of the invertebrate taxa. Prerequisite: BIOL 2170/2175 and 2330.

**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 reading primary scientific literature and writing in appropriate style are also emphasized in the course. Weekend field trip may be required. Prerequisites: BIOL 2170/2171.

**BIOL 3370 - General Ecology (3)**

A study of the interrelationships between organisms and their environment with emphasis on energy flow, community structure and population biology. Prerequisites: a minimum "C" standing in each of BIOL 1360/1160 and MATH 1306.

**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, respiratory, digestive, urinary, immune, reproductive, and endocrine organ systems. Principles of cellular physiology will be emphasized throughout the semester. Prerequisite: BIOL 2341 and BIOL 2141 and also permission of the instructor. Concurrent enrollment in the Human Physiology Laboratory course.

**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.

**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.

**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.

**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.

**BIOL 4100 - Vertebrate Zoology Lab (1)**

This is the laboratory component for BIOL 4300. Laboratory fee.

**BIOL 4105 - Cell Biology Lab (1)**

This is the laboratory component for BIOL 4305. Laboratory fee.

**BIOL 4115 - Developmental Biology Lab (1)**

This is the laboratory component for BIOL 4315. Laboratory fee.

**BIOL 4120 - Marine Biology Lab (1)**

This is the laboratory component for BIOL 4320. Laboratory fee.

**BIOL 4145 - Herpetology Lab (1)**

This is the laboratory component for BIOL 4345. Laboratory fee.

**BIOL 4160 - Bacteriology Lab (1)**

This is the laboratory component for BIOL 4360. Laboratory fee.

**BIOL 4170 - Applied Ecology Lab (1)**

This is the laboratory component for BIOL 4370. Required for Biology Majors. Laboratory fees.

**BIOL 4180 - Survey of Contemporary Biological Research Publications (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

**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.

**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.

**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.

**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 WRIT 3344.



**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. Prerequisite: senior classification or permission of the instructor.

**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.

**BIOL 4300 - Vertebrate Zoology (3)**

Identification, life histories, distribution, and adaptations of vertebrate animals. Extensive field work and one weekend trip. Prerequisite: BIOL 1360/1160 and one of the following: BIOL 2330 or BIOL 2340/2140. Laboratory fee. Fall only.

**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 1410 & 1420.

**BIOL 4315 - Developmental Biology (3)**

An introduction to the cell behavior and molecular pathways that control embryonic development. Several representative organisms, invertebrate and vertebrate, 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 planarians, sea urchins, and chickens. Prerequisites: BIOL 2170/2175, BIOL 3310 and MATH 2303. BIOL 4305/4105 recommended.

**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 1350/1150, 1360/1160 and one of the following: BIOL 2330 or BIOL 2340/2140 or BIOL 2370/2175.

**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 mechanisms, cellular immortality, genomic integrity, angiogenesis, metastasis, and traditional and developing theories. Open to upper-division students only. Prerequisite: BIOL 3310.

**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.

**BIOL 4360 - Bacteriology (3)**

Bacteria and the viruses that infect them are examined, including form, structure, reproduction, physiology, metabolism, characterization and identification. Major emphasis will be on distribution in nature and their beneficial and detrimental effects on humans and agriculture. Students will also learn how to read, analyze and discuss primary scientific literature publications on related topics. Prerequisites: BIOL 2380/2180 and BIOL 3310 with a 'C' or higher in each course.

**BIOL 4370 - Applied Ecology (3)**

A study of interrelationships between organisms and their environment. Emphasis on environmental characteristics, population dynamics, modes of reproduction and foraging, and inter- & intra-specific relationships. Prerequisites: minimum "C" in MATH 1306 and BIOL 3310.

**BIOL 4380 - Pathogenic Microbiology (3)**

A study of the isolation, identification, control, morphology, physiology, and immunogenicity of disease-causing bacteria, viruses, and eukaryotic parasites.

**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.

**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.

**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.

**BLAW - Business Law****BLAW 3311 - 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. Prerequisite: Junior standing.

**BLDR - Business Leadership****BLDR 2350 - Christian Principles in Business Leadership (3)**

This course uses a Christian perspective to the study of business decisions and actions. The historical framework, responsibilities, and consequences of business practices in our society will be explored. Special emphasis will be placed upon situations that students will likely encounter in their careers.

**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 will be given to researching organizations that have consistently been designated as good places to work.

**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.

**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.

## 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: Junior Standing.

### BMGT 3315 - Organizational Behavior (3)

The 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.

### 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.

### BMGT 3330 - Negotiation (3)

This course is designed to explore the processes of bargaining and negotiation as social and 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 bargaining and negotiation. The major purpose of the course is for each participant to gain insight into their own negotiating style and to become a more effective negotiator, as well as a more astute observer of social process. The course will involve extensive use of cases, role-plays, and related participative activities, enhanced by rigorous self-review and introspection.

### BMGT 3334 - Team Management (3)

Issues related to team-based organizations will be 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 will be developed to deal with problems faced by team leaders. Prerequisite: Grade of "C" or better in BMGT 3310.

### 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 the students to put into practice applying the knowledge learned from other management courses. Areas that are covered include communication, team management, leadership skills and evaluation of projects. Technology areas to be covered include scheduling and reading within Microsoft Project. Prerequisite: BMGT 3310

### 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.)

### 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 for a for-profit or not-for-profit entity, through each of the stages of growth and 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, on-going, business organization where other people like to work and can succeed. This course will also expose the student to the entrepreneur who works inside a large organization and the skills required in that context.

### BMGT 4322 - Small Business Management (3)

The study of starting and managing a small business will be centered around a business plan. This will include 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: Grade of "C" or better in BMGT 3310, BMKT 3311, BFIN 3311, and senior standing.

### 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.

### 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 2312, BFIN 3311, BMGT 3310, and BMKT 3311, taken during final semester.

### 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.

## BMKT - Marketing

### BMKT 3311 - Principles of Marketing (3)

Introduces students to basic concepts, practices, and techniques of contemporary marketing. Prerequisite: BADM 2312.

### 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.

### BMKT 3315 - Event Marketing (3)

This course introduces students 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.

### 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 will be related to marketing strategy and practice. Prerequisite: Grade of "C" or better in BMKT 3311, and junior standing.

### 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.

### 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.

**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 will consider 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, political environments and their influences upon marketing decisions. It explores how managers analyze global opportunities-buyer behavior, competitors, and marketing research. Prerequisite: BMKT 3311

**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, BMKT 3331, and taken during final semester.

**BMKT 4360 - Marketing through Social Media (3)**

A broadly based study to utilize social media technology to enhance marketing for business. This course will focus on how social media is integrated within marketing strategy to implement tactics for business communication, sales, branding, global web presence, advertising and promotion. Evaluation and measurement of social media strategies for business development and ROI. Prerequisite: BMKT 3311

**BMKT 4370 - Mission Based 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 address as well as how the marketing mix is applied. Fundraising, donor and recipient behaviors as well as strategic plan development is highlighted. Prerequisite: BMKT 3311

**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, test marketing as well as profit and loss. Prerequisite: BMKT 3311.

**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.

**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 its equivalent.

**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 BQBA 2301 or equivalent.

**BSAC- Selected Topics in Business****BSAC 1x91 - Selected Topics in Business**

This class explores specialized topics in Business. Variable credit available. May be repeated for credit when topics vary.

**BSAC 2x91 - Selected Topics in Business**

This class explores specialized topics in Business. Variable credit available. May be repeated for credit when topics vary.

**BSAC 3x91 - Selected Topics in Business**

This class explores specialized topics in Business. Variable credit available. May be repeated for credit when topics vary.

**BSAC 4x91 - Selected Topics in Business**

This class explores specialized topics in Business. Variable credit available. May be repeated for credit when topics vary.

**BSYS - Business Systems****BSYS 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.

**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 2301 or BQBA 2302.

**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 this 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.

**BSYS 4335 - Enterprise Architecture and ERP (3)**

In this course, students will examine the components of an ERP (Enterprise Resource Planning) system. Also, enterprise architecture, middleware, service orientated architecture and infrastructure management concepts will be discussed. Finally, the roles of business process management and improvement, systems integration, and change management in planning and implementing enterprise systems will be discussed. Prerequisite: BSYS 3312. Lab Fee.

**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 department chairperson and Associate Dean prior to registration. Administration fee.

**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.

**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.

**CCST 4290 - Senior Capstone (2)**

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.

**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.

**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.

**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.

**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.

**CHEM 1290 - Independent Learning (2)**

Studies in Chemistry involving either use of chemical literature or laboratory techniques or both. Prerequisite: Permission of instructor.

**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.

**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.

**CHEM 1390 - Independent Learning (3)**

Studies in Chemistry involving either use of chemical literature or laboratory techniques or both. Prerequisite: Permission of instructor.

**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.

**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.

**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.

**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.

**CHEM 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 ENVR 1402) Laboratory fee.

**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.

**CHEM 1420 - General Chemistry II (4)**

Continuation and 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.

**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.

**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.

**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.



**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**CHEM 3001 - Lab Assistantship (0)**

Faculty-directed experience in assisting with laboratory studies. May be repeated subject to availability of assignments. Prerequisite: Approval of instructor.

**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.

**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.

**CHEM 3130 - Pre-Med Seminar (1)**

Mentorship for 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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**CHEM 3420 - Organic Chemistry II (4)**

A continuation of CHEM 3410. Prerequisite: CHEM 3410. Lab fee.

**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 1330 and PHYS 2411 or PHYS 2421. Lab fee.

**CHEM 3450 - Physical Chemistry II (4)**

A continuation of CHEM 3440. Prerequisites: CHEM 1120/1420 and credit for or concurrent enrollment in MATH 1330 and PHYS 2411 or PHYS 2421. Lab fee.

**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 34 00.

**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.

**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.

**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.

**CHEM 4090 - Senior Evaluation (0)**

Students majoring in chemistry must complete the chemistry achievement examination prior to graduation. Prerequisite: Consent of instructor. Fee.

**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 instructor and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

**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: CHEM 2181 and approval of instructor.

**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 4193 Chemical Research - Capstone II. Prerequisite: CHEM 4181 and approval of instructor.

**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.

**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.

**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 instructor and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

**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.

**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.

**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.

**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.

**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.

**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.

**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 instructor and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

**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.

**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.

**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.

**CHEM 4440 - Advanced Analytical Chemistry (4)**

Theoretical basis for and application of instrumental methods of chemical analysis, including a wide variety of spectral and chromatographic techniques. Prerequisites: CHEM 3400 and permission of instructor. Lab fee.

**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 instructor and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

**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.

**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.

**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 instructor and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

**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 instructor and the supervising official(s) at the site. May be repeated up to a maximum of 6 semester hours of credit.

**CISC - Computer Science****CISC 2190 - Independent Study (1)**

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. Prerequisite: Written consent of the supervising professor, department chairperson, and Dean prior to registration. Lab fee.

**CISC 2290 - Independent Study (2)**

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. Prerequisite: Written consent of the supervising professor, department chairperson, and Dean prior to registration. Lab fee.

**CISC 2305 - Introduction to Computer and Engineering Sciences (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.

**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. Corequisite: CISC 2305 or ENGR 1320. Lab Fee.

**CISC 2325 - 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 2305. Lab Fee.

**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 “C++” programming language to facilitate learning. Prerequisite: CISC 2305 or ENGR 1320. Lab fee.

**CISC 2390 - 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. Prerequisite: Written consent of the supervising professor, department chairperson, and Dean prior to registration. Lab fee.

**CISC 2391 - Special Topics (3)**

Classes are organized to explore specialized problems in an area of Computer Science. May be repeated for credit when topics vary. Course level may range between sophomore through senior level, respectively. Lab fee.

**CISC 2490 - Independent Study (4)**

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. Prerequisite: Written consent of the supervising professor, department chairperson, and Dean prior to registration. Lab fee.



**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. Lab fee. Prerequisite: CISC 2330. (Prerequisite: CISC 2330)

**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 2305.

**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 2325, CISC 2330, and CISC 3341.

**CISC 3361 - System Programming: Robotics (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. Lab fee.

**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.

**CISC 4305 - Algorithms & Data Structures (3)**

This course is a systematic study of the techniques used to develop quality-programming designs. Using the C++ programming language, students will learn to 1) develop data structures such as stacks, queues, lists, and trees, and 2) use programming algorithms that involve searching, sorting and recursion. Prerequisite: CISC 3321. Lab Fee.

**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 2330, CISC 3321, and CISC 4305. Lab fee.

**CISC 4322 - 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 3321. Lab fee.

**CISC 4323 - Structured Design of Software (3)**

The course introduces the software engineering topic of structured design of software. Prerequisite: CISC 4305. Lab fee.

**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 2325. Lab fee.

**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 2325. Lab fee.

**CISC 4326 - Programming Languages (3)**

This course serves as the introduction to compiler construction. The main objectives of the course will be to understand the concepts of scanning parsing, name management in nested scopes, and code generation. In addition, the student will learn to transfer the skills also to general software engineering tasks (e.g. parsing of structured data files or argument lists). Prerequisite: CISC 4305. Lab fee.

**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 3321. Lab fee.

**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 2325, CISC 2330, CISC 3341.

**CISC 4345 - Games Programming I (3)**

This course is a study of the methods and tools used in Game Development, i.e. uses of bitmaps, sprites, tile-based and scrolling games, timers, interrupts and multi-threading, sound and movie inclusion. The skills one attains in this course may be applied to advanced programming classes irrespective of the programming platform and graphics library one utilizes to accommodate the activity. Prerequisite: CISC 2315, CISC 3321. Lab fee.

**CISC 4346 - Games Programming II (3)**

The student works both independently, and in groups, to improve a Massively Multi-user Online Role Playing Game (MMORPG). The student studies game engine 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. Prerequisites: CISC 4345. Lab fee.

**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 both two-dimensional and three-dimensional renderings of mathematical and scientific data (such as fractals), as well as photo-realistic objects. Prerequisites: CISC 4305. Lab fee.

**CISC 4348 - Game Production Development (3)**

The course provides an opportunity for the creation of an applied system programming product, e.g. a game demonstration. Students employ development techniques in the design and implementation of a software solution for a current topic of Computer Science. Human, economic, operational, and technological considerations will be examined. Prerequisite: CISC 4245 and CISC 4346. Lab fee.

**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.

**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.

**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.

**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 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.

**COMM - Communication****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.

**COMM 1320 - Public Speaking (3)**

A study of the principles of effective speaking. Practice in creating, organizing, and presenting informative, persuasive, and entertaining speeches.

**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.

**COMM 2330 - Copy Editing (3)**

Essential course of Mass Communication majors. Teaches students how to spot 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. Prerequisites: COMM 2360-Intro to Media Writing (or concurrent enrollment).

**COMM 2360 - Introduction to Media Writing (3)**

Using news values to locate stories; interviewing sources; and location, retrieving, assessing and verifying information, including computerized databases. Writing news, features, entertainment, sports, columns, editorials, and online. Basic proficiency in the use of a digital camera, the Associated Press stylebook, and layout, design, and editing software. Portfolio and laboratory section required. Lab fee. Prerequisite: ENGL 1321 and 1322 (or equivalent) and COMM 2320 (credit or concurrent enrollment).

**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. Prerequisite: COMM 2360, Introduction to Media Writing.

**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. Prerequisite: COMM 2320

**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.

**COMM 3320 - Storytelling (3)**

The oral interpretation of literature. Study of techniques and practical experience in expressive reading aloud and in telling stories. Recommended for those certifying to teach and for those interested in working with youth.

**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.

**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 what’s happening and get enough photos to effectively illustrate the story. Prerequisites: COMM 2330 Copy Editing & COMM 2360 Intro to Media Writing.

**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.

**COMM 3343 - Documentary Filmmaking (3)**

Production of a documentary project from idea through final cut, culminating in a public screening.

**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. Prerequisite: COMM 2390 or permission of instructor.

**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.

**COMM 3351 - Argumentation & Debate (3)**

An introduction to theory and practice of academic debate and the argumentation principles which underlie them.

