



METHODIST
UNIVERSITY

Undergraduate Academic Catalog
2023-24

Academic Affairs, Methodist University
5400 Ramsey St., Fayetteville, NC 28311

Student Responsibility:

Each student accepts full responsibility for reading all materials and information included in this Academic Catalog and for the satisfactory completion of all graduation requirements.

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PREAMBLE

Methodist University is related by faith to the North Carolina Annual Conference, Southeastern Jurisdiction of the United Methodist Church. It is an independent corporation rather than an agency of the Conference and is responsible for its own debts and obligations.

Methodist University does not discriminate by age, race, gender, national or ethnic origin, religion, sexual orientation, or disabilities for otherwise qualified persons in the administration of its admissions, educational policies, scholarships, loan programs, athletics, employment or any other university-sponsored or advertised program.

This catalog is not an irrevocable contract. All regulations, provisions, and information herein are subject to change as conditions dictate.

INTRODUCTION TO THE UNIVERSITY

Mission and Purpose Statement

Methodist University, historically supported by the North Carolina Annual Conference of the United Methodist Church, owes its origin and values to the life and teachings of Jesus Christ. The University is committed to an ecumenical spirit, respects diversity, and recognizes the dignity and worth of all human beings. The University's programs are based on the conviction that a liberally educated person is sensitive to the needs and rights of others. Methodist University affirms the importance of intellectual values and ethical principles such as truth, virtue, justice, and love. The University community seeks to develop whole persons who will contribute substantially and creatively to the professions and to civic life. Therefore, Methodist University provides opportunities for spiritual, academic, and social growth, to the end that students may acquire enlightened minds and responsible spirits, as well as a continuing thirst for knowledge.

The purpose of Methodist University is to provide an undergraduate and graduate education firmly grounded in the liberal arts tradition that nurtures moral values and ethical decision making; to provide distinctive professional and graduate programs that complement the undergraduate programs; to provide educational and cultural services and resources to the community; and to prepare students for a variety of careers and educational pursuits.

Goals of the University

Students will

1. be immersed in an environment in which they are encouraged to develop good moral values, practice ethical decision making, and to have an opportunity to enhance their spiritual development.
2. attain an understanding of themselves and their social and physical world through a broad study of the liberal arts and an in-depth study of academic discipline.
3. live meaningfully in the world, as reflected in satisfaction with their career development and social relations, through the understanding they have attained of themselves and the world.
4. acquire competence in critical thinking, written and oral communication.
5. acquire proficiency in common uses of personal computers.

The University will

1. attract, develop, and retain a faculty that strives for excellence in teaching, scholarship, professional service to the community, and service to the University outside the classroom.
2. provide significant services and facilities to groups within the community and state.
3. engage in ongoing, integrated, and institution-wide research-based planning and evaluation processes that incorporate a systematic review of programs and services that result in continuing improvement and demonstrate that the University is effectively accomplishing its mission.

Methodist University (MU) Learning Outcomes

MU graduates are prepared to become leaders across local and global contexts, meaningfully and creatively contributing to their chosen professions and to the communities and world around them. MU graduates will have explored academic disciplines and interrogated their personal, social, and intellectual callings and passions, leaving Methodist University as socially just, whole human beings, who acknowledge the importance of caring about and for people, and for the physical and natural world.

In keeping with our university mission, Methodist University graduates are:

- **critical thinkers and creative problem solvers** with the capacity to engage the world around them as socially responsible citizens with an understanding of equity, inclusivity, and global diversity.
- **engaged leaders and collaborators** on global and local levels, deeply attuned to civic-mindedness, environmental responsibility, and ethical professionalism.
- **effective communicators** in global and local contexts and across a variety of rhetorical situations, modes, media, and languages.
- **interdisciplinary scholars** who recognize and apply the importance of intellectual values across a variety of disciplines, allowing them to adapt and evolve as thinkers and researchers in multiple professions, while also being prepared to keep pace with the emergence of new technologies and global issues.
- **reflexive lifelong learners** who leave MU with a foundation of lifelong learning and inquiry, with the capacity to use refined research skills across various academic disciplines to identify and utilize appropriate, reliable, and accurate sources to inform their thinking for a postgraduate future of personal and professional growth.

Accreditation

Methodist University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, master, and doctoral degrees. Questions about the accreditation of Methodist University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097 by calling [404.679.4500](tel:404.679.4500) or by using information available on the SACSCOC website (sacscoc.org).

The University is also a member of the North Carolina Association of Colleges and Universities and the North Carolina Association of Independent Colleges and Universities.

All other school and program accreditations, associations, and endorsements can be found in the respective areas in the catalog.

Location and Facilities

The University is located in Fayetteville, North Carolina, part of the Carolina Sandhills region in the heart of golfing country and two hours from the coast. Designed by Stevens and Wilkinson of Atlanta, the award-winning campus has grown from three buildings at its opening in 1960 to its present more than 80 major and minor structures. The campus consists of 600 acres, primarily in undeveloped woodland, including Cape Fear River frontage. Part is given over to the Pauline Longest Nature Trail, visited by many school children and garden clubs each year. Classes are held principally in the Trustees Building, the Dr. and Mrs. M. Elton Hendricks Science Complex, the D. Keith Allison Hall, the Richard L. Player Golf and Tennis Learning Center, the Walter and Margaret Clark Hall, the Physician Assistant Program's three-building complex, the Robert J. Chaffin Building, the March F. Riddle Center, the John M. Reeves Fine Arts Building (a community center for the arts), the Thomas R. McLean Health Sciences Building, and the William F. Bethune Center for Visual Arts. Other campus facilities include 14 residence halls, Berns Student Center, Chris's House, Nimocks Fitness Center, Horner Administration Building, O'Hanlon Amphitheatre, Joe W. Stout Hall (housing Admissions, Financial Aid, and Veterans Affairs), Davis Memorial Library, Gene Clayton Tennis Facility, Monarch Stadium and outdoor track, a driving range, putting greens, 18-hole golf course, Armstrong-Shelley Baseball Field, Price Field (softball), Coach Sink Field (intramural sports), and Duggins Soccer Stadium. The Yarrowburgh Bell Tower, in the central mall of the campus, provides amplification for the Jones Memorial Carillon. The illuminated cross at the top of this 95-foot-tall structure is symbolic of the University religion origin. Hensdale Chapel, located on the central mall, features a vaulted ceiling and an interior of red oak. A Schantz pipe organ enhances

worship services and is an excellent instrument for recitals. The Mallett-Rogers House, which dates to 1778, was donated to the campus by the Florence Rogers Foundation. Computer labs available to students are in the Davis Memorial Library, Trustees Building, Clark Hall, Allison Hall, Hendricks Science Complex, Bethune Center, and Physician Assistant buildings.