**COMM 3355 - Speech in the Secondary School (3)**

Study of methods of instruction in all aspects of speech communication, including public speaking, oral interpretation, and forensics competition (individual events and debate). Some attention given to the management of tournaments and festivals.

**COMM 3365 - Advanced Media Writing and Design (3)**

Integrates interviewing, writing, and reporting skills to produce in-depth stories. Mastery of Associated Press stylebook required. Study includes investigative reporting, social science reporting, multiple-interview projects, and New Journalism. Requires digital camera skills as well as online and print design/production skills using layout, design, and editing software. Portfolio and laboratory required. Outstanding students may progress to a limited number of paid student publication staff positions. Lab fee. Prerequisite: COMM 2360.

**COMM 3368 - Broadcasting (3)**

Writing and editing news, conducting interviews and developing commercials for broadcast and new media, training in the use of video camera

and editing processes and vocal health and production, with emphasis on effective diction. Prerequisites: COMM 2360 and 3365.

### **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.

### **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.

### **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 2350, and COMM 3310.

### **COMM 4150 - Review for Certification Exam (1)**

This class prepares the student for taking the state certification exams for secondary teaching.

### **COMM 4195 - Internship: Print Communication (1)**

Part-time paid or unpaid field experience in print journalism. Students will pair with a mentor at a newspaper or magazine and learn writing, reporting, interviewing, time management, and research skills. Daily log of activities must be kept. Final paper and computer graphics presentation required upon completion. Prerequisite: COMM 3365 and senior standing (or permission of faculty advisor).

### **COMM 4196 - Internship: Broadcasting (1)**

Part-time paid or unpaid field experience in broadcast journalism. Students will pair with a mentor at a television or radio station and learn writing, reporting, camera operation, and research skills, as well as become familiar with editing, voice-overs, and other aspects of audio/video production. Daily log of activities must be kept. Final paper and computer graphics presentation required upon completion. Prerequisite: COMM 3365 and 3368 and senior standing (or permission of faculty advisor).

### **COMM 4197 - Internship: Public Relations (1)**

Part-time paid or unpaid field experience in public relations. PR track students must complete THREE separate internships (70 hours each). 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 hands-on PR skills.

### **COMM 4198 - Internship: Online Journalism (1)**

Part-time paid or unpaid field experience in online journalism. Students will pair with a mentor at a newspaper or magazine and learn production skills related to online newspapers and magazines and the social media aspects of print media. Daily log of activities must be kept. Final paper and computer graphics presentation required upon completion. Prerequisite: COMM 3365 or 3375, a 3.0 GPA in the major, and senior standing or permission of faculty advisor.

### **COMM 4330 - Special Topics in Public Relation (3)**

This course focuses on contemporary issues in PR. Today's PR professionals have to be prepared to respond to various levels of crisis. Students will evaluate crisis situations, learn to create strategic communication plans and manage the media, while maintaining the organization's reputation. Topics might include. But aren't limited to: crisis communications, customer service in a technological age, reputation management, etc. Prerequisites: COMM 2330- Copy editing (or concurrent enrollment) and COMM 2370- Intro to Public Relations.

### **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.

### **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. Prerequisite: COMM 2390 and 3345 or permission of instructor.

### **COMM 4377 - Narrative Film Production (3)**

With an emphasis on low-budget, independent film and video making, we will study all aspects of narrative film production from idea generation, conceptualization and scripting through post-production.

### **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. Prerequisite: Graduating senior status.

### **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.

### **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.

### **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.

## **CRIJ - Criminal Justice**

### **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.

### **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)

### **CRIJ 3317 - American Ethnic Relations (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)

### **CRIJ 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. (Same as SOCI 3318)

### **CRIJ 4090 - Senior Examination (0)**

Students majoring in Criminal Justice must complete the program's achievement examination prior to graduation.

**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)

**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).

**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.

**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.

**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.

**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.

**CSBS 2301 - Biblical Backgrounds (3)**

This course presents a survey of the religious, cultural, geographical, and historical backgrounds of the Bible with special reference to major archaeological discoveries which have illuminated biblical interpretation and understanding. Prerequisites: CSBS 1311 and CSBS 1312

**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.

**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.

**CSBS 3330 - Biblical Hermeneutics (3)**

The course introduces the student to the science of biblical hermeneutics and its application to sacred scripture from the development and closing of the Canon to the modern era. Prerequisites: CSBS 1311 and CSBS 1312

**CSBS 3335 - The New Testament in Popular Culture (3)**

This course explores and critically evaluates how popular music, film, television programs, Internet sites, and other media venues express biblical themes. Personal reflection and considerations for contemporary life are included. Prerequisite CSBS 1312.

**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

**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

**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.

**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.

**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

**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

**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.

**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.

**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

**CSCH 4310 - 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.

**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.



**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.

**CSCH 4320 - 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.

**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.

**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.

**CSMN - Ministry****CSMN 1320 - Introduction to Christian Ministry (3)**

This course is a biblical, historical, theological, and practical study of Christian Ministry. Students study 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. Fee.

**CSMN 3305 - Personal Discipleship and Disciple-Making (3)**

This course is a study of personal discipleship practices and disciple-making based upon the ministry of Jesus and the principles of Christian character ethics. Prerequisites: CSBS 1311 and CSBS 1312

**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

**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.

**CSMN 3311 - Introduction to Religious Education (3)**

This course is a course introducing the student to the field of religious education and to practical ways to be an effective worker in Christian service. Students will acquire practical knowledge through supervised work in a church. Prerequisites: CSBS 1311 and CSBS 1312 and CSMN 1320.

**CSMN 3312 - Principles & Methods of Teaching in Church (3)**

This course is an age-level approach with emphasis on the use of modern teaching methods. Attention is given to methods and materials to be used with the different age groups in the church. Prerequisites: CSBS 1311 and CSBS 1312 and CSMN 1320.

**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.

**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.

**CSMN 3331 - Pastoral Ministry (3)**

This course is a study of the biblical principles of pastoral leadership and servant-hood that provide the foundation for developing a model of contemporary pastoral ministry. The responsibilities of the pastor in the modern church will be evaluated. Prerequisites: CSBS 1311 and CSBS 1312 and CSMN 1320.

**CSMN 3333 - Cross-Cultural Ministry (3)**

The course is an introduction to effective Christian ministry in a cross-cultural context. Attention will be given to the Biblical foundation, principles, and resources necessary for initial entry, incarnational witness and contextualized ministry in the cross-cultural setting. Prerequisites: CSBS 1311 and CSBS 1312

**CSMN 3335 - World Missions Theory & Practice (3)**

This course is a study of biblical foundations and contemporary models for the church engaged in world missions. Prerequisites: CSBS 1311 and CSBS 1312

**CSMN 3341 - Biblical Foundations of Christian Worship (3)**

The course is a study of the theological and practical aspects of Christian worship presented in the Old and New Testaments. Prerequisites: CSBS 1311 and CSBS 1312 or permission of the instructor.

**CSMN 3342 - History of Christian Worship (3)**

The course is a historical survey of liturgical practices in the earliest Christian churches through the contemporary period. Prerequisites: CSBS 1311 and CSBS 1312 or permission of the instructor.

**CSMN 3350 - Missions Field Experience (3)**

This is a short-term travel course that involves students in firsthand observation and participation in Christian missions in context. The specific content of the course varies according to the nature of the mission work in the locations of study.

**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 placed on functional competence in ministry through development of both personal and professional skills. Prerequisites: CSBS 1311 and 1312 and CSMN 1320.

**CSMN 4341 - Designing & Facilitating Worship Services (3)**

This course develops students' skills in the design, facilitation, and administrative tasks of worship, utilizing a broad range of media resources. The course emphasizes implementation of worship services in lab and / or field settings. Prerequisites: CSBS 1311 and CSBS 1312 or permission of the instructor.

**CSMN 4350 - Contemporary Issues Facing Youth (3)**

This course is a study of the contemporary issues of race, sexual attitudes, family pressures, school, etc. faced by youth and creative approaches the Youth Minister may employ to help youth understand these issues from uniquely Christian perspective. Prerequisites: CSBS 1311 and CSBS 1312 and CSMN 1320.

**CSTD - Religion****CSTD 2391 - Special Topics (3)**

A study of special topics in Christian Studies. May be repeated for credit when topics vary.

## **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

### **CSTH 3312 - Biblical Ethics (3)**

This course is a study of the ethical teachings in the Old and New Testaments. The course includes analysis of ways the Bible is used in formulating positions toward contemporary ethical issues. Prerequisites: CSBS 1311 and CSBS 1312

### **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.

### **CSTH 4303 - World Views (3)**

This course is an examination of a variety of perspectives on reality in today's pluralistic world. The course begins with a statement of the biblical world view and its influence on Western civilization. Naturalism, Secular Humanism, Eastern Mysticism, the New Age Movement, and Postmodernism are contrasted with the biblical view. The course is designed to emphasize the merits of the biblical view and to facilitate dialogue with other perspectives. (Same as PHIL 4303) Prerequisites: CSBS 1311 and CSBS 1312

### **CSTH 4317 - Doctrine of God (3)**

This course is an introduction to various theories on the nature of God and of God's relationship with the world. The class discusses the justification for various conceptions of God and addresses important issues in contemporary theological discussion, including Trinitarian thought and theories concerning divine/human action. Prerequisites: CSBS 1311, CSBS 1312 and CSTH 2316.

### **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. The focus is on primary readings and analysis. Prerequisites: CSBS 1311, CSBS 1312 and CSTH 2316.

### **CSTH 4319 - Christian Theological Traditions (3)**

This course is a survey of the major Christian theological traditions (Catholic, Protestant, and Orthodox) with an emphasis on their theological presuppositions, systems of thought, and principle theologians. The course emphasizes both ongoing disagreements and what the traditions hold in common. Prerequisites: CSBS 1311, CSBS 1312 and CSTH 2316.

### **CSTH 4330 - Doctrine of Revelation (3)**

This course is a historical and contemporary study of issues relating to human knowledge of God including natural and special revelation. Particular attention is given to the issues of the relationship of revelation and reason and to the nature and role of the Bible in revelation: inspiration, authority, inerrancy, and interpretation. (Same as PHIL 4330) Prerequisites: CSBS 1311, CSBS 1312, PHIL 2315 or CSTH 2316.

## **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.

### **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.

### **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.

### **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.

### **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.

## **EDSL - Education of Second Language Learners**

### **EDSL 4300 - Language and Literacy for Teachers of English Language Learners (ELL) (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.

### **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 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.

## **EDSP - Special 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.

#### **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. Field experience is required.

#### **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.

#### **EDSP 3364 - Behavior Interventions & Social Skills (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.

#### **EDSP 3395 - Practical Experiences (3)**

This course provides students with hands-on experiences working with individuals and groups in specific areas of disability.

#### **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.

#### **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.

#### **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.

#### **EDSP 4364 - Diagnostic & Corrective Reading Practice (3)**

This course focuses on commonly used assessment approaches and instruments used on elementary school campuses. The course includes information about and practice with the Texas Primary Reading Inventory, running records, miscue analysis, and the use of data to group students and make decisions about group instructional design. Instruction targets reading standards specific to the understanding of phonemic awareness, the alphabetic principle, literacy development and practice, word analysis, decoding, fluency, and comprehension. Students work with small group of public school students for one hour per week at the UMHB Reading Camp.

## **EDUC - Education**

#### **EDUC 1111 - Education Orientation (1)**

The course offers an overview of the teacher certification program at UMHB, state guidelines governing the certification of teachers in Texas, and the benefits and challenges facing teachers at the elementary, middle, and secondary levels of 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 computers, tablets, and Web 2.0 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 activities and increasing teacher productivity.

#### **EDUC 3315 - Students and Learning (3)**

This course is an introduction to the teaching profession. The content is organized around the following clusters: philosophy of education, structure of education in Texas, Code of Ethics and legal issues, family/school partnerships, and professionalism.

#### **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.

#### **EDUC 4150 - Certification Preparation Seminar (1)**

This course is designed to review the TExES competencies for the PPR for teachers pursuing music, physical education, and post-bac certificates. Sessions emphasize test content and test-taking strategies.

#### **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.

#### **EDUC 4313 - Child and Adolescent Development (3)**

This course focuses on the development of human beings from birth to adolescence, with respect to physical, emotional, cognitive, and social development. Major theories of child development are explored.

#### **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 in schools. Preventive, supportive, and corrective behavior management techniques are explored. Prerequisites: Successful completion of EDUC 3315, meeting the standards in the Department Interview, and satisfying the Basic Skills Requirement.

#### **EDUC 4328 - Curriculum Design I (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 Department of Education interview, and satisfying the Basic Skills requirement.

#### **EDUC 4329 - Curriculum Design II (3)**

Building on the understanding of the lesson model from Curriculum Design I, this course explores teaching methodologies, learning theories, and assessment strategies specific to math and science.

#### **EDUC 4385 - Educational Internship (3)**

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. In this course, students are placed with an elementary, middle-level, or high school mentor teacher for 60 or more hours of classroom interaction and involvement. The course also involves research and written reflection. Lab fee.

#### **EDUC 4435 - Student Teaching Elementary Music (4)**

Student Teaching shall consist of five weeks of full days in observation and teaching experiences in classrooms grades elementary. Lab fee.



**EDUC 4436 - Student Teaching Grades Middle Level Music (4)**

Student teaching shall consist of five weeks of full days in observation and teaching experiences in classrooms middle level. Lab fee.

**EDUC 4437 - Student Teaching Grades Secondary Music (4)**

Student teaching shall consist of five weeks of full days in observation and teaching experiences in classrooms secondary level. Lab fee.

**EDUC 4501 - Student Teaching I (5)**

Student teaching and observation in a public school setting for the first half of the semester.

**EDUC 4502 - Student Teaching II (5)**

Student teaching and observation in a public school setting for the second half of the semester.

**EDUC 4603 - Internship or Six-Hour Student Teach (6)**

Primarily for post-bac students, this internship involves observation and teaching experiences for one semester in partial fulfillment of state requirements. Two semesters of internship are required by the state.

**EDUC 4604 - Internship or Six-Hour Student Teaching (6)**

Primarily for post-bac students, this internship involves observation and teaching experiences for one semester in partial fulfillment of state requirements. Two semesters of internship are required by the state.

## ENGL - English

**ENGL 0130 - Concurrent Literacy (1)**

This course works to apply the same skill sets in ENGL 0330 (p. 329) along with enrollment in ENGL 1321 (p. 329). Students will use the assignments and objectives from Rhetoric and Composition I as a basis for their course work. In addition, this course will offer enrichment assignments which will supplement the instruction of the parent course. Students who score below 500 on the SAT Critical Reading OR writing or 19 on the ACT Reading OR Writing will be placed in ENGL 0130. In order to appeal that placement, students can take an approved placement test. May not be taken once student has passed ENGL 1321. Does not count toward fulfilling English requirements in Academic Foundation nor any degree credit.

**ENGL 0310 - Skillful Reading (3)**

Designed to improve literal, critical, and affective comprehension of college-level reading materials. Includes study skills and test-taking techniques. If the student scores below 500 on the SAT Critical Reading or below 19 on the ACT Reading, placement will be in ENGL 0310. In order to appeal that placement, the student must take a current placement test in English. That test score will be used to determine placement. May not be taken once student has passed ENGL 1321. Does not count toward fulfilling English requirements in Academic Foundation nor any degree credit.

**ENGL 0320 - Skillful Writing (3)**

Study of the nature and uses of English. Detailed study of the grammar of English with emphasis on the student's ability to construct correct and effective sentences and paragraphs. Much practice in writing. If the student scores below 500 on the SAT Writing or below 19 on the ACT Writing, placement will be ENGL 0320. In order to appeal that placement, the student must take a current placement test in English. That test score will be used to determine placement. May not be taken once student has passed ENGL 1321. Does not count toward fulfilling English requirements in Academic Foundation nor any degree credit.