Davis Memorial Library

Davis Memorial Library supplies access to resources, knowledge, information, and ideas for the intellectual inquiry of students, faculty, and staff; supports the instructional program; houses MU One Stop academic services and support; and facilitates scholarship on campus, demonstrating a commitment to freedom of information and equity of access to information.

The Davis Memorial Library houses more than 25,734 book volumes, video-recordings, and many other formats. For electronic full text sources, students can select from more than 71,451 electronic journals and more than 529,000 e-books. Most of the library's electronic resources can be accessed both on and off campus by students. These resources include the Online Catalog and more than 148 databases for journal article searching, including ProQuest Research Library, JSTOR, Science Direct and many others. A password is needed for off-campus access.

Services available include research assistance, interlibrary loan, and information literacy classes. There are computers for student use as well as wireless service for laptops. The Special Collections Room showcases letters and other materials relating to the Marquis de Lafayette, for whom Fayetteville is named, and a four-volume facsimile set of the double elephant folio *Birds of America* by John James Audubon, donated by Margaret Rose and Terry Sanford. In addition, the library houses an extensive Bible collection donated by the Reverend Mr. Allen C. Lee, memorabilia of Carolina College, and the archives of both the University and the United Methodist Women of the North Carolina Conference. Faculty, staff, and students may register to check out library materials and to reserve study rooms by presenting a current Methodist University ID card. More information is available on the Davis Memorial Library homepage at www.methodist.edu/library.

Religious Life and the University Chaplain

Religious Life fosters a spirit of belonging and inclusion that supports and encourages all students, faculty, and staff to honor all that is sacred to members of the MU community. While distinctively Wesleyan in The United Methodist Church tradition of the Christian faith, Religious Life encourages members of the MU community to know deeply and to live their own faith's sacred texts and traditions freely while intentionally learning about and reverencing the teachings of all faiths. In this environment, there are safe and respectful times and places to wrestle with the hard questions of life and faith. Religious Life engages students at the intersection of faith and justice in their lives by supporting opportunities for spiritual growth, discernment, prayer, and questions of meaning and purpose. Students are encouraged to broaden and deepen their spiritual horizons by participating in diverse worship styles, Bible study, music, community service, and the pursuit of love, justice, truth, and virtue. No meetings or classes are scheduled during the Wednesday CIRCUIT hour (11 a.m.-Noon), during which chapel service is offered. The University Chaplain is available to students of all or no faith traditions for conversations around personal matters, faith, or vocational discernment. The University Chaplain is an ordained clergy member who can offer the sacraments of baptism and Holy Communion and officiate for marriage and memorial services.

Athletics

Methodist competes at the NCAA Division III level and is a member of the USA South Athletic Conference. Methodist University offers 20 intercollegiate sports (10 for women and 10 for men).

ACADEMIC CALENDAR (CAMPUS PROGRAMS)

FALL 2023 (16-WEEK SEMESTER/AUGUST 14-DECEMBER 8)

AUGUST 2023

August 1	Tuition & fees due for fall
August 1	December graduation applications due
August 11-12	New Student Orientation
August 12	Returning students arrive
August 14	All classes begin
August 18	Last day to add a class
August 18	Last day to drop a class without record

SEPTEMBER 2023

September 4	Labor Day holiday (no classes)
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OCTOBER 2023

October 6	Midterm grades due
October 9-10	Fall break
October 23	Early registration begins for seniors
October 24	Early registration begins for juniors
October 25	Early registration begins for sophomores
October 26	Early registration begins for freshman

NOVEMBER 2023

November 1	May 2024 graduation applications due
November 10	Veterans Day holiday (no classes)
November 13	Last day to withdraw from a class
November 22-24	Thanksgiving holiday (no classes)
November 28	Last day of classes
November 29	Reading day (no classes)
November 30	Final exams begin

DECEMBER 2023

December 1-7	Final exams
December 11	Final grades due

FALL 2023 SUB TERM I (8-WEEK TERM/AUGUST 14-OCTOBER 6)

August 14	Classes begin
August 18	Last day to add a class
August 18	Last day to drop a class without record
September 4	Labor Day holiday (no classes)
September 29	Last day to withdraw from a class
October 4-6	Final exams
October 9	Final grades due

FALL 2023 SUB TERM II (8-WEEK TERM/OCTOBER 16-DECEMBER 8)

October 16	Classes begin
October 20	Last day to add a class
October 20	Last day to drop a class without record
November 10	Veterans Day holiday (no classes)
November 22-24	Thanksgiving holiday (no classes)

December 1	Last day to withdraw from a class
December 6-8	Final exams
December 11	Final grades due

SPRING 2024 (16-WEEK SEMESTER/JANUARY 16-MAY 10)

JANUARY 2024

January 14	New Student Orientation
January 15	Martin Luther King, Jr. holiday (no classes)
January 16	All classes begin
January 19	Last day to add a class
January 19	Last day to drop a class without record

MARCH 2024

March 8	Midterm grades due
March 11-15	Spring Break
March 25	Early registration begins for seniors
March 26	Early registration begins for juniors
March 27	Early registration begins for sophomores
March 28	Early registration begins for freshman
March 29	Good Friday holiday (no classes)

APRIL 2024

April 8-12	MU Research and Creativity Week
April 10	MU R&C Symposium and Awards Day
April 22	Last day to withdraw from a class
April 30	Last day of classes

MAY 2024

May 1	Reading day (no classes)
May 2-9	Final exams
May 11	Graduate Commencement Ceremony
May 11	Undergraduate Commencement Ceremony
May 13	Final grades due

SPRING 2024 SUBTERM I (8-WEEK TERM/JANUARY 16-MARCH 8)

January 16	Classes begin
January 19	Last day to add a class
January 19	Last day to drop a class without record
February 23	Last day to withdraw from a class
March 6-8	Final exams
March 11	Final grades due