**ENGL 0330 - Skillful Literacy (3)**

This course works to improve literal, critical, and effective comprehension of college-level reading in a variety of genres. In addition, students will generate ideas, gather information relevant to a topic and purpose, incorporate the ideas and words of other writers, and apply established strategies as well as the conventions of Standard English. Students who score below 450 on the SAT Critical Reading OR Writing or 17 on the ACT Reading OR Writing will be placed in ENGL 0330. In order to appeal that placement students can take an approved placement test. May not be taken once

student as passed ENGL 1321. Does not count toward fulfilling English requirements in Academic Foundation nor any degree credit.

**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 the 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. Prerequisite: A grade of a "C" or higher in Skillful Literacy or appropriate score on placement test.

**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 1321 to pass the course. Prerequisite: A grade of a "C" or higher in ENGL 1321.

**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, 1322.

**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.

**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.

**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 conduct 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.

**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.

**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.

**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.

**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.

**ENGL 2380 - Honors Literature (3)**

An in-depth exploration of literature employing literary devices and critical analysis. The courses 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.

**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. Course fee.

**ENGL 3321 - American Literature to 1890 (3)**

Survey of the major American writers and representative selections from colonial times to 1890. Prerequisites: ENGL 1321, 1322, and two 2000-level English courses. .

**ENGL 3322 - American Literature since 1890 (3)**

Survey of the major American writers and representative selections after 1890. Prerequisite: ENGL 1321, 1322, and two 2000-level English courses. .

**ENGL 3323 - World Literature (3)**

A survey of world literature in translation. Prerequisites: 1321, 1322, and two 2000-level English Courses.

**ENGL 3332 - Studies in Literary Periods & 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 two 2000-level English Courses.

**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 two 2000-level English courses.

**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 two 2000-level English courses.

**ENGL 4100 - Capstone to the English Major (2)**

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.

**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 internship-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. Prerequisite: must be taken in conjunction with ENGL 4100.

**ENGL 4321 - Shakespeare (3)**

Study of representative comedies, histories and tragedies by William Shakespeare. Parallel readings of other plays, poems, and criticism. Prerequisite: Two ENGL 3000-level courses-excluding 3100.

**ENGL 4331 - Chaucer (3)**

Study of Geoffrey Chaucer's major works, in Middle English, with emphasis on *The Canterbury Tales*. Prerequisite: Two ENGL 3000-level courses-excluding 3100.

**ENGL 4332 - Milton (3)**

Study of John Milton's life and works, with emphasis on *Paradise Lost* and *Paradise Regained*. Prerequisite: Two ENGL 3000-level courses-excluding 3100.

**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: Two ENGL 3000-level courses-excluding 3100.

**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 is selecting the internship abroad. Prerequisite: must be taken in conjunction with or the Summer prior to ENGL 4100.

## 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.

**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. Prerequisite: ENGR 1310 Lab Fee.

**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.

**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.

#### **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 point systems, finding solutions to linear systems using direct or iterative solvers, interpolation curve fitting, numerical differentiation and integration, multiple integrals, least squares. Prerequisite(s): CISC 2330 or ENGR 1320, and CISC 2315 or MATH 1330 or by permission of the instructor. Lab Fee.

#### **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 Corequisite MATH 1330. Lab fee.

#### **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 Corequisite: MATH 2330. Lab fee.

#### **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 2321, Corequisite: MATH 2330 and PHYS 2421. Lab fee.

#### **ENGR 2390 - Independent Study (3)**

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.

#### **ENGR 2391 - Special Topics (3)**

Classes explore specialized problems in the area of Engineering Science. A student may repeat this course for credit when the course topic has been varied. Course level may range from sophomore to senior level. Lab fee.

#### **ENGR 2430 - Electrical Circuit Theory (4)**

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, Co-requisite: MATH 2330 and PHYS 2422. Lab fee.

#### **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, Lab fee.

#### **ENGR 3160 - Engineering Design: Bio-Inspired Design (1)**

This course introduces students to the engineering design process as practiced by professional engineers. Particular focus will be given to design inspirations from the natural world. Students will work in teams to study a mechanism found in nature and draw on the lessons learned to design a bio-inspired educational product, such as a toy or learning tool. Topics

covered will include team building, brainstorming techniques, project management, design iteration, design optimization, ethical issues in engineering design, and reflection on career goals. Particular emphasis will be given to the communication of the design team's results. Prerequisite: ENGR 1320. Lab fee.

#### **ENGR 3260 - Engineering Design: Engineering for Humanity (2)**

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. 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.

#### **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. Prerequisite(s): ENGR 1320 and Corequisite: ENGR 3137 or by permission of the instructor. Lab Fee.

#### **ENGR 3420 - Mechanics of Materials (4)**

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. Prerequisite(s): ENGR 2320 or by permission of the instructor. Lab fee.

#### **ENGR 4320 - System Dynamics and Control (3)**

System Dynamics and Control: 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 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, plane 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. Prerequisite(s): PHYS 2422 and MATH 2330 or by permission of the instructor. Lab fee.

#### **ENGR 4340 - Principles of Heat Transfer (3)**

Principles of Heat Transfer will require the use of specific software and hardware to illustrate the mechanisms of the Electromagnetic processes studied in the course and observed in the lab. A course fee of \$50 will be required.



**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. Prerequisite(s): ENGR 2321, MATH 2330 and PHYS 2422 or by permission of the instructor. Lab fee.

**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) Prerequisite: Junior-standing CSE major. Lab fee.

**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 be 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. Lab fee.

**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 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.

**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.

**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)

**ESOL - English For Speakers Of Other Languages****ESOL 1000 - Intensive English Laboratory (3)**

A communicative language lab that emphasizes building language skills, such as fluency and accuracy, and practicing concepts taught in the corresponding Oral Communication course.

**ESOL 1301 - Readings in English (3)**

Emphasizes the development of reading skills, beginning the transition to utilizing academic and literary texts.

**ESOL 1302 - English Idioms (3)**

An overview of English idioms, American colloquial usage, and other specialized vocabulary for the academic classroom.

**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.

**ESOL 1304 - Oral Communication in English (3)**

A communicative competency course emphasizing the improvement of listening skills and pronunciation. Lab attendance required.

**ESOL 1305 - Elements of Effective Writing in English (3)**

Emphasizes the development of paragraph writing skills in various styles using process writing techniques.

**ESOL 1321 - Intermediate Reading (3)**

Emphasizes the development of academic reading skills, utilizing university-level academic, and literary texts.

**ESOL 1323 - Intermediate English Grammar (3)**

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.

**ESOL 1324 - Oral Communication in English Intermediate (3)**

A communicative competency course emphasizing the improvement of listening skills and pronunciation utilizing university level academic content. Lab attendance required.

**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.

**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.

**ESOL 1334 - Advanced Oral Communication (3)**

A communicative competency course emphasizing the improvement of listening skills, academic note taking, and proper pronunciation utilizing university level academic content. Lab attendance required.

**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.

**EXAC Exercise Sport Science****EXAC 1101 - Lifetime Fitness (1)**

Comprehensive presentation of scientific fundamentals in developing a healthy lifestyle, including epidemiology of disease and mortality in the United States, effects of physical activity and fitness on healthy, proper nutrition, addictive behaviors, prevention and treatment of obesity, mental health related to healthy lifestyles, and musculoskeletal health and disease. Instructional modalities include lecture, physical activity experiences, and assessment of health risks and fitness.

**EXAC 1102 - Basketball (1)**

Basic instruction in basketball with presentation of skills and rules designed to give the student a laboratory experience in team play. Lab fee.

**EXAC 1103 - Softball (1)**

Basic instruction in softball with presentation of skills and rules designed to give the student a laboratory experience in team play. Lab fee.

**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.

**EXAC 1106 - Volleyball (1)**

Basic instruction in volleyball with presentation of skills and rules designed to give the student a laboratory experience in team play. Lab fee.

**EXAC 1107 - Soccer (1)**

Basic instruction in soccer with presentation of skills and rules designed to give the student a laboratory experience in team play. Lab fee.

**EXAC 1108 - Rollerblading (1)**

Basic instruction in and skills of in-line skating. Special emphasis on cardiovascular conditioning, motor skills, and game transference through selected laboratory experiences. Students must provide their own helmets and rollerblades (in-line skates). Lab fee.

**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.

**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.

**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.

**EXAC 1120 - Basic Swimming (Activity Course) (1)**

Students will learn fundamentals of freestyle and backstroke. Emphasis will be placed on kicking, pulling, and breathing techniques. No prior swimming experience required.

**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.

**EXAC 1191 - Seminar (1)****EXAC 2106 - Flag Football (1)**

Basic instruction in six man football fundamentals and techniques designed to give the student a laboratory experience in the sport. Lab fee.

**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.

**EXAC 2111 - Yoga (Activity Course) (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.

**EXAC 2120 - Marathon and Half-Marathon Training (Activity Course) (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.

**EXAC 2125 - Camping and Backpacking (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. Basic fitness level required. Lab fee.

**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.

**EXAC 2131 - Modified Physical Education (1)**

A class for students needing modified activities because of limitations due to physical status. Pre-requisite: Approved written documentation from a medical doctor required stating limitations and prescriptions May be repeated once for credit. Lab fee.

**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.

**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.

**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.

**EXAC 2191 - Seminar (1)****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. May be repeated once for credit. Lab fee.

**EXAC 3116 - Beginning Golf (1)**

Basic instruction in the use of irons, woods, and the putter. Application of the rules, proper club selection, and experience in competition is required. Lab fee.

**EXAC 3117 - Intermediate Golf (1)**

A continuation of EXSS 3116 with additional skills. Prerequisite: EXSS 3116 or permission of instructor. Lab fee.

**EXAC 3122 - Basic Fishing (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 tying, 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.

**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. Prerequisite: Ability to swim. Lab fee.

**EXAC 3191 - Seminar (1)****EXAC 3210 - Adventure Activities (Activity Course) (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.

**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. Minimal cycling skills and basic fitness level required. Mountain bikes are provided by the EXSS department. Lab fee.

**EXAC 4111 - Rock Climbing (1)**

This class introduces students to basic rock climbing principles, including techniques and maneuvers, knots, anchoring and belaying systems, rappelling, and categories of climbing. In addition, students become familiar with history, safety, and ethics as well as equipment, including nomenclature, use, and care. Emphasis is placed on top-roped climbing systems and bouldering. Basic fitness level is required for participation in this class. Students are required to participate in a 3-day field trip. Lab fee.

**EXAC 4112 - Snow Skiing (1)**

This course introduces students to basic and intermediate snow skiing. The course material includes basic equipment knowledge, proper skiwear, ski area navigation, safety and injury prevention, basic fitness, nutrition and hydration and etiquette. Emphasis is placed on downhill skiing, basic form and safety principles. Students are expected to participate in daily training sessions and make every attempt to progress in skill level during the course. No experience is necessary. Class will be taught off-campus. A basic fitness level is required. Lab fee.

**EXAC 4113 - Stand Up Paddleboarding (1)**

Instruction in safety and techniques of lake, river and ocean stand up paddleboarding. Primary focus will be placed 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 swimming test prior to beginning the class. Lab fee.

**EXAC 4191 - Seminar (1)****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.

**EXSS 2330 - Foundations of Teaching Physical Education (Theory Course) (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.

**EXSS 2340 - Introduction to Exercise and Sport Science (Theory Course) (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.

**EXSS 2350 - Prevention and Care of Athletic Injuries (Theory Course) (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.

**EXSS 2352 - Personal Fitness & Wellness (Theory Course) (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.

**EXSS 2353 - Lifespan Nutrition (Theory Course) (3)**

This course will address the role of nutrition throughout one's life. Topics will include the issues of food choices, energy balance, and their relationship to the world issue of obesity and the obesity epidemic.

**EXSS 2355 - Medical Terminology (Theory Course) (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.

**EXSS 2370 - Emergency Healthcare (Theory Course) (3)**

This course emphasizes Safety, CPR, and First Aid for the allied healthcare professional in the Community, School, and Athletic healthcare settings.

**EXSS 2371 - Principles of Sport Management (Theory Course) (3)**

An introduction to the basic concepts, career preparation skills and professional opportunities available in sport management.

**EXSS 3107 - Advanced Cardiovascular Training (Activity Course) (1)**

A capstone fitness class required for EXSS majors and minors. Emphasis is placed on distance running, cardiovascular health, nutrition, and hydration. Students are expected to participate in training sessions and log 50 miles of running outside of the class. Intermediate fitness level required. May be repeated once for credit. Lab fee.

**EXSS 3135 - Advanced Resistance Training (Activity Course) (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.

**EXSS 3141 - Exercise and Sport Science Practicum (Theory Course) (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

**EXSS 3170 - Pre-Physical Therapy Internship I (1)**

Students must be Pre-Physical Therapy in Exercise Science majors in good academic standing. The internship program provides the Pre-PT student with the opportunity to observe in a physical therapy setting to learn about the field of study, the events that occur in a clinical setting, and to develop professional contacts specific to physical therapy. Students are required to fulfill 50 hours of observation under a licensed physical therapist for each section 3170, 4170, and 4171 by the summer before their senior year for a total of 150 hours minimum. The internship will be completed under the supervision of the supervising physical therapist at the site and a faculty member from the EXSS department.

**EXSS 3300 - Activity Methods for Majors (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.

**EXSS 3310 - Communication in Sport (Theory Course) (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.

**EXSS 3354 - Performance Nutrition (Theory Course) (3)**

This course involves the study of nutrients and their function in promoting health throughout the life span. Included are standards for consumer selection of a proper diet and analysis of nutrition-related health problems.

**EXSS 3357 - Pharmacology in Sport (Theory Course) (3)**

A study in the use and misuse of medicines in Sport. Topics to include drug testing, drug classification, drug vehicles and mode of introduction into body, tolerance, side effects, street dispensing of OTCs, ethical and legal issues. Prerequisite: BIOL 2440

**EXSS 3360 - Sport Venue/Event Management (Theory Course) (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.

**EXSS 3372 - Sociology of Sport (Theory Course) (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.

**EXSS 3373 - Governance in Sport (Theory Course) (3)**

An investigation of the various agencies governing sport. Includes an examination of the agencies, their authority, organizational structure, and their function.

**EXSS 3374 - Sport Promotion/Marketing (Theory Course) (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.

**EXSS 3375 - Economics in Sport (Theory Course) (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.

**EXSS 3376 - Research Methods in Sport Management (Theory Course) (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.

**EXSS 3377 - International Sport Management (Theory Course) (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.

**EXSS 3379 - Exercise and Sport Psychology (Theory Course) (3)**

This course examines psychological theories and research related to sport and exercise behavior. The course introduces the student to the field of sport and exercise psychology by providing a broad overview of the major topics in the field.

**EXSS 3384 - Coaching Theory (Theory Course) (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.

**EXSS 3390 - Anatomical Kinesiology (Theory Course) (3)**

Application of the basic mechanics of human motion to physical education activities. Includes a study of gross anatomy with application of the anatomical and mechanical principles involved in human movement. Prerequisite: BIOL 2340/2140.

**EXSS 3395 - Physiology of Exercise (Theory Course) (3)**

A study of the adjustments made by the body and its systems to exercise. Emphasis will be placed on the cardiovascular respiratory, and digestive systems. Training programs and variables impacting upon human performance will be considered. Prerequisite: BIOL 2440

**EXSS 3396 - Physiology of Exercise II (Theory Course) (3)**

A continuation of study in physiology related to exercise and the bodily systems. Emphasis will be placed on applied physiology, special populations, environment physiology, and an increased emphasis on the laboratory components and testing that span across all areas of exercise physiology. Prerequisite: EXSS 3395



**EXSS 4103 - Seminar in Pre-Physical Therapy (Theory Course) (1)**

A weekly seminar in Allied Healthcare Professions. This seminar provides contact with a variety of allied healthcare professions that a physical therapist may utilize as a component of the overall treatment of client(s). Professionals will be selected from, but not limited to, radiologists, nurses, neurologists, trauma specialists, massage therapists, and dietitians. A general medical rotation of a minimum of 30 hours will be required for this course.