SPRING 2024 SUB TERM II (8-WEEK TERM/MARCH 18-MAY 10)

March 18	Classes begin
March 22	Last day to add a class
March 22	Last day to drop a class without record
March 29	Good Friday holiday (no classes)
April 26	Last day to withdraw from a class
May 8-10	Final exams
May 11	Graduate Commencement Ceremony

May 11	Undergraduate Commencement Ceremony
May 13	Final grades due

SUMMER 2024 SESSION I (4 WEEKS/MAY 20-JUNE 14)

May 20	Classes begin
May 21	Last day to add a class
May 21	Last day to drop a class without record
May 27	Memorial Day holiday (no classes)
June 1	August 2024 graduation applications due
June 12	Last day to withdraw from a class
June 14	Last day of classes, final exams
June 17	Final grades due

SUMMER 2024 SESSION II (4 WEEKS/JUNE 17-JULY 12)

June 17	Classes begin
June 18	Last day to add a class
June 18	Last day to drop a class without record
June 19	Juneteenth holiday (no classes)
July 4	Independence Day holiday (no classes)
July 10	Last day to withdraw from a class
July 12	Last day of classes, final exams
July 15	Final grades due

SUMMER 2024 SESSION III (4 WEEKS/JULY 15-AUGUST 9)

July 15	Classes begin
July 16	Last day to add a class
July 16	Last day to drop a class without record
August 7	Last day to withdraw from a class
August 9	Last day of classes, final exams
August 12	Final grades due

SUMMER 2024 SESSION IV (8 WEEKS/MAY 20-JULY 12)

May 20	Classes begin
May 24	Last day to add a class
May 24	Last day to drop a class without record
May 27	Memorial Day holiday (no classes)
June 1	August 2024 Graduation applications due
June 19	Juneteenth holiday (no classes)
July 4	Independence Day holiday (no classes)
July 5	Last day to withdraw from a class
July 10-12	Final exams
July 15	Final grades due

SUMMER 2024 SESSION V (12 WEEKS/MAY 20-AUGUST 9)

May 20	Classes begin
May 24	Last day to add a class
May 24	Last day to drop a class without record
May 27	Memorial Day holiday (no classes)
June 1	August 2024 Graduation applications due
June 19	Juneteenth holiday (no classes)

July 4	Independence Day holiday (no classes)
August 2	Last day to withdraw from a class
August 9	Final exams
August 12	Final grades due

ACADEMIC CALENDAR (MU ONLINE PROGRAMS)

FALL 2023 TERM I (8-WEEK TERM/AUGUST 21-OCTOBER 13)

August 21	Classes begin
August 25	Last day to add a class
August 25	Last day to drop a class without record
September 15	Midterm grades due
October 6	Last day to withdraw from a class
October 11-13	Final exams
October 16	Final grades due

FALL 2023 TERM II (8-WEEK TERM/OCTOBER 16-DECEMBER 8)

October 16	Classes begin
October 20	Last day to add a class
October 20	Last day to drop a class without record
November 10	Midterm grades due
December 1	Last day to withdraw from a class
December 6-8	Final exams
December 11	Final grades due

Spring 2024 term I (8-Week Term/January 8-March 1)

January 8	Classes begin
January 12	Last day to add a class
January 12	Last day to drop a class without record
February 2	Midterm grades due
February 23	Last day to withdraw from a class
February 28	Final exams begin
March 1	Final exams end
March 4	Final grades due

Spring 2024 term II (8-Week Term/March 4-April 26)

March 4	Classes begin
March 8	Last day to add a class
March 8	Last day to drop a class without record
March 29	Midterm grades due
April 19	Last day to withdraw from a class
April 24-26	Final exams
April 29	Final grades due

SUMMER 2024 TERM I (8-WEEK TERM/APRIL 29-JUNE 21)

April 29	Classes begin
May 3	Last day to add a class
May 3	Last day to drop a class without record
June 14	Last day to withdraw from a class

June 19-21	Final exams
June 24	Final grades due

SUMMER 2024 TERM II (8-WEEK TERM/JUNE 24-AUGUST 16)

June 24	Classes begin
June 28	Last day to add a class
June 28	Last day to drop a class without record
August 9	Last day to withdraw from a class
August 14-16	Final exams
August 19	Final grades due

UNDERGRADUATE ADMISSIONS

Methodist University admits academically qualified students of any faith, age, race, sex, national or ethnic origin, or rel. Candidates applying for admission are accepted as either freshmen, transfer students, re-admitted students, non-degree seeking students, or visiting students.

Admissions Categories

- First-Year Student (dual enrollment, campus, or MU Online)
- Transfer Student (campus or MU Online)
- Second Bachelor Degree Student
- International Student
- Returning Student
- Non-Degree Seeking Student
- Visiting Students

First-Year Student Admissions

Any student applying for admission as a freshman must be a graduate of an accredited high school, graduate of a state-approved homeschool, or hold a high school equivalency diploma. They must also have at least 16 units of high school credit including four units of English. It is also recommended that applicants have three units of mathematics, two units of science, two units of history, and two units of foreign language. The following areas are considered when reviewing freshman application:

- Cumulative GPA
- High school course selection
- Standardized test scores (optional)
- Class rank
- Extracurricular involvement
- Teacher or personal recommendations

All prospective student files are reviewed on an individual basis and admission is offered to those students who, in the professional judgment of the admissions staff and the University faculty, appear to be prepared academically for success at the University. This decision involves careful weighing of all criteria listed above.

An application for admission, admission file requirements, and test optional policy may be found on the [Methodist University Admissions Website](#).

First-Year students seeking to take undergraduate courses in a fully online setting may apply for admission through the [MU Online Admissions Portal](#).

Dual Enrollment

High school juniors at least 16 years of age who possess outstanding academic potential may apply to attend Methodist University as a dual enrollment student. Admission is granted on a space-available basis and all courses taken must be approved by the provost. Interested students should submit the admission application for non-degree seeking students accompanied by a letter from the high school guidance counselor or home school administrator.

Additionally, students may take two campus courses, up to 8 credit hours, at Methodist University while completing their associate degree at a community college transfer partner school at the current tuition rate of the community college. Students who wish to take advantage of this opportunity must complete the transfer partners program application.

Transfer Student Admissions

Applicants seeking admission as a transfer student must fulfill the following requirements:

- Provide the Admissions Office with official copies of all high school transcripts, high school equivalency diploma/test results, and postsecondary transcripts. An official transcript is one that has been issued by an institution and received by Methodist University in an envelope sealed by the issuing institution or delivered through a secure electronic resource. Paper transcripts must contain the official school seal or stamp and signature of the registrar to be considered official.
- Show overall academic success at all former institutions. For students with more than 31 college credits, the admissions decision will be based solely on collegiate performance. For students with less than 31 credits of college credit, admissions decisions will also take high school performance into consideration.
- All transfer students must be eligible to return to the last postsecondary institution attended.

An application for admission, and transfer admission file requirements, may be found on the [Methodist University Transfer Admissions Website](#).

Transfer students seeking to take undergraduate courses in a fully online setting may apply for admission through the [MU Online Admissions Portal](#).

Transfer Evaluations

Once a student is accepted to the University, all official transcripts received will be evaluated for transfer credit. Typically, transfer evaluations are completed within 10-14 business days of receipt of the official transcript. Students will receive an email in their official MU email account once an evaluation is completed and the evaluation will also be available on the myMU portal.

Methodist University will determine transferability of credit in accordance with its policies found in the corresponding section of this catalog.

Second Bachelor Degree

Methodist University welcomes highly focused students who previously earned a bachelor's degree at Methodist University or another regionally accredited institution and are seeking a new career path to enroll for a second bachelor degree. Students applying for a second bachelor's degree may only be admitted into a specific major program of study that is *distinctly different* from the program(s) of study completed in the first bachelor's degree. Specifically, students must complete in residence a minimum of 31 credits or more than 50% of the major (plus concentration, if applicable) program requirements, whichever is greater, of the second bachelor degree at Methodist University and must not have

completed equivalent coursework as part of the first degree earned. Capstone courses required by a major program must be completed in residence.

To earn a second bachelor degree, students must satisfy all major (plus concentration, if applicable) program requirements in place at the time of matriculation. Adding one area of concentration is optional. Concentration options vary by major program and not all majors include concentrations. General education core requirements that were not completed as part of the first degree must also be completed. Students may receive up to 93 total credits in transfer in accordance with the university's regular transfer credit policy.

Second bachelor degree students are expected to maintain satisfactory academic progress toward degree completion and are not permitted to change their major or add a second major, a second concentration, or a minor. Federal financial aid (i.e., student loans) cannot be applied toward any courses taken outside of the major and concentration program requirements.

International Student Admissions

Methodist University is a diverse institution that prides itself on welcoming international students to expand their education. Any international student interested in applying to Methodist University should complete the following:

Required for Admissions:

1. Submit the [free online application for admission](#) through the common app.
2. Send your academic records. All records should bear the original stamp or seal of the institution. Documents not in English must be accompanied by a complete, literal English translation certified by the issuing institution. Certified copies of the original document must be certified by the Embassy, the Ministry of Education, or the Ministry of Foreign Affairs.
3. Please send your TOEFL/IELTS/Duolingo scores if English is not your first language. Our institutional code is 5426. Methodist University may admit TOEFL scores of 500(PBT), 173(CBT), and 61(IBT), IELTS of 6, Duolingo of 95
4. Students graduating from the United World College do not require any test scores.

Optional for Admissions (we reserve the right to request these documents upon reviewing the admissions file).

5. Submit a personal statement describing you as a person and your goals (500-1000 words). Put your name on the essay if you are sending it as a Word or PDF file.
6. Submit two letters of recommendation with at least one being academic.

After Admissions Requirements:

7. Submit your Financial Statement. It may also be either bank statements with the bank official's signature/seal or a notarized or certified letter indicating sufficient funds of support in U.S. dollars within the past six months.
8. Provide a copy of the information page of your passport.

As soon as the University has received items that are "required for admission", a letter of acceptance will be generated. As soon as the University receives the Financial Statements indicating sufficient proof of funds, an Immigration Form I-20 will be sent to the student who should then schedule an appointment with the U.S. Consulate to obtain his/her F-1 Non-immigrant Student Visa.

International Transfer Student Admissions

Transfer students from a US college/university are required to complete the [application for admission](#) and submit copies of your current immigration documents: SEVIS I-20, passport, F-1 Visa, and I-94. The

current school must be released in SEVIS and indicate a Transfer Release Date. This must be done before Methodist University can issue an I-20.

Additionally, students must have official copies of all high school transcripts, high school equivalency transcripts, test results, and post-secondary transcripts forwarded to the Global Education Office. Students must show overall academic success at all former institutions.

Admission of Non-Degree Seeking Students

Non-degree seeking students at Methodist University are defined as students who enroll in courses on a one-time or intermittent basis for reasons including personal enrichment, professional development, or completion of graduate school prerequisites. Non-degree seeking students can be separated into two groups--those who have completed a bachelor's degree and those who have not. Students who have completed a bachelor's degree must submit an official transcript from the degree granting institution as proof of graduation to be admitted as a non-degree seeking student. Students who have not completed a bachelor degree must submit an official high school transcript or high school equivalency assessment results to be admitted. Non-degree seeking students will be allowed to register for up to 30 credit hours before being required to apply as degree-seeking students and meet all admissions requirements. Non-degree seeking student enrollment is subject to the availability of space in the desired course(s). Non-degree seeking students wishing to enroll in a course with prerequisite requirements must be able to show successful completion of those prerequisites through provision of official college transcript(s). Non-degree seeking students may not live on campus or participate in intercollegiate athletics.

Returning Students (Readmission)

Students seeking readmission to the University after not attending for more than one calendar year must complete a formal application through the Office of Admissions. They must be given clearance by the Offices of Admissions, Financial Aid, Student Accounts, Registrar, and Student Services before being considered for readmission.

Military service members and reservists who are temporarily unable to attend class or have suspended their studies due to service requirements must contact the Office of Admissions to expedite their readmission to the University if they have not attended classes for more than one calendar year. Military service members and reservists who have been away for only one semester should contact the Assistant Provost for Student Retention and Persistence Initiatives to continue their academic program.

Visiting Students

An applicant seeking admission as a visiting student must have a letter of permission from their resident college forwarded to the Admissions Office.