**EXSS 4104 - Senior Seminar (Theory Course) (1)**

Senior Seminar is a capstone course designed to prepare those students seeking teacher certification in Exercise and Sport Science to successfully complete the TEXES examination. Emphasis will be given to testing strategies, study material, and practice questions. A practice examination will be administered at the completion of the course.

**EXSS 4124 - Lifeguard Training (Activity Course) (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.

**EXSS 4126 - Water Safety Instructor (Activity Course) (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.

**EXSS 4130 - Team Activities (Activity Course) (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.

**EXSS 4170 - Pre-Physical Therapy Internship II (1)**

Students must be Pre-Physical Therapy in Exercise Science majors in good academic standing. The internship program provides the Pre-PT student with the opportunity to observe in a physical therapy setting to learn about the field of study, the events that occur in a clinical setting, and to develop professional contacts specific to physical therapy. Students are required to fulfill 50 hours of observation under a licensed physical therapist for each section 3170, 4170, and 4171 by the summer before their senior year for a total of 150 hours minimum. The internship will be completed under the supervision of the supervising physical therapist at the site and a faculty member from the EXSS department.

**EXSS 4171 - Pre-Physical Therapy Internship III (1)**

Students must be Pre-Physical Therapy in Exercise Science majors in good academic standing. The internship program provides the Pre-PT student with the opportunity to observe in a physical therapy setting to learn about the field of study, the events that occur in a clinical setting, and to develop professional contacts specific to physical therapy. Students are required to fulfill 50 hours of observation under a licensed physical therapist for each section 3170, 4170, and 4171 by the summer before their senior year for a total of 150 hours minimum. The internship will be completed under the supervision of the supervising physical therapist at the site and a faculty member from the EXSS department.

**EXSS 4220 - Scuba Diving (Activity Course) (2)**

The course will focus in 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 a student will receive an open-water dive certification. Prerequisite: Ability to swim. Lab fee.

**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.

**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.

**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.

**EXSS 4340 - Elementary Methods of Teaching Physical Education (Theory Course) (3)**

This course will provide pre-service students insight into the overall physical education program for children in grades K-6. Emphasis is placed on program development, curriculum planning, and instructional methods and strategies that are intended to provide an understanding of the skill theme approach to children's physical education. Students are provided with both observation and peer teaching experiences.

**EXSS 4341 - Secondary Methods of Teaching Physical Education (Theory Course) (3)**

This course will provide pre-service insight into the overall physical education program for students at the secondary level. Emphasis is placed on program development, curriculum planning, and instructional methods and strategies. Students are provided with both observational and peer teaching experiences. Prerequisite: EXSS 2340, 3300, and 4340.

**EXSS 4344 - Administration of Exercise and Sport Science (Theory Course) (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.

**EXSS 4350 - Principles and Techniques of Strength Training and Conditioning (Theory Course) (3)**

Study of current principles and procedures essential to strength training and conditioning practices. Emphasis placed on development and practical applications of aerobic conditioning, joint flexibility, muscular strength, power, and endurance programs.

**EXSS 4375 - Ethics in Sport (Theory Course) (3)**

A study of the development, practice, and application of moral values as applied to sport and business.

**EXSS 4376 - Leadership Principles in Sport (Theory Course) (3)**

An examination of the theory and practice of leadership principles in sport management.

**EXSS 4377 - Field Experience (Theory Course) (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. 300 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.

**EXSS 4378 - Sport Finance (Theory Course) (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.

**EXSS 4379 - Legal Aspects of Sport (Theory Course) (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.

**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.

**EXSS 4392 - Tests and Measurements in Exercise and Sport Science (Theory Course) (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.

**EXSS 4394 - Exercise Testing and Prescription (Theory Course) (3)**

The purpose of this course is to teach students how to use relevant fitness testing equipment and prescribe appropriate exercise program based on fitness evaluations. Students will learn the guidelines and protocols for safe and effective exercise testing for normal and special populations. Prerequisite: Either EXSS 2340, 2351, or 2371.

**EXSS 4395 - Motor Behavior (Theory Course) (3)**

Physical, motor, and neuromuscular development from prenatal periods to maturity. Stages of development highlighting specific movement patterns. Special emphasis placed upon the development of fundamental movement patterns in ages 3-12.

**EXSS 4398 - Internship in Exercise Science (Capstone - Theory Course) (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 300 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.

**FINA - Fine Arts****FINA 2330 - Exploring the Fine Arts (3)**

This course provides the essential foundational knowledge of the visual arts and performing arts. The areas to be studied include the visual arts, music, and drama.

**NOTE:** This course is required for those students receiving a degree in lower elementary education (EC-6) or interdisciplinary studies education.

**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.

**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.

**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.

**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.

**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.

**FREN - French****FREN 1410 - French I (4)**

Beginning French consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. No prerequisite for 1410. Lab fee.

**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.

**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; two years of high school French; or equivalent.

**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 1420; two years of high school French; or equivalent.

**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.

**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.

**GERM - German****GERM 1410 - German I (4)**

Beginning German consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. No prerequisite for 1410. Lab fee.

**GERM 1420 - German 2 (4)**

Beginning German consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation. Prerequisite: 1410 or placement test. Lab fee.

**GERM 2310 - German 3 (3)**

Selected readings of moderate difficulty from representative German authors. Emphasis on vocabulary building and developing oral proficiency. Grammar review as needed. Prerequisite: GERM 1420 or placement test.

**GERM 2320 - German 4 (3)**

Selected readings of moderate difficulty from representative German authors. Emphasis on vocabulary building and developing oral proficiency. Grammar review as needed. Prerequisite: GERM 2310.

**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.

**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.

**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

**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 2414 and CSBS 1312

**HBRW - Hebrew****HBRW 2413 - Elementary Hebrew I (4)**

The course introduces the student to biblical Hebrew. Appropriate portions from the Hebrew Scriptures will be translated. Hebrew grammar and the Hebrew lexicon will be introduced and utilized in this study.

**HBRW 2414 - Elementary Hebrew II (4)**

The course introduces the student to biblical Hebrew. Appropriate portions from the Hebrew Scriptures will be translated. Hebrew grammar and the Hebrew lexicon will be introduced and utilized in this study.

**HBRW 3313 - Intermediate Hebrew I (3)**

The course presents the student with a detailed analysis of biblical Hebrew. Appropriate sections of the Hebrew Scriptures will be examined. Attention will be given to the grammar, syntax, and text of a different culture written in a language from the ancient world. Prerequisite: HBRW 2414.

**HBRW 3314 - Intermediate Hebrew II (3)**

The course presents the student with a detailed analysis of biblical Hebrew. Appropriate sections of the Hebrew Scriptures will be examined. Attention will be given to the grammar, syntax, and text of a different culture written in a language from the ancient world. Prerequisite: HBRW 2414.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**HIST 3325 - History of the American Presidency (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.

**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.

**HIST 3370 - History of England to 1707 (3)**

A study of the social, political, and economic history of England from the pre-literary period to the Act of Union in 1707 and the reign of Queen Anne. Prerequisite: HIST 1311, and HIST 2340, or instructor's consent.

**HIST 3371 - History of Great Britain Since 1707 (3)**

A continuation of HIST 3370 from the Act of Union in 1707, this course includes the growth of the British Empire and Britain's role in world affairs. Prerequisite: HIST 1312, and HIST 2340, or instructor's consent.

**HIST 4090 - History Capstone (0)**

All history majors will complete a post-test covering competencies in using the tools of historical research, vocabulary, analysis, and ability to understand context. Students will also submit reflective essays responding to experiences in their coursework. Class assessment is on Pass/Fail basis. Prerequisite: Senior standing.

**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.

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**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**HIST 4375 - Twentieth Century Europe (3)**

A study of the leading European states from the outbreak 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.

**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.

**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.

**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.

**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.

**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 used as Fine Arts/Humanities credit. Enrollment is by invitation only.



**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.

**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.

**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.

**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.

**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.

**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.

**ITAL-Italian****ITAL 1410 - Italian 1 (4)**

Beginning Italian consisting of fundamentals of grammar and composition with strong emphasis on oral comprehension and conversation.

**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.

**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.

**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.

**JAPN - Japanese****JAPN 1410 - Japanese I (4)**

A course in beginning Japanese with an emphasis on the development of the listening skills needed to understand a basic core of topics relevant to everyday life and students' interests; the oral skills needed to talk about these topics and to function in basic situations; basic skimming, scanning, and intensive reading skills; basic writing skills, including descriptive and functional writing as well as the writing of the phonetic Japanese alphabets and Chinese characters; and sociocultural awareness. No prerequisite. Lab fee.

**JAPN 1420 - Japanese 2 (4)**

A course in beginning Japanese with an emphasis on the development of the listening skills needed to understand a basic core of topics relevant to everyday life and students' interests; the oral skills needed to talk about these topics and to function in basic situations; basic skimming, scanning, and intensive reading skills; basic writing skills, including descriptive

and functional writing, as well as the writing of the two phonetic Japanese alphabets and Chinese characters; and sociocultural awareness. Prerequisite 1410. Lab fee.

**JAPN 2310 - Japanese 3 (3)**

An intermediate level course which expands listening, speaking, reading, and writing skills allowing the student to use Japanese in real-life situations for different communicative purposes. The introduction of new vocabulary items, grammatical patterns, and language functions in conjunction with a consistent review of previously learned material facilitates communicative proficiency. Prerequisite: JAPN 1410-1420 or equivalent.

**JAPN 2320 - Japanese 4 (3)**

An intermediate level course which expands listening, speaking, reading, and writing skills allowing the student to use Japanese in real-life situations for different communicative purposes. The introduction of new vocabulary items, grammatical patterns, and language functions in conjunction with a consistent review of previously learned material facilitates communicative proficiency. Prerequisite: JAPN 1410-1420 or equivalent.

**MATH - Mathematics****MATH 1101 - The Metric System (1)**

A course on the metric system for students who need one hour of Mathematics to meet degree requirements. Test

**MATH 1103 - Special Problems (1)**

Subject matter and procedures vary according to the needs of students.

**MATH 1203 - Special Problems (2)**

Subject matter and procedures vary according to the needs of students.

**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.

**MATH 1303 - Special Problems (3)**

Subject matter and procedures vary according to the needs of students.

**MATH 1304 - Quantitative Reasoning (3)**

A course designed to interpret mathematical models such as formulas, graphs, tables, and schematics, and draw inferences from them. It will represent mathematical information symbolically, visually, numerically, and verbally. It will use arithmetical, algebraic, geometric, and statistical methods to solve problems. Satisfies the core mathematics requirement for some degrees.

**MATH 1306 - College Algebra (3)**

A study of equations, inequalities, and the graphs and properties of linear, quadratic, polynomial, rational, exponential, and logarithmic functions. Satisfies Mathematics requirements for all degree plans, except for mathematics majors and minors. Prerequisite: Earn a math SAT\* score of 530 or higher, a math ACT score of 22 or higher, or a grade of "C" or higher in MATH 1300. \* SAT administered March 2016 and later

**MATH 1320 - Pre Calculus (3)**

A study of polynomial, rational, exponential, logarithmic, trigonometric, and two-variable functions. Prerequisite: Earn a math SAT\* score of 570 or higher, a math ACT score of 24 or higher, or a grade of "C" or higher in MATH 1306.

**MATH 1330 - Calculus I (3)**

A study of the derivatives and integrals with their principal interpretations. Techniques of differentiation of functions of one variable. Prerequisite: Adequate high school background; MATH 1320, or permission of the instructor.

**MATH 1403 - Special Problems (4)**

Subject matter and procedures vary according to the needs of students.

**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 at least a “C” or better in MATH 1306 or higher.

**MATH 2304 - Math for Elementary Teachers 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.

**MATH 2305 - Math for Elementary Teachers II (3)**

Concepts and principles of geometry, measurement, mathematical structures, sets, and probability with problem solving as specified for EC-6 mathematics. Prerequisite MATH 2304.

**MATH 2310 - Calculus for Computer Science (3)**

A study of the operations of single variable calculus with emphasis on applications. The course will also consider calculus with the major trigonometric structures. May count toward a minor in Mathematics. Will count toward education: 4-8 Mathematics major. Prerequisite: A grade of “C” or higher in MATH 1320 or permission of instructor.

**MATH 2313 - Systems of Mathematics 4-8 & 8-12 (3)**

A study of topics in problem solving, the real number system, basic algebra, functions, coordinate geometry, plane and solid geometry, probability and statistics. Prerequisites: A grade of “C” or higher in MATH 1304 and MATH 1306 or 1320.

**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 1330 or MATH 2310.

**MATH 2330 - Calculus II (3)**

A study of integration and applications. Theory of infinite series. Prerequisite: MATH 1330 with a grade of “C” or higher.

**MATH 3093 - Junior Evaluation (0)**

Students majoring in Mathematics (both teacher certification and non-certification) must complete the math pre-certification review and evaluation during their junior year.

**MATH 3314 - Geometry (3)**

Incidence and separation properties of planes and space developed from an intuitive standpoint. Congruences, similarities, and metric principles are also conceptualized. Prerequisite: 3 hours of college mathematics.

**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: MATH 1330 or permission of instructor.

**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: MATH 2320.

**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. Some facts from linear algebra are presented. Computer Algebra Systems for problem solution are considered. Prerequisite: MATH 2330 Calculus II with a grade of “C” or higher.

**MATH 3326 - Partial 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.

**MATH 3330 - Calculus III (3)**

A study of multivariable calculus differentiation and integration. Differential equations. Prerequisite: MATH 2330 with a grade of “C” or higher.

**MATH 3341 - Numerical Analysis (3)**

A study of the numerical solution of polynomials and general algebraic equations; numerical solution of simultaneous linear equations and matrix operations; least squares curve-fitting techniques; interpolation polynomials; and numerical solution of ordinary differential equations. Prerequisite: CISC 2305 and MATH 3330 recommended.

**MATH 4090 - Senior Seminar (0)**

Students majoring in mathematics or having an emphasis on mathematics for their education-related degree must complete a pre-certification review and test prior to graduation.

**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.

**MATH 4310 - Analysis (3)**

An introduction to the analysis of real numbers, functions, sequences, series, limits, continuity, differentiation, integration, convergence, and the complex numbers. Prerequisite: MATH 2330 and 3320.

**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: MATH 2320 and 3320.

**MATH 4330 - Advanced Calculus (3)**

The differential and integral calculus of Euclidean 3-space, using vector notation, and leading up to the formulation and solution of the partial differential equations of mathematical physics. The Fundamental Theorem of Line Integrals, Green’s Theorem in a plane, Stokes’s Theorem, and Gauss; Divergence Theorem are also studied. Prerequisite: MATH 3330 with a grade of “C” or higher.

**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 3330 with a grade of “C” or higher.

**MUSI - Music****MUSI 1021 - Performance Lab (0)**

Recital attendance credit for Music majors/minors/teacher certification candidates. May be repeated for credit. Lab fee.

**MUSI 1023 - Performance Lab (0)**

Recital attendance credit for Music majors/minors/teacher certification candidates. May be repeated for credit. Lab fee.

**MUSI 1031 - Performance Lab (0)**

Recital attendance credit for Music majors/minors/teacher certification candidates. May be repeated for credit. Lab fee.

**MUSI 1033 - Performance Lab (0)**

Recital attendance credit for Music majors/minors/teacher certification candidates. May be repeated for credit. Lab fee.

**MUSI 1089 - Blackshirt Cru Spirit Band (0)**

Instrumental ensemble performing at athletic events, parades, etc. Prerequisite: Audition or interview with instructor.

**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.

**MUSI 1131 - Aural Skills 1 (1)**

Study of music theory through development of analytical, critical listening skills, vocal technical exercises, and sight-singing using solfege system. Should be taken concurrently with MUSI 1331. Prerequisite: Satisfactory score on Theory Placement Exam.