PGA Golf Management Admissions

Students applying to the PGA Golf Management Program will be evaluated based on the quality of grade point average, golf handicap, letters of recommendation, and the campus visit/interview.

Applicants must comply with the following policies and procedures:

1. Students *must* be accepted to Methodist University prior to acceptance into the PGA Golf Management Program.
2. Admission to the Program will be granted to the most qualified applicants based on grade point average, golf handicap, and letters of recommendation. This procedure will be used for a Rolling Admission. The University has a test optional policy and does not require SAT/ACT scores.

3. All applicants *must* submit a PGA Golf Management Application.
4. All applicants *must* submit a letter of recommendation form including record of a handicap of twelve (12) or less verified by The United States Golf Association (USGA), a Professional Golfers' Association of America (PGA) member, a high school golf coach; or have successfully passed the PGA Playing Ability Test (PAT).

Rolling Admission: Students wishing to be considered for admission *must* have been accepted to the University and have all required materials submitted before admission into the program. Although Methodist University has a rolling admissions deadline, students are encouraged to apply as early as possible. Once a file is complete it is typically read, and students are notified of their status within seven to fourteen days. Once accepted, students have until *March 1st to reserve a space in the Program. A non-refundable PGA Golf Management deposit of five hundred dollars (\$500) is required to reserve a space. Students not responding by paying the deposit by March 1st will be able to reserve a space in the program on a first-come, first-served basis.

It is not required but is highly encouraged that students make a campus visit/interview so that they can see firsthand what opportunity awaits them in the program. Bring your clubs, as you will have the opportunity to play one of two golf facilities that are unrivaled among any of the PGA Golf Management Programs.

*Students who wish to do so may request an extension of the PGA Golf Management deposit until May 1st. However, students requesting an extension are not guaranteed a space in the program. Deposits paid after March 1st will be accepted on a first-come, first-served basis.

Mandatory Student Email Policy

An email account (ending in @student.methodist.edu) will be created for all Methodist University students by the MU Information Technology Team. Students will receive their email account information from the Admissions Office. If you do not receive your email account information, send an email to help@methodist.edu for assistance. All students are responsible for checking their email daily for messages from the University. All official MU information (e.g., grades, academic notices, campus calendars, attendance policy updates, registration, and financial information, etc.) will only be sent electronically. No University information will be sent to any other email address.

UNDERGRADUATE ACADEMIC POLICIES

Student Responsibility

Each student accepts full responsibility for reading all materials and information included in this Academic Catalog and for the satisfactory completion of all graduation requirements.

Right to Change Requirements

The faculty reserves the right to change academic curricula and requirements. When the catalog changes, the student has two options:

1. to be governed by the catalog under which they enrolled.
2. to be governed by a more recent catalog.

Requirements from the two catalogs cannot be consolidated. Students wishing to switch to a more recent catalog must notify their advisors and notify the registrar in writing. It is not possible to move back to a previous catalog. No student can graduate under the terms of any catalog dated more than six years prior to the graduation date. This catalog expires in August 2029.

Residency Definition and Requirement

Residency is defined as course work successfully completed at Methodist University. It does not include transfer credits, CLEP Examinations, AP credits, course work approved through a visiting student letter, credits earned through challenge examinations, or course work waived due to passing proficiency examinations. Residency requirements reflect 25% of coursework and are determined by the type of degree sought:

- Associate degrees: 16 credit hours in residency.
- Bachelor degrees: 31 credit hours must be taken in residency.

Declaration of Major

All students must officially declare an academic major with their academic and career advisor before registration during the semester following the completion of 30 credit hours. If a student transfers in 30 or more credit hours, then the student must declare a major at the time of admission to the University.

Registration

Registration dates are published in the [academic calendar](#) and are scheduled throughout the academic year. Students are not permitted to attend any class until they have registered, nor can they register after the published add/drop period.

Prior to registering for classes, returning students are required to meet with their academic and career advisor to discuss their schedule. Both advisors and students have access to course schedules and registration via the myMU portal. All students must be cleared by an advisor prior to registering for classes. Grades and unofficial transcripts are available to advisors and students via the myMU portal.

Course Cancellations

All published class schedules are tentative and are not contractual in nature. The University reserves the right to cancel any scheduled course at any time through the first meeting of the class.

Furthermore, the University reserves the right to cancel or discontinue any course because of insufficient enrollment, or for other reasons. To assure quality education, the University reserves the right to limit further registrations when the maximum number set by the department has been reached. The University reserves the right to make changes in schedules and/or faculty when necessary.

Adding, Dropping, and Withdrawing from Courses

The published add/drop period for any given term/sub term typically extends through the Friday of the first week of classes. Students may add and drop classes without record during this time.

The course withdrawal period begins immediately following the end of the published add/drop period. Therefore, any student wanting to officially remove themselves from a course after the published add/drop period will receive a course withdrawal denoted by a grade of W. Students should consult with their academic and career advisor to complete the appropriate course withdrawal form available in the myMU portal.

Note: *A grade of W is recorded and maintained on the official academic transcript along with all associated attempted credit hours.*

Official University Withdrawal

To officially withdraw from the University during a semester, a student is required to complete an official withdrawal form housed in the myMU portal. Students should consult with their academic and

career advisors to discuss the impact on degree completion. Students are also encouraged to discuss financial implications with a representative from the Office of Student Financial Services.

Failure to properly withdraw from the University may result in the student being awarded failing grades for all enrolled courses. A student who properly withdraws, using the required official university form, will receive official course withdrawals denoted by a grade of W on the academic record. Withdrawing from the university does not release a student from financial responsibility.

Step-Out Policy

Students enrolled at Methodist University but who do not return the subsequent fall or spring semester will have one semester (fall or spring) to re-enroll, provided they leave in good academic standing. A Step-Out form, located in the myMU portal, should be completed prior to leaving.

If the student has subsequently taken additional college work, they must have official transcripts sent to the MU Office of Admissions from each institution attended. All course work taken will be subject to Methodist University's transfer policy.

Students who have a break in attendance will not be considered enrolled and may be subject to loan repayment during this time. Students are advised to discuss this with the Financial Aid Office and their lender prior to requesting a break in enrollment.

Student Enrollment Classifications

- Full-Time Students are those enrolled for 12 credit hours or more per semester, including sub terms (e.g., T1/T2 – O1/O2). International students on F1 visas must be enrolled in a minimum of 12 credit hours of in-person classes.
- Part-Time Students are those enrolled for fewer than 12 credit hours per semester, including sub terms.
- Non-Degree Seeking Student are those not enrolled in an academic program but admitted by the University for specific courses.

Students are also classified according to the number of credit hours earned:

- Freshmen – 0 to 29.5 earned credit hours
- Sophomores – 30 to 61.5 earned credit hours
- Juniors – 62 to 93.5 earned credit hours
- Seniors – 94 earned credit hours

Academic Courseload

A standard undergraduate student course load during fall and spring terms is 16 credit hours per semester, though a range of 12 to 18 credit hours is considered full-time enrollment. In some cases, students find it necessary to take a nineteenth hour for reasons of laboratory course work, performance ensembles, instructional seminars, and similar academic requirements. No undergraduate student may take more than 19 credit hours without permission from their academic and career advisor. Under no circumstances can a student take more than 24 credit hours (including all combinations of terms and modalities) in any fall or spring semester.

A student whose academic course load drops below 12 credit hours during the fall or spring semester is not considered to be a full-time student, with the following consequences:

- Federal, state, and institutional Financial Aid will be reduced.
- The student will lose NCAA eligibility, which requires that student-athletes must be enrolled in a minimum of 12 credit hours, including sub terms.

- A residential student whose academic load drops below 12 credit hours is not eligible for continued residence unless authorized by the Vice President for Student Affairs.
- Students on US international student visas (F1) enrolled in fewer than 12 credit hours of in-person courses during both fall and spring semesters are in violation of their SEVIS/visa status, which risks ability to remain in the United States. International students who believe they need to drop below 12 credit hours must consult with the Director of Global Education before dropping or withdrawing from courses.

Due to the intense nature of summer classes, students enrolled in on campus programs are advised to take NO more than three summer classes in one term. Students enrolled in on campus programs total course load during the combined summer sessions may not exceed 12 credit hours.

Modality Definitions

- On Campus/In-Person: specified class time and classroom designation in the schedule; synchronous mode; asynchronous use of Canvas; switch to fully remote instruction if needed.
- Hybrid: more than 50% face-to-face and the rest online; specified class time and classroom designation in the schedule; move fluidly between in-person and remote conferencing tool for synchronous learning; asynchronous use of Canvas; switch to fully remote instruction if needed.
- Remote: specified class time but no classroom designation in the schedule; synchronous mode via remote conferencing tool; asynchronous use of Canvas.
- Online: no specified class time and no classroom designation; asynchronous use of Canvas and other online tools.

Undergraduate Attendance Policy

Regular class preparation, attendance, and participation are the best predictors of student success; therefore, students are expected and encouraged to attend all their Methodist University classes. If students must miss class sessions, they are expected to give faculty notice about the absence as early as possible and must communicate with each faculty member to ensure that they complete all required work in preparation for subsequent classes. Students with excessive absences, as described in the course syllabus, are at risk of receiving failing grades.

The following types of absences are considered excused:

- Illness or accident with supportive medical documentation
- Death of a close relative (grandparent, parent, sibling, spouse, child)
- Military duties when certified by a student's commanding officer
- Scheduled participation as a Methodist University Student-Athlete in intercollegiate competitions that conflict with a student's class schedule
- Scheduled participation in co-curricular events or activities sponsored by Methodist University that conflict with a student's class schedule

Faculty are required to give students with excused absences reasonable opportunities to submit missed coursework or to make alternate arrangements for classroom activities (e.g., labs, presentations, examinations). The student is responsible for notifying faculty of the absence, communicating with faculty about materials and assignments, and completing all missed coursework. Students who fulfill these responsibilities within the time frame agreed upon with their instructors may not be penalized for an excused absence.

Students who add a course during the published add/drop period, but after the first class meeting, will be permitted to make up missed assignments or will not have missed assignments counted against them

in the final course grade. Absences will not be assigned for the period during which the student was not officially enrolled in the class.

Campus Closure

If courses are canceled due to emergency/unplanned circumstances for three consecutive days, faculty are required to engage students in alternate learning activities.

- For all unplanned campus closures, faculty are encouraged to reorganize their syllabi to absorb content and classroom work and/or to engage students in other synchronous or asynchronous learning activities. Examples of such learning activities are available on the Teaching and Learning Center website.
- Some courses may not follow “traditional” class times (e.g., 50 min MWF or 80 min T Th). A course that meets for three hours on one day may be considered to miss an entire week of class if the University is closed on that day. Individual instructors may implement this policy as appropriate to satisfy requirements for the course.
- Students may not be penalized for closure decisions made by the University. When classes resume, students should be given no less than 1 week but no more than 30 days or the last day of classes (whichever comes first) to turn in work assigned during unplanned closures. Deadlines that occur during the closure should be extended.

GRADING

All standard letter grades are counted toward a student’s grade point average (GPA), completion, and maximum time frame. This is true whether a failing grade is received due to nonattendance or due to poor academic performance. Grades of incomplete (I), pass (P), and course withdrawal (W) are not counted toward a student’s GPA but are counted toward completion rate and maximum time frame.

Grade Scale

Grade	Quality Points
A	4.0 (Excellent)
A-	3.7
B+	3.3
B	3.0
B-	2.7 (Above Average)
C+	2.3
C	2.0 (Average)
C-	1.7
D+	1.3
D	1.0 (Below Average)
D-	0.7
F	0.0 (Failure)
AU	Course audit (zero quality points)
I	Incomplete
P	Pass (zero quality points)
W	Course withdrawal

Auditing a Course

Auditing a course is subject to space limitations and approval of the instructor. Once a course is undertaken on an audit basis, it cannot be changed to a graded course. Requests to audit a course

should be coordinated through the instructor and the student's Academic and Career Advisor. Formal notification of approval should be sent in writing to the Office of the Registrar.

Students wishing to audit a course who are not currently enrolled at Methodist University must be admitted to the University as a non-degree seeking student and must adhere to the guidelines.

Students are advised to refer to the Methodist University fee schedule for associated costs.