**MUSI 1132 - Aural Skills 2 (1)**

Continuation of MUSI 1131. Should be taken concurrently with MUSI 1332. Prerequisite: MUSI 1131.

**MUSI 1150 - Worship Lab (1)**

A laboratory experience in a range of topics related to worship leadership. A weekly class meeting and active participation in worship ministry serve as primary components of this course. Prerequisite: Permission of Instructor.

**MUSI 1160 - Class Brass I (1)**

Pedagogical and practical study in understanding and teaching brass instruments to students. Instruction in performing and teaching trumpet and French horn.

**MUSI 1161 - Class Brass II (1)**

Pedagogical and practical study in understanding and teaching brass instruments to students. Instruction in performing and teaching trombone, baritone, and tuba.

**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.

**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.

**MUSI 1168 - Class Woodwind I (1)**

Pedagogical and practical study in understanding and teaching woodwind instruments to students. Instruction in performing and teaching clarinet and saxophone.

**MUSI 1169 - Class Woodwind II (1)**

Pedagogical and practical study in understanding and teaching woodwind instruments to students. Instruction in performing and teaching flute, oboe, and bassoon.

**MUSI 1180 - Church Music Internship (1)**

Church Music ministry experience in a "field service" setting (paid or unpaid). Requirements include field-based observation by church and faculty supervisors. May be repeated for credit.

**MUSI 1199 - Studio Accompanying (1)**

Assignments in applied studio situations. Supervision by piano faculty. May be repeated for credit. Prerequisite: Audition.

**MUSI 1215 - Class Piano I (2)**

A beginning group piano instruction experience. Two semesters of class piano may prepare students for the Applied Music Proficiency Examination in piano. Lab fee.

**MUSI 1216 - Class Piano II (2)**

An intermediate group piano instruction experience. A continuation of MUSI 1215. Prerequisite: MUSI 1215 or permission of instructor. Lab fee.

**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.

**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.

**MUSI 1315 - Beginning Class Piano (3)**

FOR NON-MAJORS ONLY. Beginning group piano instruction for non-music majors. No prior music background is required.

**MUSI 1316 - Intermediate Class Piano (3)**

FOR NON-MAJORS ONLY. Intermediate group piano instruction for non-music majors. Prerequisite: MUSI 1315 or permission of class piano instructor.

**MUSI 1317 - Class Voice (3)**

(For non-majors only) Fundamentals of voice for beginning singers. Group sessions. Music reading ability is not a prerequisite. Lab fee.

**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.

**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.

**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.

**MUSI 2000 - Departmental Barrier Exam (0)**

Test in the format of the ExCET exam covering music theory, music history, and listening skills. Students are required to show mastery at the 71% or higher level.

**MUSI 2120 - Advanced Music Technology (1)**

Advanced, "hands-on" experience in MIDI programming, digital recording, and live sound reinforcement. Lab fee. Prerequisite: MUSI 1120.

**MUSI 2131 - Aural Skills 3 (1)**

Continuation of MUSI 1132. Should be taken concurrently with MUSI 2331. Prerequisite: MUSI 1132 and 1332.

**MUSI 2132 - Aural Skills 4 (1)**

Continuation of MUSI 2131. Should be taken concurrently with MUSI 2332. Prerequisite: MUSI 2131 and 2331.

**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.

**MUSI 2268 - Introduction to Music Education (2)**

A required course for all music education majors, vocal and instrumental emphasis, which provides an overview of the total public school music program. Observation and clinical experiences in public school classrooms and performing groups will be required.

**MUSI 2280 - Introduction to Church Music (2)**

An orientation in the overall area of church music and the ministry through music. A survey of the multi-faceted use of religious music in various settings.



**MUSI 2311 - Composition I (3)**

This course is an introduction to the art and discipline of musical composition. Emphasis is given to the creative processes through original works written for the smaller musical genres. The student is expected to compose several works through the course of the semester with attention being given to melodic and harmonic structures, formal organization, and appropriate instrumentation. Prerequisite: MUSI 1331.

**MUSI 2312 - Composition II (3)**

This course is a continuation in the art and discipline of musical composition. Emphasis is given to the creative processes through original works written for the smaller musical genres. The student is expected to compose several works through the course of the semester with attention being given to melodic and harmonic structures, formal organization, and appropriate instrumentation. Prerequisite: MUSI 2311.

**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 6th chords. Should be taken concurrently with MUSI 2131.

**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.

**MUSI 2002 - String Proficiency Exam (0)****MUSI 2333 - Commercial Music Theory & Improvisational Techniques (3)**

Practical experience in reading and creating chord charts, lead sheets, chord substitutions, reharmonizations, modulations, segues, introductions, and other popular or jazz-oriented improvisational techniques. Should be taken concurrently with MUSI 2132. Prerequisites: MUSI 2131 and 2331.

**MUSI 2005 - Piano Proficiency Exam (0)****MUSI 2352 - Music History I (3)**

A survey of the history, music literature, and compositional techniques and styles from Gregorian chant up through the death of Bach.

**MUSI 3110 - Piano Technology (1)**

The study of parts and mechanism by which the piano functions, minor repair of the piano, and hands-on experience tuning pianos. Prerequisite: MUSI 1332. Majors/minors only.

**MUSI 3150 - Worship Lab (1)**

A laboratory experience in a range of topics related to worship leadership. A weekly class meeting and active participation in worship ministry serve as primary components of this course. Prerequisite: Permission of Instructor.

**MUSI 3180 - Church Music Internship (1)**

Church Music ministry experience in a "field service" setting (paid or unpaid). Requirements include field-based observation by church and faculty supervisors. May be repeated for credit.

**MUSI 3199 - Studio Accompanying (1)**

Assignments in applied studio situations. Supervision by piano faculty. May be repeated for credit. Prerequisite: Audition.

**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.

**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.

**MUSI 3316 - Intermediate Class Piano (3)**

FOR NON-MAJORS ONLY. Intermediate group piano instruction for non-music majors. Prerequisite: MUSI 1315 or permission of class piano instructor. Lab fee.

**MUSI 3317 - Class Voice (3)**

FOR NON-MAJOR ONLY Fundamentals of voice for beginning singers. Group sessions. Music reading ability in not a prerequisite. Lab fee.

**MUSI 3352 - Music History I (3)**

A survey of the history, music literature, and compositional techniques and styles from Gregorian chant up through the 17th century. Prerequisite: Music minors only.

**MUSI 3353 - Music History II (3)**

A survey of the history, music literature, and compositional techniques and styles from the late Baroque to the Present.

**MUSI 3355 - 20th Century Music History & Literature (3)**

An in-depth study of the history, literature, compositional techniques and styles of art music in the 20th Century.

**MUSI 3356 - American Music History & 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.

**MUSI 3357 - Opera History & Literature (3)**

An in-depth study of the history, literature, compositional techniques and styles of opera.

**MUSI 3358 - 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.

**MUSI 3360 - Music for Children (3)**

A study of the basic essentials of music through the activities approach. Song singing, musical movement, playing simple melody and harmony instruments, keyboard experience, and creative expression.

**MUSI 3361 - Elementary Music (3)**

Participation in music experiences for the lower- and upper-grade child. Song singing, dramatization, listening, rhythm instruments, keyboard experience, and creative expression. Prerequisite MUSI 2268 and EDUC 3315.

**MUSI 3362 - Secondary Music (3)**

A required course for the student majoring in music education that will provide the student with the knowledge, skills, and materials which will enable the structuring of musical learning experiences resulting in effective and successful teaching in the middle and high school music classroom. Observation and clinical experience in public school classrooms will be required. Prerequisite: MUSI 2268.

**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.

**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.

**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.

**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.

**MUSI 3375 - Piano Pedagogy I (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.

**MUSI 3376 - Piano Pedagogy II (3)**

A study of instructional materials and literature for intermediate and advanced piano students. Interpretation, technique, and musicianship will be discussed. Observations and supervised teaching of beginning piano students will be required. Regular conference with faculty. Prerequisite: MUSI 3375.

**MUSI 3377 - Vocal Pedagogy I (3)**

A study of the human vocal mechanism and a survey of teaching methods for individual and group voice instruction. Observations required.

**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.

**MUSI 3381 - Congregational Song (3)**

A historical survey of congregational music and Christian hymnody. Prerequisite: MUSI 2280 or permission or instructor.

**MUSI 4006 - TExES Review (0)**

Required of all baccalaureate and post-baccalaureate students seeking All-level music teacher certification in Music. Students must show mastery at 80% level or higher to receive completion credit. Must be taken before student teaching. Fee.

**MUSI 4190 - Independent Study (1)**

A seminar course for a specialized project under faculty supervision. By permission only.

**MUSI 4191 - Seminar (1)**

A study of selected topics in Music. The topic will be announced prior to registration. Prerequisite: Permission of instructor.

**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.

**MUSI 4253 - Piano Literature I (2)**

A comprehensive historical survey of piano music. Program building and examination of published scores are included.

**MUSI 4254 - Piano Literature II (2)**

A continuation of MUSI 4253.

**MUSI 4282 - Contemporary Church Music Trends (2)**

Study of the concepts, materials and resources currently used in Christian worship; examines the use of standard and emerging popular music trends, styles, ensembles, and nomenclature. Prerequisite: MUSI 2280.

**MUSI 4290 - Independent Study (2)**

A seminar course for a specialized project under faculty supervision. By permission only.

**MUSI 4291 - Seminar (2)**

A study of selected topics in Music. The topic will be announced prior to registration. Prerequisite: Permission of instructor.

**MUSI 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: Junior or senior standing or permission of instructor. 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.

**MUSI 4390 - Independent Study (3)**

A seminar course for a specialized project under faculty supervision. By permission only.

**MUSI 4391 - Seminar (3)**

A study of selected topics in Music. The topic will be announced prior to registration. Prerequisite: Permission of instructor.

**MUSI 4490 - Independent Study (4)**

A seminar course for a specialized project under faculty supervision. By permission only.

**MUSI 4491 - Seminar (4)**

A study of selected topics in Music. The topic will be announced prior to registration. Prerequisite: Permission of instructor.

## 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 Department of Music. 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. • Group applied music instruction is offered for beginning students. (See course offerings) Beginning pianists must complete Class Piano I and II or have permission of the instructor before enrolling in applied piano.

- 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 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 Department of Music.
- Applied music tuition and fees are found in the Financial Information section of this catalog.

**MUAP 1100 - Applied Music-Brass (1)****MUAP 1102 - Applied Music-Strings (1)****MUAP 1103 - Applied Music-Guitar (1)****MUAP 1104 - Applied Music-Organ (1)**

**MUAP 1105 - Applied Music-Piano (1)**  
**MUAP 1106 - Applied Music-Percussion (1)**  
**MUAP 1107 - Applied Music-Vocal (1)**  
**MUAP 1108 - Applied Music-Woodwinds (1)**  
**MUAP 1200 - Applied Music-Brass (2)**  
**MUAP 1202 - Applied Music-Strings (2)**  
**MUAP 1203 - Applied Music-Guitar (2)**  
**MUAP 1204 - Applied Music-Organ (2)**  
**MUAP 1205 - Applied Music-Piano (2)**  
**MUAP 1206 - Applied Music-Percussion (2)**  
**MUAP 1207 - Applied Music-Vocal (2)**  
**MUAP 1208 - Applied Music-Woodwinds (2)**  
**MUAP 1300 - Applied Music-Brass (3)**  
**MUAP 1302 - Applied Music-Strings (3)**  
**MUAP 1303 - Applied Music-Guitar (3)**  
**MUAP 1304 - Applied Music-Organ (3)**  
**MUAP 1305 - Applied Music-Piano (3)**  
**MUAP 1306 - Applied Music-Percussion (3)**  
**MUAP 1307 - Applied Music-Vocal (3)**  
**MUAP 1308 - Applied Music-Woodwinds (3)**  
**MUAP 2001 - Brass Proficiency Exam (0)**  
**MUAP 2002 - Strings Proficiency Exam (0)**  
**MUAP 2003 - Guitar Proficiency Exam (0)**  
**MUAP 2004 - Organ Proficiency Exam (0)**  
**MUAP 2005 - Piano Proficiency Exam (0)**  
**MUAP 2006 - Percussion Proficiency Exam (0)**  
**MUAP 2007 - Vocal Proficiency Exam (0)**  
**MUAP 2008 - Woodwinds Proficiency Exam (0)**  
**MUAP 3000 - Level 1 Recital (0)**  
**MUAP 3100 - Applied Music-Brass (1)**  
**MUAP 3102 - Applied Music-Strings (1)**  
**MUAP 3103 - Applied Music-Guitar (1)**  
**MUAP 3104 - Applied Music-Organ (1)**  
**MUAP 3105 - Applied Music-Piano (1)**  
**MUAP 3106 - Applied Music-Percussion (1)**  
**MUAP 3107 - Applied Music-Vocal (1)**

**MUAP 3108 - Applied Music-Woodwinds (1)**  
**MUAP 3109 - Applied Commercial Music- Voice (1)**  
**MUAP 3200 - Applied Music-Brass (2)**  
**MUAP 3202 - Applied Music-Strings (2)**  
**MUAP 3203 - Applied Music-Guitar (2)**  
**MUAP 3204 - Applied Music-Organ (2)**  
**MUAP 3205 - Applied Music-Piano (2)**  
**MUAP 3206 - Applied Music-Percussion (2)**  
**MUAP 3207 - Applied Music-Vocal (2)**  
**MUAP 3208 - Applied Music-Woodwinds (2)**  
**MUAP 3209 - Applied Commercial Music-Voice (2)**  
**MUAP 3300 - Applied Music-Brass (3)**  
**MUAP 3302 - Applied Music-Strings (3)**  
**MUAP 3303 - Applied Music-Guitar (3)**  
**MUAP 3304 - Applied Music-Organ (3)**  
**MUAP 3305 - Applied Music-Piano (3)**  
**MUAP 3306 - Applied Music-Percussion (3)**  
**MUAP 3307 - Applied Music-Vocal (3)**  
**MUAP 3308 - Applied Music-Woodwinds (3)**  
**MUAP 4000 - Level 2 Recital (0)**

### **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 Department of Music at 254-295-4686 or 254-295-4678.

#### **MUEN 1010 - Brass Ensemble (0)**

The UMHB Brass Ensemble preforms chamber music in multiple configurations ranging from trio, quartets, and quintets to a complete Brass Choir. Repertoire for the ensemble ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition or interview with instructor.

#### **MUEN 1015 - Woodwind Ensemble (0)**

The UMHB Woodwind Ensemble performs chamber music in multiple configurations ranging from trios, quartets, and quintets to a complete woodwind choir. Repertoire for the Woodwind Ensemble ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition or interview with instructor.

#### **MUEN 1020 - Worship Band (0)**

The UMHB Worship Band is a laboratory ensemble designed to meet the needs of UMHB's weekly Chapel and area churches. Repertoire for the ensemble covers all music suitable for today's church service. Membership is open to all UMHB students by audition or interview with instructor.

#### **MUEN 1025 - Percussion Ensemble (0)**

The UMHB Percussion Ensemble comprises some of the finest percussion players from campus. Using the best literature, the Percussion Ensemble strives to give each work an interpretation that best represents the com-

poser's intent. Repertoire is selected to expose the performers to a wide range of music languages, as well as a variety of technical, intellectual, and aesthetic challenges, enhancing the development of the student-artist. Parts are rotated from piece to piece, giving many players solo opportunities and all performers a diversity of experiences. Membership is open to all UMHB students by audition and interview with instructor.

#### **MUEN 1030 - Trombone Choir (0)**

The UMHB Trombone Choir performs chamber music in multiple configurations ranging from quartets to a complete Trombone Choir. Repertoire for the ensemble ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition or interview with instructor.

#### **MUEN 1035 - Saxophone Choir (0)**

The UMHB Saxophone Choir performs chamber music in multiple configurations ranging from duos, trios, quartets, and quintets to a complete saxophone choir. Repertoire for the Saxophone Choir ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition or contact with instructor.