Incomplete Grade Policy

An Incomplete "I" grade is awarded when extenuating circumstances (i.e., illness, emergency, military service, or other reasonable cause) warrant an extension of time for completion of the remaining course work. Course work must be completed within a reasonable period, as set by the instructor, not to exceed the final day of classes the subsequent academic semester. The criteria for assigning an incomplete grade are as follows:

- A student must be passing the course, or, for cohort programs, students must meet the minimum requirements established by the program to meet accreditation standards.
- Approval from the student and instructor is needed before an Incomplete "I" can be assigned.
- The instructor must specify all work completed to date and the grade earned for each assignment.
- The instructor must specify all remaining work necessary for the grade submission.

If the instructor approves the request, the instructor will complete the Request for Incomplete Grade Contract (located on the myMU portal).

Incomplete grades must be changed before the end of the subsequent term. If grade is not changed, it will automatically convert to an F.

Grade Change Policy

Final grades of A through F are permanent and may not be changed except when assigned in error. All grade changes must be approved by the respective department chair/division head, school head (where applicable), and College Dean. A fall grade change must be made by the end of the following spring semester. A spring grade change must be made by the end of the following fall semester. A summer grade change must be made by the end of the following fall semester.

It is the responsibility of students to check their grade reports or transcript reports for errors. An appeal for a grade a student believes was assigned in error must be submitted by the end of the spring semester for a fall grade, by the end of the fall semester for a spring grade, and by the end of the fall semester for a summer grade.

Grade Repeat Policy

A student can repeat a course an unlimited number of times. The highest grade earned on either attempt is the grade of record. The grades and hours from other attempts are not included in the GPA, however other attempts remain on the student's transcript. A student should consult with Financial Aid regarding the impact of repeating courses on their financial aid eligibility.

Cross-listed courses are considered to be one course. Special topics courses will only be considered under the repeat policy when the replacement course covers the same topic. IDS reading circle courses are repeatable for credit and are not considered in the repeat policy.

Grade Forgiveness Policy

Classes that are repeatable for credit are not eligible for grade forgiveness (e.g., ensembles, chorales, workshop classes, and applied proficiency lessons). Grades originally awarded at this institution must be repeated at this institution if the new grades are to be calculated into the student's GPA. Pass/fail, CLEP, DSST, Directed Studies, Independent Studies, and course challenges cannot be used to replace previously earned academic grades. A transfer grade cannot replace a grade earned at Methodist University.

Grade Appeal Policy

Should a student choose to challenge a grade in a course, the student must complete the Methodist University Grade Appeal process detailed below before the end of the semester following receipt of a grade for the course (summers excluded). This procedure is specific to grade appeals, not general policy concerns.

The grading and evaluation policies outlined in the course syllabus form the basis for resolution of all grade grievances. Every attempt should be made to resolve an academic grievance through discussions between the student and the instructor or among the student, instructor, and the department chair/division head. If these discussions fail to resolve the grievance, the appeal procedure detailed below is available to students. Appeal procedures require written documentation. All documents must be dated.

A grade grievance occurs when a student protests a grade awarded on the final grade roster. The grievance must be filed before the end of the semester following receipt of a grade for the course (summers excluded).

- Every grade grievance must be submitted in writing by the student to the instructor who awarded the grade. The student must copy the department chair/division head when the original grievance is submitted to the instructor.
- The instructor will respond in writing to the student and copy the department chair/division head.
- If the response from the instructor is not satisfactory to the student, a written petition of appeal to the department chair/division head must be submitted.
- The department chair/division head will respond to the student's petition of appeal in writing, copying the instructor.
- If the decision of the department chair/division head is unsatisfactory to the student, they may appeal to the dean of the appropriate college.
- The dean will respond to the student's petition of appeal in writing, copying the instructor and the department chair/division head.
- If the student considers the matter unresolved at that point, they may, with the assistance of their advisor, appeal to the Academic Standards Committee of the University, which will review the documentation and determine a resolution. The Academic Standards Committee may request additional information from the student and/or instructor involved.
- The decision of the Academic Standards Committee is final and cannot be appealed.

Any other academic grievances or complaints should be directed to the department chair/division head and/or the dean of the college.

Pass/Fail Grading Option

Juniors and seniors may take one elective course during each of the last four semesters in residence on a pass/fail basis. This course cannot be used to fulfill a requirement of the major, minor, concentration,

or general education core. The grade received is excluded from the GPA and earns no quality points. To enroll in a course on a pass/ fail basis, students must complete a pass/fail form in the Office of the Registrar when they register for the course and before the last day of the add/drop period. Once a course is undertaken on this basis, it cannot be changed to a standard letter graded course.

Letter Grade Option

Students taking Honors courses (HON 1010, 1020, 2000, 2010, 2020, 3010, 4010) and IDS 2100 have the option of receiving academic credits in these courses in the form of a traditional (A to F) letter grade or under the current non-traditional letter grade options. To enroll in one of the above-mentioned courses and receive credits in the form of a letter grade, the student must complete a letter grade form in the Office of the Registrar no later than the last day of the add/drop period for the semester in which the course is to be taken. The decision to receive a traditional grade is irrevocable after the add/drop period ends.

Directed Study

Directed Studies cannot be used to replace previously earned academic grades. Only in unusual circumstances can a student register for a non-scheduled course as a directed study. Any non-scheduled course in the Methodist University Catalog, except for courses numbered 4990, taught on a one-to-one basis is considered a directed study. The reasons for the request must be approved by the faculty advisor, the course instructor, the department chair/division head, and the college dean.

Directed studies have a minimum of seven hours of instructional contact time per credit hour. Students cannot take more than two directed studies at Methodist University. Exceptions to any of these policies can be made only by the provost.

Independent Study

Independent Studies cannot be used to replace previously earned academic grades. An Independent Study is reserved as an opportunity for well-qualified, upper-division students to engage in special research in their major. Regular courses from the Methodist University Catalog are not offered as Independent Studies. Independent Studies must be approved by the academic and career advisor, the faculty supervisor, the department chair or division head, and the college dean. Independent Studies are supervised only by full-time faculty members. Independent Studies have a minimum of three hours of instructional contact time per credit hour. Exceptions to any of these policies can be made only by the provost.

Internships

Internship policies are available in the Academic and Career Advising Office in One Stop. Individual departments and programs may establish their own internship policies to meet accreditation requirements.