#### **MUEN 1040 - Guitar Ensemble (0)**

The study and performance of chamber music for classical guitar in an ensemble setting. Instruction is through weekly group coaching and will include at least one formal performance. Prerequisite: Audition and/or interview with instructor.

#### **MUEN 1089 - Blackshirt Cru Spirit Band (0)**

Instrumental ensemble performing at athletic events, parades, etc. Prerequisite: Audition or interview with instructor.

#### **MUEN 1097 - Opera Cru (0)**

A selected ensemble performing specialized opera, musical theater, and sacred vocal repertoire. May be repeated. Prerequisite: Audition. Corequisite: MUSI 1197 (3197)

#### **MUEN 1184 - University Singers (1)**

Mixed Voice choral ensemble performing standard sacred and secular repertoire. Prerequisite: Audition and interview with instructor. May be repeated for credit.

#### **MUEN 1185 - Women's Chorus (1)**

Female choral ensemble performing the significant sacred & secular repertoire written for women; featuring contemporary and traditional literature. Audition and interview with instructor.

#### **MUEN 1190 - String Ensemble (1)**

Larger instrumental ensemble for string players. May be repeated for credit. Prerequisite: Audition and interview with instructor.

Distribution: Visual and Performing Arts.

#### **MUEN 1191 - Chamber Singers (1)**

A selected ensemble performing specialized choral literature. May be repeated for credit. Prerequisite: Audition and interview with instructor. Corequisite: MUEN 1194 (3194).

#### **MUEN 1192 - One Voice (1)**

A select ensemble performing specialized choral literature. May be repeated for credit. Prerequisite: Audition and interview with instructor. Corequisite: MUEN 1194 (3194).

#### **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.

#### **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.

#### **MUEN 1195 - Piano Ensemble (1)**

Study and practice of two-piano literature for four hands and eight hands. Open to students who have achieved intermediate grade level in piano. May be repeated for credit.

#### **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 and interview with instructor.

#### **MUEN 1198 - Instrumental Jazz Ensemble (1)**

Modern jazz ensemble that performs music of big band jazz, rock and latin styles. Contemporary and traditional literature will be studied. May be repeated for credit. Prerequisite: Audition and interview with instructor.

#### **MUEN 3010 - Brass Ensemble (0)**

The UMHB Brass Ensemble performs chamber music in multiple configurations ranging from trio, quartets, and quintets to a complete Brass Choir. Repertoire for the ensemble ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition and interview with instructor.

#### **MUEN 3015 - Woodwind Ensemble (0)**

The UMHB Woodwind Ensemble performs chamber music in multiple configurations ranging from trios, quartets, and quintets to a complete woodwind choir. Repertoire for the Woodwind Ensemble ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition and interview with instructor.

#### **MUEN 3020 - Worship Band (0)**

The UMHB Worship Band is a laboratory ensemble designed to meet the needs of UMHB's weekly Chapel and area churches. Repertoire for the ensemble covers all music suitable for today's church service. Membership is open to all UMHB students by audition and interview with instructor.

#### **MUEN 3025 - Percussion Ensemble (0)**

The UMHB Percussion Ensemble comprises some of the finest percussion players from campus. Using the best literature, the Percussion Ensemble strives to give each work an interpretation that best represents the composer's intent. Repertoire is selected to expose the performers to a wide range of music languages, as well as a variety of technical, intellectual, and aesthetic challenges, enhancing the development of the student-artist. Parts are rotated from piece to piece, giving many players solo opportunities and all performers a diversity of experiences. Membership is open to all UMHB students by audition and interview with instructor.

#### **MUEN 3030 - Trombone Choir (0)**

The UMHB Trombone Choir performs chamber music in multiple configurations ranging from quartets to a complete Trombone Choir. Repertoire for the ensemble ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition and interview with instructor.

#### **MUEN 3035 - Saxophone Choir (0)**

The UMHB Saxophone Choir performs chamber music in multiple configurations ranging from duos, trios, quartets, and quintets to a complete saxophone choir. Repertoire for the Saxophone Choir ranges from original literature to transcriptions of classical and popular music. Membership is open to all UMHB students by audition and interview with instructor.

#### **MUEN 3040 - Guitar Ensemble (0)**

The study and performance of chamber music for classical guitar in an ensemble setting. Instruction is through weekly group coaching and will include at least one formal performance. Prerequisite: Audition and interview with instructor.

#### **MUEN 3089 - Blackshirt Cru Spirit Band (0)**

Instrumental ensemble performing at athletic events, parades, etc. Prerequisite: Audition and interview with instructor.



**MUEN 3097 - Opera Cru (0)**

A selected ensemble performing specialized opera, musical theater, and sacred vocal repertoire. May be repeated. Prerequisite: Audition. Corequisite: MUSI 1197 (3197)

**MUEN 3184 - University Singers (1)**

Mixed Voice choral ensemble performing standard sacred and secular repertoire. Prerequisite: Audition and interview with instructor. May be repeated for credit.

**MUEN 3185 - Women's Chorus (1)**

Female choral ensemble performing the significant sacred & secular repertoire written for women; featuring contemporary and traditional literature. Prerequisite: Audition and interview with instructor.

**MUEN 3190 - String Ensemble (1)**

Larger instrumental ensemble for string players. May be repeated for credit. Prerequisite: Audition and interview with instructor.

**MUEN 3191 - Chamber Singers (1)**

A select ensemble performing specialized choral literature. May be repeated for credit. Prerequisite: Audition and interview with instructor. Corequisite: MUEN 1194 (3194).

**MUEN 3192 - One Voice (1)**

A select ensemble performing specialized choral literature. May be repeated for credit. Prerequisite: Audition and interview with instructor. Corequisite: MUEN 1194 (3194).

**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.

**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.

**MUEN 3195 - Piano Ensemble (1)**

Study and practice of two-piano literature for four hands and eight hands. Open to students who have achieved intermediate grade level in piano. May be repeated for credit.

**MUEN 3197 - 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 and interview with instructor.

**MUEN 3198 - Instrumental Jazz Ensemble (1)**

Modern jazz ensemble that performs music of big band jazz, rock and latin styles. Contemporary and traditional literature will be studied. May be repeated for credit. Prerequisite: Audition and interview with instructor.

## NURS - Nursing

**NURS 2310 - Foundations of Nursing (3)**

Designed to introduce students to the major constructs of the nursing curriculum: adaptation of person (four dimensions which include biophysical, psychological, social and spiritual) and professional nursing (critical thinking, nursing process, communication, and professional role activities). Simulations and group activities will be utilized to provide students with an opportunity to learn how to use communication, critical thinking, nursing process, and clinical decision making. Another topic included is an introduction to the legal and ethical aspects of nursing. There is an introduction to professionalism with a focus on professional values, including altruism, autonomy, human dignity, integrity, and social justice. Emphasis is placed on foundational content for nursing in medication administration. Students will be expected to demonstrate skill in computing dosage and solution

problems. Eligibility to enroll is determined by the Nursing Admissions Committee. Prerequisite : Completion of 30 semester hours of courses applicable to the nursing degree. Lab fee.

**NURS 2350 - Health Assessment Across Lifespan (3)**

This course focuses on the skills needed to conduct a comprehensive health assessment across the lifespan, including the physical, psychological, spiritual, social, functional and environmental aspects of health. Effective communication, assessment, and documentation will be practiced in a simulated laboratory setting. Emphasis is placed on the health continuum and the client focus includes individuals, families, and populations.

**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.

**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 2460 and 3312. Concurrent enrollment in NURS 3215, 3300, 3320, and 3620.

**NURS 3215 - Ethics in Nursing Practice (2)**

This concept-based course provides students the opportunity to explore moral sensitivity, ethical reflection, analysis, and principles. A foundation for ethical decision-making in clinical practice and policy development within diverse health care systems is established. Prerequisites: NURS 2460 and 3312. Concurrent enrollment in NURS 3210, 3300, 3320, and 3620.

**NURS 3300 - Introduction to Professional Nursing (3)**

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 2460 and 3312. Concurrent enrollment in NURS 3210, 3215, 3320, and 3620.

**NURS 3312 - Health Assessment (3)**

Designed to provide students with the knowledge and skills required to gather information through health history and assessments about an individual's biopsychosocial-spiritual needs. Included are those theories, concepts, and processes related to interviewing to obtain a health history, and for doing a physical examination of adults. Relevant content from developmental theories (particularly aging), health beliefs, and cultural concepts are included which influence health assessment skills. Prerequisites: Eligibility to enroll is determined by the Nursing Admissions Committee. Completion of 45 semester hours of courses applicable to the nursing degree including A&P I and II, and completion of NURS 2310 (or concurrent enrollment). Non-nursing majors must have junior standing (including A&P I and II) with approval of instructor. Lab fee.

**NURS 3313 - Professional Role Development I (3)**

Designed to provide students with additional concepts related to adaptation, including health promotion and maintenance, sociocultural influences on the individual, and on family functioning, family theories, and professional values. Included in the course is an emphasis on health services available to women, infants, and children through federal and state financed health and welfare programs. Also included are concepts related to assertive communication and professional values used in ethical decision making. An emphasis is placed on health teaching, discharge, and referral process. The nursing role in administering and monitoring commonly used groups of pharmacologic agents is also included. Prerequisites: NURS 2310, 3312, Concurrent enrollment in 3610, and 3611 is usual.

**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 2460, 3210, 3215, 3300, 3312, 3320, and 3620. Concurrent enrollment in NURS 3321, 3325, and 3612.

### **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 2460 and 3312. Concurrent enrollment in NURS 3210, 3215, 3300, and 3620.

### **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 2460, 3210, 3215, 3300, 3312, 3320, and 3620. Concurrent enrollment in NURS 3315, 3325, and 3612.

### **NURS 3325 - Evidence-Based Practice in Nursing (3)**

The purpose of this concept-based course is 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 2460, 3210, 3215, 3300, 3312, 3320, and 3620. Concurrent enrollment in NURS 3315, 3321, and 3621.

### **NURS 3340 - Nurse Intern I (3)**

This course will provide students the opportunity to increase their knowledge, skills, and abilities in the management of patient care with a focus on care of the medical-surgical patient.

### **NURS 3341 - Nurse Intern II (3)**

This course will provide students the opportunity to increase their knowledge, skills, and abilities in the management of patient care with a focus on care of the patient requiring care in a specialty unit.

### **NURS 3610 - Nursing of Adults I (6)**

A clinical nursing course designed to acquaint students with concepts and processes of nursing in providing care to adults with adaptive bio-psycho-social-spiritual needs related to hygiene, comfort, safety, activity-exercise (mobility), oxygenation, nutrition-metabolic, ingestion-digestion, alterations in reproduction, auditory and visual dysfunctions, and alterations in elimination. Included in this course are related pharmacologic and nutritional nursing interventions as well as application of nursing health assessment concepts and skills. Concepts emphasized are restoration, maintenance, and rehabilitation of adults with selected health needs presented in this course. Students are provided with learning opportunities to develop nursing roles and skills based on professional values and standards that are appropriate to meeting adult client needs. Lab fee. Prerequisites: All non-nursing courses listed under Admission to the Program and NURS 2310 and NURS 3312 and 3611 is usual. Lab fee.

### **NURS 3611 - Nursing of Adults II (6)**

A clinical nursing course designed to acquaint student with concepts and processes of nursing in providing care to adults with adaptive bio-psycho-social-spiritual needs related to fluids and electrolytes, pharmacologic and surgical interventions, alterations in regulation, cellular proliferation, grief, dying, and death. Included in this course are related pharmacologic and nutritional nursing interventions. Concepts emphasized are restoration, maintenance, and rehabilitation of adults with selected health needs presented in this course. Students are provided with learning opportunities to develop nursing roles and skills based on professional values and standards that are appropriate to meeting adult client needs. Lab fee. Prerequisites: All non-nursing courses listed under Admission to the Program and NURS 2310 and NURS 3312. Concurrent enrollment in NURS 3313 and 3610 is usual. Lab fee.

### **NURS 3612 - Maternal and Neonatal Nursing (6)**

A clinical nursing course designed to provide students with concepts and processes in nursing that are related to the client/family adaptive needs during the childbearing years. Emphasized are the bio-psycho-social-spiritual needs of parents/fetus-neonate in both normal and high risk conditions. Included are concepts related to antepartal, intrapartal, and postpartal periods. Pharmacologic and nutritional concepts are used in the application to these clients. Students are provided with learning experiences to develop nursing roles and skills based on professional values and standards that are appropriate to meeting maternal and neonatal client needs. Lab fee. Prerequisites: NURS 2310, 3312, 3313, 3610, and 3611. Concurrent enrollment in NURS 3614. Lab fee.

### **NURS 3614 - Nursing of Children (6)**

A clinical nursing course designed to provide students with concepts and processes in nursing that are related to the client/family adaptive needs during the childrearing years. Emphasized are the bio-psycho-social-spiritual needs of family and child in each developmental stage. Pharmacologic and nutritional needs unique to children are included. Also included are medical and surgical alterations common to children. Students are provided with learning experiences to develop nursing roles and skills based on professional values and standards appropriate to meeting child client needs. Lab fee. Prerequisites: NURS 2310, 3312, 3610, 3313, and 3611. Concurrent enrollment in NURS 3612. Lab fee.

### **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 2460 and 3312. Concurrent enrollment in NURS 3210, 3215, 3300, and 3320.

### **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 2460, 3210, 3215, 3300, 3312, 3320, and 3620. Concurrent enrollment in NURS 3315, 3321, and 3325.

### **NURS 4000 - NCLEX Readiness and Comprehensive Exam (0)**

Students must demonstrate readiness for the NCLEX exam by achieving a satisfactory score on one of the four exit exams taken during the students last semester. The four comprehensive exit examinations (Kaplan Readiness, Kaplan Diagnostic, Kaplan Predictor I and II) 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 college of nursing. The course will be offered each semester including May minimester and summer I and summer II.

### **NURS 4190 - Independent Learning (1)**

Supervised study of nursing problems in specialized areas based on individual needs. Prerequisites: Junior (second semester) and permission of the Dean.

### **NURS 4191 - Seminar (1)**

Prerequisites: Consent of instructor and faculty advisor.

### **NURS 4200 - Nursing Capstone (2)**

The Nursing Capstone Course is a culminating experience in which students are expected to synthesize concepts and processes studied through a liberal arts foundation and the nursing curriculum. Through integration of knowledge, skills and experiential learning, students will demonstrate critical thinking, effective communication, clinical competence, scholarly work and professionalism appropriate for entry level BSN practice.



**NURS 4230 - Contemporary Issues (2)**

This seminar course will identify and explore current trends and issues related to health care in the United States. Prerequisites: NURS 2460, 3210, 3215, 3300, 3312, 3315, 3320, 3321, 3325 and 3620. Concurrent enrollment in NURS 4310 and 4620.

**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 2350, 2460, 3300, 3210, 3620, 3215, 3320, 3325, 3621, 3321. Co-requisites: Concurrent enrollment in NURS 4310, 4410, and 4620 is expected for the traditional student.

**NURS 4290 - Independent Learning (2)**

Supervised study of nursing problems in specialized areas based on individual needs. Prerequisites: Junior (second semester) and permission of the Dean.

**NURS 4291 - Seminar (2)**

Prerequisites: Consent of instructor and faculty advisor.

**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. Pre-requisites: NURS 2350, 2460, 3300, 3210, 3620, 3215, 3315, 3320, 3325, 3621, 3321. Co-requisites: NURS 4620, 4410.

**NURS 4312 - Nursing Research (3)**

Designed to acquaint students with the research process in nursing. Emphasized are basic research concepts such as problem identification, methodologies, designs, data presentation and analysis, interpretations, and conclusions. Also considered are the ethical and legal implications of doing research. Emphasis is given to the critique of research studies to determine their validity and adequacy. Prerequisites: NURS 2310, 3312, 3610, 3611, 3313, 3612, and 3614 (or their equivalents); plus a statistics course. Concurrent enrollment in NURS 4610 and 4614 is usually expected for the traditional student.

**NURS 4313 - Professional Role Development II (3)**

Designed to provide students with learning opportunities related to the individual practitioner, regulatory processes, juris-prudence, political processes, ethics and professional values. Emphasis is given to the Texas Nursing Practice Act. Issues/trends related to professionalism and practice may vary depending on current concerns. Prerequisites: NURS 2310, 3312, 3610, 3611, 3612, 3614, 3313, 4610, 4614, and 4312. Concurrent enrollment in 4516 and 4518 is usually expected for the traditional student. Lab fee.

**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 2350, 2460, 3300, 3210, 3620, 3215, 3315, 3320, 3325, 3621, 3321, 4620, 4310, 4410. Co-requisites: NURS 4230, 4700, 4000

**NURS 4390 - Independent Learning (3)**

Supervised study of nursing problems in specialized areas based on individual needs. Prerequisites: Junior (second semester) and permission of the Dean.

**NURS 4391 - Seminar (3)**

Prerequisites: Consent of instructor and faculty advisor.

**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 2350, 2460, 3300, 3210, 3620, 3215, 3315, 3320, 3325, 3621, 3321. Co-requisites: NURS 4620, 4310.

**NURS 4417 - Role Transition RN to BSN (4)**

This course is designed for the RN student who is seeking a baccalaureate degree in nursing. The focus of this course is on the transition to role of the professional nursing practice and professional growth built upon prior learning and clinical experience.

**NURS 4490 - Independent Learning (4)**

Supervised study of nursing problems in specialized areas based on individual needs. Prerequisites: Junior (second semester) and permission of the Dean.

**NURS 4491 - Seminar (4)**

Prerequisites: Consent of instructor and faculty advisor.

**NURS 4516 - Nursing in the Community (5)**

A clinical nursing course designed to provide students with learning opportunities related to providing nursing care to individuals, families and populations in a community setting. Populations considered in this course may include any client across the lifespan. Concepts/processes emphasized are community and population based care, global health perspectives, epidemiology, communicable diseases, vulnerable populations, health promotion and health teaching and collaboration. Emphasis is also placed on diverse nursing roles in the community setting. Additionally, research findings pertinent to the care of these groups of clients are considered. Students are provided with learning experiences to develop nursing roles and skills based on professional standards and values that are appropriate to meeting health needs of clients/families/communities.

**NURS 4518 - Leadership/Management (5)**

A clinical nursing course designed to provide students with learning opportunities related to further developing leadership/management skills in the delivery of nursing care in a variety of health delivery systems. Opportunities are given for students to plan and implement nursing care for groups of clients integrating nursing clinical models, while managing nursing personnel and resources. Emphasized are theories and concepts of change, the use of research findings, management, evaluation, critical thinking, decision-making, leadership, strategic planning, economics, and organizational structure. Also emphasized is the ability to apply concepts related to client care needs, interpersonal relationships, communication theory, and clinical decision making. Students are provided with learning experiences to develop nursing roles and skills based on professional standards and values that are appropriate to meeting groups of clients' health needs. Prerequisites: NURS 2310, 3312, 3610, 3611, 3612, 3614, 3313, 4312, 4610, and 4614. Concurrent enrollment in NURS 4313 and NURS 4616 is usual for the traditional student. Lab fee.

**NURS 4590 - Independent Learning (5)**

Supervised study of nursing problems in specialized areas based on individual needs. Prerequisites: Junior (second semester) and permission of the Dean.

**NURS 4610 - Mental Health Nursing (6)**

A clinical nursing course designed to provide students with concepts and processes in nursing that are related to the bio-psycho-social-spiritual needs of clients/families with adaptive stressors affecting their mental health. Emphasized are alterations in adaptation due to stress; anxiety, crisis; and adjustment, developmental, psychotic, organic, and substance abuse disorders. Also emphasized are preventive health measures and other care standards based on research findings which are designed to maintain the mental health clients/families. Pharmacologic, nutritional, ethical, and legal aspects involved in the care of mental health clients are also included. Students are provided with learning experiences to develop nursing roles

and skills based on professional standards and values that are appropriate to meeting needs of clients/families with mental health needs. Lab fee. Prerequisites: NURS 2310, 3312, 3610, 3611, 3612, 3614, and 3313 (or their equivalents). Concurrent enrollment in NURS 4312 and 4614 is expected of the traditional student. Lab fee.

#### **NURS 4613 - Role of BSN in Evidenced Based (6)**

The student will examine physiological and psychological adaptation to responses and interventions to address these using evidenced based practice. The course includes a clinical component.

#### **NURS 4614 - Nursing of the Critically Ill (6)**

A clinical nursing course designed to provide students with concepts and processes in nursing that are related to the bio-psycho-social-spiritual needs of clients/families facing a critical illness episode. The nursing care of clients with acute physiological crises related to oxygenation, circulation, neurological alterations, and renal failure is emphasized. Standards of care based on research findings are considered. Included in this are legal and ethical considerations, family assessment, and support during these crises. Both nutritional and pharmacological considerations are included which may be age or condition related. Students are provided with learning experiences to develop nursing roles and skills based on professional standards and values that are appropriate to meeting needs of clients/families health needs facing a critical illness. Lab fee. Prerequisites: NURS 2310, 3312, 3610, 3611, 3612, 3614, and 3313 (or their equivalents). Concurrent enrollment in 4312 and 4610 is expected for the traditional student. Lab fee.

#### **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. Pre-requisites: NURS 2350, 2460, 3300, 3210, 3620, 3215, 3315, 3320, 3325, 3621, 3321. Co-requisites: 4310, 4410.

#### **NURS 4690 - Independent Learning (6)**

Supervised study of nursing problems in specialized areas based on individual needs. Prerequisites: Junior (second semester) and permission of the Dean.

#### **NURS 4691 - Seminar (6)**

Prerequisites: Consent of instructor and faculty advisor.

#### **NURS 4700 - Capstone (7)**

This course is a culminating experience in which students are expected to synthesize concepts and processes studied through a liberal arts foundation and the nursing curriculum. Through integration of knowledge, skills and experiential learning, students will demonstrate critical thinking, effective communication, clinical competence, scholarly work and professionalism appropriate for entry level BSN practice. Pre-requisites: NURS 2350, 2460, 3300, 3210, 3620, 3215, 3315, 3320, 3325, 3621, 3321, 4620, 4310, 4410. Co-requisites: NURS 4230, 4330, 4000

### **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.

#### **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.

#### **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.

#### **PHIL 3320 - 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.

#### **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

#### **PHIL 3330 - Ancient and Medieval Philosophy (3)**

A historical survey of western philosophical thought from the ancient classical period through the high middle ages. Prerequisite: PHIL 2315.

#### **PHIL 4303 - World Views (3)**

This course is an examination of a variety of perspectives on reality in today's pluralistic world. This course begins with a statement of the biblical world view and its influence on Western civilization. Naturalism, Secular Humanism, Eastern Mysticism, the New Age Movement, and Post modernism are contrasted with the biblical view. The course is designed to emphasize the merits of the biblical view and to facilitate dialogue with other perspectives. (Same as CSTH 4303) Prerequisites: CSBS 1311 and CSBS 1312.

#### **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

#### **PHIL 4330 - Revelation and Reason (3)**

This course is a historical and contemporary study of issues relating to human knowledge of God including natural and special revelation. Particular attention is given to the issues of the relationship of revelation and reason and to the nature and role of the Bible in revelation: inspiration, authority, inerrancy, and interpretation. Prerequisites: CSBS 1311, CSBS 1312, PHIL 2315 or CSTH 2316.

### **PHSC - Physical Science**

#### **PHSC 2120 - Physical Science Laboratory (1)**

A laboratory study in physical science techniques and analysis of physical science concepts in the disciplines of physics and chemistry. Laboratory fee. Prerequisite: MATH 1306 or higher

#### **PHSC 2140 - Earth Science Laboratory (1)**

A study of minerals, rocks, fossils, topographic map and geologic maps, and astronomical, oceanographic and meteorological objects and phenomena. Laboratory Fee.

#### **PHSC 2320 - Physical Science (3)**

Presents the ideas, methods, and significance of the physical sciences by concentration on selected topics from physics and chemistry. Prerequisite: MATH 1306 or higher

#### **PHSC 2340 - Earth Science (3)**

Study of the fundamental principles and procedures of physical and historical geology, oceanography, meteorology, and astronomy.

### **PHYS - Physics**

#### **PPHYS 2411 - General Physics I (4)**

Principles of mechanics and heat. Corequisite: Math 1320. Lab fee.

**PHYS 2412 - General Physics II (4)**

Principles of sounds, light, electricity, magnetism, and modern Physics. Corequisite: MATH 1320 and PHYS 2411 with a grade of "C" or higher. Lab fee.

**PHYS 2421 - Physics I with Calculus (4)**

Principles of mechanics and heat developed with a calculus perspective. Corequisite: MATH 1330. Lab fee.

**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.

**PHYS 3301 - Descriptive Astronomy (3)**

A study of the solar and stellar systems. Offered at night.

**PHYS 3302 - Physical Aspects of General Science (3)**

A survey course in various aspects and applications of topics in Physics to supplement the basic required courses for the preparation of teachers of general science at secondary and middle school levels.

## POLS - Political Science

**POLS 2310 - State and Federal Government I (3)**

A study of the federal and state constitutions and governments with emphasis on civil rights and liberties, elections, political parties, and interest groups. Meets the requirements for Texas teacher certification.

**POLS 2311 - State and Federal Government II (3)**

A study of the federal and state constitutions and governments with emphasis on governmental structures, processes, and policy making. Meets the requirements for Texas teacher certification.

**POLS 2315 - Comparative Political Systems (3)**

Comparative study of the political and governmental systems of various states; emphasis on understanding different types of political systems and their institutions through close study of specific case study states from regions across the world.

**POLS 2320 - Topics and Methods of Political Science (3)**

An introduction for political science majors and minors and those considering the field, to the methods, specialized language and topics covered by political science, including an examination of its four sub-disciplines: comparative politics, international relations, American government and political theory.

**POLS 3317 - International Organizations (3)**

History, development, mission and current operations of selected international, regional and non-governmental organizations; special emphasis on the role of the United Nations in the international interactions of states and non-state actors. Prerequisites: POLS 2320 and POLS 2315.

**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. Prerequisite: POLS 2310 or 2311 or instructor's consent.

**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 relation of the legislative to the executive and judicial branches. Prerequisite: POLS 2310 or 2311 or instructor's consent.

**POLS 3329 - Political Parties (3)**

A study of the development, nature, and problems of political parties, including their organizations, operations, and functions. Prerequisite: POLS 2320 or instructor's consent.

**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) Prerequisite: POLS 2320 and 2315 or instructor's consent.

**POLS 4090 - Political Science Capstone (0)**

Students majoring in Political Science must complete the Political Science Capstone examination prior to graduation. Prerequisite: Senior Standing.

**POLS 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 Political Science major or minor. Prerequisites: Junior standing and at a least a 3.0 GPA.

**POLS 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 Political Science major or minor. Prerequisites: Junior standing and at a least a 3.0 GPA.

**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) Prerequisite: POLS 2310 or 2311 or instructor's consent.

**POLS 4312 - Constitutional Government and Law in the US II (3)**

A continuation of POLS 4311, with emphasis placed on U.S. Supreme Court decisions concerning civil rights and civil liberties. (Same as HIST 4312) Prerequisite: POLS 2310 or 2311 or instructor's consent.

**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 2310 or 2311, or instructor's consent.

**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) Prerequisite: POLS 2310 or 2311, or instructor's consent.

**POLS 4316 - International Relations (3)**

A study of the relations among sovereign states and the system within which they operate, with special emphasis on the causes of war, security and peace, human rights and political economy. (Same as HIST 4391.02) Prerequisite: POLS 2315 and POLS 2320 or instructor's consent.

**POLS 4317 - Political Geography (3)**

A study of the geographical factors that affect Texas, national, and world politics. Special emphasis is placed on demography; geography and conflict; landscape and the geography of culture; the geography of religion and politics; spatial dimensions of industrialization, urbanization, and economic development; and environmental pressures and politics. Prerequisite: POLS 1315 or instructor's consent.

**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 the present era, with special attention to the political effects of this progression. Includes a consideration of specific state and non-state actors within the current international political economic system to investigate their political and political linkages. (Same as BECO 4370) Prerequisite: POLS 2315 and POLS 2320, or instructor's consent.

**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) Prerequisite: HIST 2311, or 2312, or instructor's consent.

**POLS 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 Political Science major or minor. Prerequisites: Junior standing and at least a 3.0 GPA.

## 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.

**PSYC 2101 - Professions in Clinical 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 those choosing the clinical track. This course should be taken before PSYC 2323 or concurrently with PSYC 2323.

**PSYC 2102 - Introduction to Psychological Research (1)**

An introduction to thinking scientifically about psychology. Students will learn to identify research ideas, develop literature reviews and proposals, and present findings clearly using statistics and graphs. Required for those choosing the experimental/generalist track. This course should be taken before PSYC 2323 or concurrently with PSYC 2323.

**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. No prerequisites; taught with PSYC 2101 or PSYC 2102.

**PSYC 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 at least a "C" or better in MATH 1306 or higher.

**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.

**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.

**PSYC 2314 - Psychological Methods (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.

**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. The basics of biological processes, neural anatomy, physiology, and psychophysics will be covered. Prerequisite(s): PSYC 1301, PSYC 3333, or concurrent enrollment in PSYC 3333, or consent of instructor.

**PSYC 3315 - Abnormal Psychology (3)**

An introduction to the symptomatology and etiology of behavioral, emotional, and mental disorders, with consideration of modern therapeutic approaches. Prerequisite: Sophomore standing

**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; includes developmental issues confronting children and adolescents as well as examines problems and concerns unique to persons in this age group. Prerequisite: Sophomore standing

**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. Prerequisite: Sophomore standing

**PSYC 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

**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. Prerequisite: Sophomore standing

**PSYC 3323 - 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. Prerequisite: Sophomore standing

**PSYC 3331 - Neurophysiological Psychology (3)**

An introduction to neuroanatomy and brain functioning. This course is an examination of brain-behavior relationships and provides a thorough understanding of cognitive disorders. Prerequisite: Sophomore standing



**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. Prerequisite: Sophomore standing

**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. Prerequisite: Sophomore standing

**PSYC 4090 - Senior Evaluation (0)**

Students majoring in psychology must complete the psychology achievement examination prior to graduation. Fee of \$25.

**PSYC 4311 - Theories of Learning (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.

**PSYC 4312 - Psychology of 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.

**PSYC 4316 - 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.

Prerequisite: PSYC 1301 and 2316, junior standing, or instructor approval. Lab fee.

**PSYC 4318 - Advanced Experimental Design (3)**

Intensive study of the methods of experimental design and data analysis including analysis of variance for fixed, mixed, and random models, analysis of covariance, repeated measures designs, general linear model, multiple linear regression, nonparametric methods, nonlinear models, and theories of measurement. Prerequisite: PSYC 4316, Junior standing or instructor approval.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**PSYC 4370 - The Criminal Personality (3)**

This course focuses on an in-depth study of the thinking and behavioral patterns of confirmed, hardened, career criminals. Topics include theories of criminality; research methodologies; lifestyle characteristics and “errors in thinking” of criminal youth and adults; substance abuse and criminality; and the parameters of effective treatment and re-education of confirmed criminals in a comprehensive program of definitive change.

Prerequisite: PSYC 1301, junior standing, or instructor approval.

**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.

**READ - Reading****READ 3307 - Literature for the Contemporary 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 genre are required. Other areas addressed include writing in a variety of forms and modes for various purposes and audiences, implementing the writing process, integrating technology, applying critical thinking skills, applying English writing conventions, and viewing and representing through media literacy.

**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 through grade two. Using a balanced approach, reading, writing, and oral language skills are taught as developmental processes. 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, word analysis and decoding, reading comprehension, and reading fluency, as well as principles for creating a literacy-rich classroom environment and strategies for promoting life-long readers.

**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.

**READ 3624 - Reading & Language in the Elementary School (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.

**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. Pre-service teachers obtain knowledge and apply strategies that include structure of expository texts, development of vocabulary, word identification, reading fluency, and comprehension of text. Attention is given to writing as a learning tool in various content areas. Students examine and develop assessments which cover a variety of formats to fit various content areas. A connection between language arts and other content areas is emphasized. Prerequisite: successful completion of EDUC 3315, as well as meet the standards in the departmental interview and the Basic Skills Requirements.

**READ 4328 - Diagnostic and Corrective Reading (3)**

This course focuses on commonly used assessment approaches and instruments used on elementary school campuses. The course includes information about the practice with the Texas Primary Reading Inventory, running records, miscue analysis, and the use of data to group students and make decisions about group instructional design. Instruction targets reading standards specific to the understanding of phonemic awareness, the alphabetic principle, literacy development and practice, word analysis, decoding, fluency, and comprehension. Students work with small groups of public school students for one hour per week at the UMHB Reading Camp.

**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 of the ROTC program, its purpose in the Army, and its advantages for the student. Prerequisite: Approval of the instructor is required.

**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.

**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.

**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.

**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.

**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.

**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.

### **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.

## **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.

### **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.

### **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.

### **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.

### **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.

## **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.

### **SOCI 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 at least a “C” or better in MATH 1306 or higher.

### **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.

### **SOCI 2311 - Social Welfare (3)**

An overview of the field of Social Welfare which includes a study of the historical and the philosophical base which has brought about the action-oriented profession known as Social Work. (Same as SOCW 2311)

### **SOCI 2313 - Family and Child Welfare (3)**

An overview of problems encountered by children and families with an emphasis on community services designed to alleviate those problems. (Same as SOCW 2313)

### **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)

### **SOCI 3312 - Marriage and Family (3)**

A study of a basic social institution with an emphasis on its background and various cultural forms and functions.

### **SOCI 3315 - The Community (3)**

An analysis of the structure and function of community organization as it relates to both rural and urban communities. Prerequisite: SOCI 1311.

### **SOCI 3317 - American Ethnic Relations (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)

### **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. (Same as CRIJ 3318)

### **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)

### **SOCI 3330 - Sociology of Gender (3)**

A societal level study of gender relationships, interactions, and circumstances. Emphasis will be placed on understanding each other and exploring problems related to gender. Prerequisite: SOCI 1311.

### **SOCI 4090 - Senior Examination (0)**

Students majoring in Sociology must complete the sociology achievement examination prior to graduation.

### **SOCI 4312 - Population Studies (3)**

The course is designed to familiarize the student with basic demographic concepts and techniques. It emphasizes the impact of population characteristics on other aspects of social life. Prerequisite: SOCI 1311.

### **SOCI 4313 - Gerontology (3)**

A course designed to acquaint the student with the normal aging process, as well as with the social and psychological problems related to that process. Intervention techniques are emphasized. Prerequisite: SOCI 1311. (Same as SOCW 4313)

**SOCI 4315 - Death and Dying (3)**

An introduction to the sociological and psychological aspects of death and dying within the American cultural milieu. Emphasis is on self awareness regarding attitudes about death and on therapeutic interventions. Prerequisite: Sophomore standing or above.

**SOCI 4316 - The Family (3)**

An anthropological survey of various forms and functions of the cross-cultural family. Prerequisite: SOCI 1311.

**SOCI 4317 - Criminology (3)**

An overview of crime in America, various theories concerning causes of crime, and the criminal justice system. (Same as CRJ 4317)

**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.

**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).

## 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.

**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. (Same as SOCI 2311)

**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.

**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. (Same as SOCI 2313)

**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.

**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.

**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/SOCI 2311.

**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.

**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)

**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.

**SOCW 4090 - Senior Examination (0)**

Students majoring in Social Work must complete the program's achievement examination prior to graduation.

**SOCW 4311 - Senior Seminar in Social Work (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 4411. Corequisite: SOCW 4512.

**SOCW 4312 - Social Work Research I (3)**

4312 Social Work Research I 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.

**SOCW 4313 - Gerontology (3)**

A course designed to acquaint the student with the normal aging process, as well as with the social and psychological problems related to that process. Intervention techniques are emphasized. Prerequisite: SOCI 1311. (Same as SOCI 4313)

**SOCW 4315 - Death and Dying (3)**

An introduction to the sociological and psychological aspects of death and dying within the American cultural milieu. Emphasis is on self-awareness regarding attitudes about death and on therapeutic intervention. Prerequisite: Sophomore standing or above. (Same as SOCI 4315)

**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.

**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.

**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.

**SOCW 4512 - Social Work Practicum II (5)**

A continuation of supervised Social Work practice in a local social service agency within creating 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 4411. Corequisite: SOCW 4311.

**SPAN - Spanish****SPAN 1410 - Spanish I (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.

**SPAN 1415 - Spanish for Missions I (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.

**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.

**SPAN 1425 - Spanish for Missions 2 (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.

**SPAN 1430 - Spanish for Business (3-2) (4)**

Designed for business students and substitutes for SPAN 1420. Emphasis on business vocabulary, grammar, writing and oral proficiency and topics of interest related to international business in Spanish speaking countries. Prerequisite: SPAN 1410 or an appropriate placement score. Lab fee required.

**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 or placement examination.

**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.

**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.

**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 major or 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.

**SPAN 3330 - Advanced Oral Communication (3)**

Intensive development of oral proficiency through drills, oral reports, and discussion of short literary texts. Prerequisite: SPAN 2320.

**SPAN 3340 - Advanced Composition and Stylistics (3)**

Intensive development of writing skills and awareness of style and correctness through guided compositions. Prerequisite: SPAN 2320

**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.

**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.

**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.

**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.

**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 SPAN 3370. Prerequisite: SPAN 2320 or the equivalent.

**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.

**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.

**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.

**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.

**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.

**SPAN 4375 - Spanish Capstone (3)**

This course provides senior Spanish major 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.

## THEA - Theatre

**TTHEA 1130 - Drama Activity (1)**

Participation in the production of plays, in acting, or on various crews (scene-building, painting, properties, lighting, make-up, or publicity). Students may register for one to four hours of credit. May be repeated for credit.

**THEA 1230 - Drama Activity (2)**

Participation in the production of plays, in acting, or on various crews (scene-building, painting, properties, lighting, make-up, or publicity). Students may register for one to four hours of credit. May be repeated for credit.

**THEA 1330 - Drama Activity (3)**

Participation in the production of plays, in acting, or on various crews (scene-building, painting, properties, lighting, make-up, or publicity). Students may register for one to four hours of credit. May be repeated for credit.

**THEA 1430 - Drama Activity (4)**

Participation in the production of plays, in acting, or on various crews (scene-building, painting, properties, lighting, make-up, or publicity). Students may register for one to four hours of credit. May be repeated for credit.

**THEA 2350 - Introduction to the Theatre (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.

**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.

**THEA 3100 - Dramatic Production (1)**

Work on all aspects of major productions by the UMHB play producing organization. Membership in the producing group is required and acceptance of any and all assignments in connection with a produced play is mandatory. Students may register for one to four hours of credit. May be repeated for credit.

**THEA 3200 - Dramatic Production (2)**

Work on all aspects of major productions by the UMHB play producing organization. Membership in the producing group is required and acceptance of any and all assignments in connection with a produced play is mandatory. Students may register for one to four hours of credit. May be repeated for credit.

**THEA 3300 - Dramatic Production (3)**

Work on all aspects of major productions by the UMHB play producing organization. Membership in the producing group is required and acceptance of any and all assignments in connection with a produced play is mandatory. Students may register for one to four hours of credit. May be repeated for credit.

**THEA 3310 - Beginning Acting (3)**

Study of the fundamentals of interpreting character and the technique of stage movement. Practical experience in 10-minute scenes performed in a laboratory situation.

**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.

**THEA 3400 - Dramatic Production (4)**

Work on all aspects of major productions by the UMHB play producing organization. Membership in the producing group is required and acceptance of any and all assignments in connection with a produced play is mandatory. Students may register for one to four hours of credit. May be repeated for credit.

**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.

**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.

**THEA 4391 - Seminar (3)**

A study of selected topics in Theater. The topic will be announced prior to registration.

**THEA 4395 - Internship in Theatre (3)**

Students are mentored by professionals in performance organizations for at least nine hours per week (paid or unpaid internship). The intern is to observe, first-hand, day-to-day functions and operations of the organization and given meaningful projects to perform. These duties are to be negotiated among the mentor, UMHB faculty, and intern. The intern's performance is to be evaluated by the mentor and UMHB faculty at the end of the internship. The intern will keep a daily log with simple one-or two-line entries that identify daily tasks, accomplishments, hours worked, and any problems encountered.

## 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.

**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 - Freshman 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.

**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.

**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.

**WRIT - Writing****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 two 2000-level English courses.

**WRIT 3342 - Advanced Grammar (3)**

A study of modern English grammar with emphasis on its origin, syntax, morphology, usage, and current misuse. Prerequisites: ENGL 1321, 1322, and two 2000-level English courses.

**WRIT 3343 - 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.

**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. This course fulfills a Writing Emphasis (WE) requirement. Prerequisites: grade of C or better in ENGL 1321 and ENGL 1322.

**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.

**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 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.

**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: ENGL 1321, 1322, and two 2000-level English courses.

**WRIT 4344 - 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 two 2000-level English courses.

**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 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.

**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 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.

# GRADUATE PROGRAMS

For information pertaining to graduate programs, refer to the graduate catalog. You may also contact the Graduate School directly at (254) 295-4020.

## **Graduate Programs in Business**

(254) 295-4644,  
collegeofbusiness@umhb.edu

Master of Business Administration (M.B.A.)  
Combined B.B.A./M.B.A.  
Accounting  
Information Systems Management  
International Business  
Management  
Master of Science in Information Systems (M.S.I.S.)

## **Graduate Programs in Counseling**

(254) 295-5425,  
ehuffman@umhb.edu

Master of Arts (M.A.)  
Clinical Mental Health Counseling  
Marriage, Family, and Child Counseling  
Non-Clinical Professional Studies

## **Graduate Programs in Education**

(254) 295-4572,  
collegeofeducation@umhb.edu

Doctor of Education (Ed.D.)  
P-12 (with superintendent certification)  
Higher Education  
Leadership in Nursing Education  
Master of Education (M.Ed.)  
Educational Administration (with principal certification)  
Curriculum and Instruction  
Master of Science in Education (M.S.Ed.)  
Sport Administration  
Master of Science (M.S.)  
Exercise Physiology

## **Graduate Programs in Nursing**

(254) 295-4662,  
collegeofnursing@umhb.edu

Doctor of Nursing Practitioner (D.N.P.)  
  
Master of Science in Nursing (M.S.N.)  
  
Nursing Education  
  
Family Nurse Practitioner

## **Doctorate in Physical Therapy**

(254) 295-4921,  
bgresham@umhb.edu

Doctor of Physical Therapy (D.P.T.)





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9 Moon Building  
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## Athletic

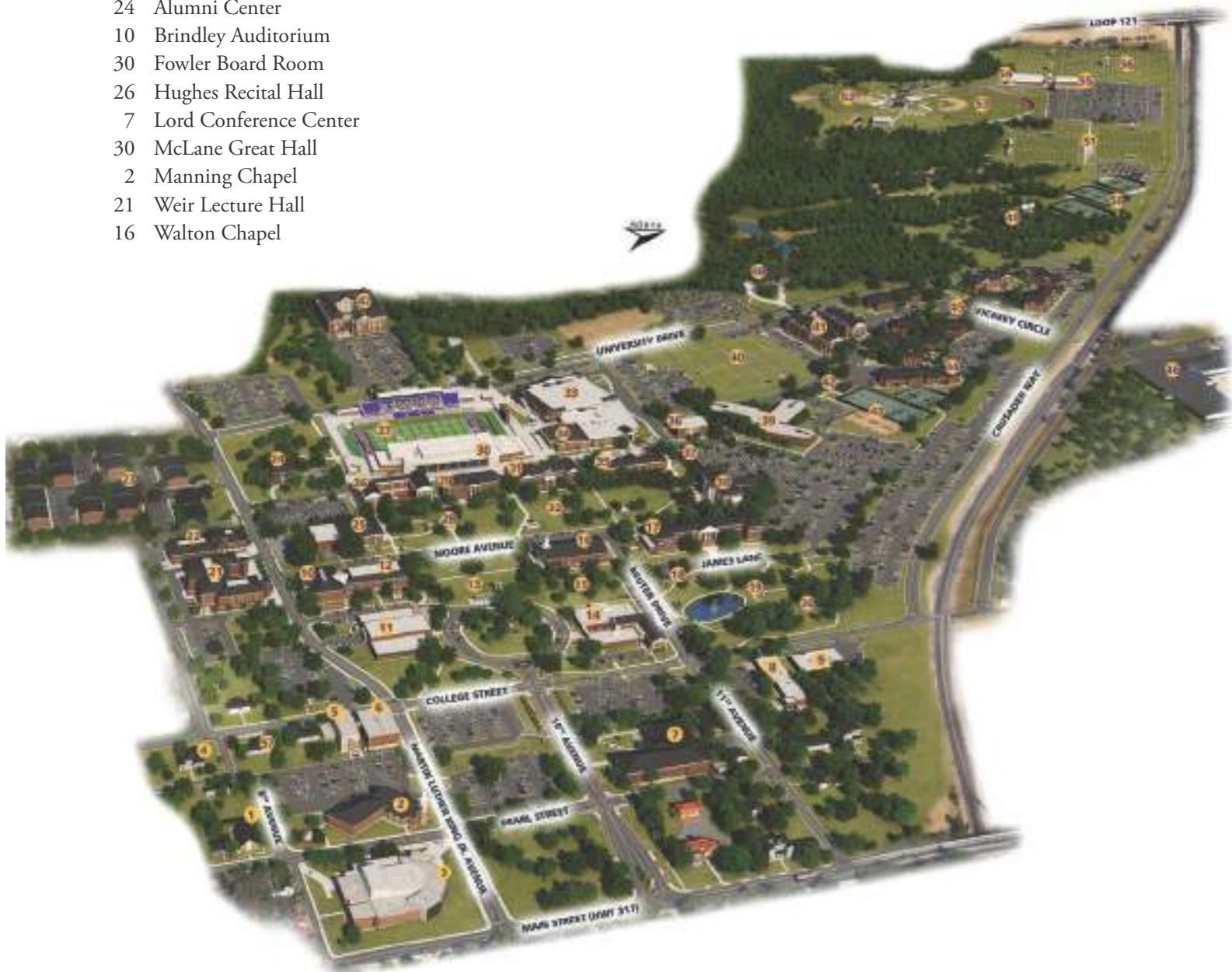
- 54 Andersen Field House
- 27 Crusader Stadium
- 55 Cummins Field House
- 52 Dee Dillon Softball Field
- 56 Football Practice Fields
- 50 Li Tennis Courts
- 34 Mabee-Farris Recreation Gymnasium
- 33 Mayborn Campus Center
- 49 Outdoor Adventure/Recreation
- 43 Recreation Courts
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- 51 Soccer Fields

## Conference Rooms

- 24 Alumni Center
- 10 Brindley Auditorium
- 30 Fowler Board Room
- 26 Hughes Recital Hall
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- 30 McLane Great Hall
- 2 Manning Chapel
- 21 Weir Lecture Hall
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- 17 Burt Hall
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- 47 Farris Hall
- 41 Garner Hall
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**HISTORY / POLITICAL SCIENCE**

**PSYCHOLOGY**

**SOCIAL WORK / SOCIOLOGY / CRIMINAL JUSTICE**

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