ACADEMIC CREDIT

Methodist University Definition of a Credit Hour

Methodist University defines a credit hour according to federal and regional accreditation guidelines, along with generally accepted practices in higher education. This definition applies equally at the undergraduate and graduate level. A credit hour is the amount of academic work represented by:

- Not less than one contact hour of direct faculty instruction and a minimum of two hours of out-of-class student work for each week of approximately 15 weeks instruction for one semester, or the equivalent amount of work over a different amount of time.

- At least an equivalent amount of work as outlined above for other academic activities, as established by the institution including distance education, laboratory work, directed and independent study, internships, practica, student teaching, clinical rotations, physical education, studio work, and other academic work leading to the award of credit hours.
- Faculty who teach remote, hybrid, or online classes have identical learning outcomes and content established for an on-campus/in-person course as for online delivery and assessment of student learning. The faculty are responsible for ensuring that the student's demonstrated expected learning outcomes are equivalent to the credit hours earned.

Transfer Credit

Methodist University welcomes transfer students and appreciates the diversity of experiences they bring to the classroom environment. In determining the transferability of academic credit, the following minimum guidelines are followed:

- The acceptance of transfer credit is at the sole discretion of Methodist University.
- The institution awarding the grade was accredited by a regional accrediting agency at the time the grade was earned.
- All transfer courses must be similar or equivalent in content to those offered at Methodist University or considered applicable as elective credits.
- A course grade of "C" or better was earned. A grade of pass or satisfactory where the "P" or "S" grade equates to a standard letter grade of "C" or better as explicitly stated in the catalog of the school of record is also acceptable.
- A maximum of 64 credit hours of course work from two-year post-secondary institutions may be accepted by Methodist University.
- A maximum of 93 credit hours of course work, from all sources, may be accepted as transfer credit by Methodist University. For degree completion, at least 25% of the credit hours must be earned through instruction at Methodist University.
- Remedial and/or Developmental courses will not be accepted as transfer credit.
- Pass/Satisfactory grades earned through completion of examination for credit will not be considered.
- Major coursework cannot be satisfied with a Pass or Satisfactory grade.
- Methodist University students are not allowed to transfer in Pass or Satisfactory grades for completion of coursework as a transient student. All approved coursework as a transient student must be taken for a standard letter grade.
- Audited courses will not be accepted as transfer credit.
- Duplicate credit cannot be earned for equivalent content regardless of modality.

Challenge Examinations

In select circumstances, specific Methodist University courses may be challenged for student credit hours or to place out of a pre-requisite course (no credit hours earned) based on prior learning by passing a validating examination.

Challenge examinations must meet University standards for validity and reliability. Challenge exam credit hours are not awarded for prior learning in high school courses, or in coursework earned at regionally accredited colleges and universities, which should be transcribed as transfer credit. A list of courses that can be challenged and the challenge process are available in the Office of the Registrar.

Credit by Examination

Students may earn up to 45 credit hours by examinations endorsed by the American Council on Education.

Foreign Language Credits: Upon receipt of official CLEP or ACTFL (American Council on the Teaching of Foreign Language) written and reading grade reports, a maximum credit of 14 credit hours in a foreign language can be awarded. Credit hours awarded through the CLEP or ACTFL examination program do not affect the student's GPA; they cannot be used to replace grades previously earned at Methodist University, nor can they be used to fulfill residency requirements. All testing fees will be paid by the student.

International Baccalaureate (IB) Credit: Methodist University awards up to six credit hours of transfer credits in a specific discipline for Higher Level International Baccalaureate scores of 5 and above (A1 or A2 exams are required for English). The maximum transfer credit for Higher Level International Baccalaureate awarded by Methodist University is 30 credit hours.

Other Credit by Examination: Upon initial receipt of official ACTFL, CLEP/DSST grade reports or transcripts, credit may be earned through the College Level Examination Program (CLEP) General Examinations, CLEP Subject Examinations, College Board Advanced Placement Examinations, the ACT Proficiency Examination Program (PEP), and Dantes Subject Standardized Tests (DSST's). Credit hours awarded through the CLEP or ACTFL examination program do not affect the student's GPA; they cannot be used to replace grades previously earned at Methodist University, nor can they be used to fulfill residency requirements. All testing fees will be paid by the student.

Transient Student Approval

All students interested in attending another institution after officially enrolling as a degree seeking student at Methodist university must request transient student approval. All requests and intended coursework must be approved by the Academic and Career Advisor after a thorough review of potential course duplication, residency requirements, degree requirements, course description, syllabi, and transfer credit hour limitations. The academic and career advisor will cascade official approvals to the Office of the Registrar for transcribing coursework once completed and upon receipt of an official transcript.

Additionally:

- It is the student's responsibility to satisfy any admissions requirements for the chosen college or university.
- An official academic transcript must be forwarded to Methodist University after completion of transient course work. However, only approved coursework completed with a final grade of C or better will be accepted and recorded. Pass or Satisfactory grades will not be accepted.
- All approved coursework as a transient student must be taken for a standard letter grade.

Transient coursework will be transcribed in the same manner as all other transfer credits with no impact to grade point average or attempted hours.

ACADEMIC HONORS AND RECOGNITIONS

The President's List

Students who achieve a 3.90 GPA with at least 46.8 quality points during the semester on a total course load of 12 or more credit hours, with no grade of D or F are named to the President's List. Students

awarded the grade of Incomplete in a course whose grade in that course is changed after the President's List is posted will be retroactively named to the list if they meet the requirements listed above.

The Dean's List

Students who achieve a 3.50 or better GPA with at least 42.0 quality points during the semester on a total course load of 12 or more credit hours, with no grade of D or F are named to the Dean's List. Students awarded the grade of Incomplete in a course whose grade in that course is changed after the President's List is posted will be retroactively named to the list if they meet the requirements listed above.

ACADEMIC STANDING

Academic Standing is calculated for every undergraduate Methodist University and Methodist University Online student at the conclusion of each fall and spring semester.

Academic Standing Status

- Good Academic Standing
- Academic Warning
- Academic Suspension
- Academic Dismissal

Good Academic Standing

The status of Good Academic Standing is applied to any student who obtains a cumulative or semester grade point average of 2.00 or above and meets the minimum completion rate requirement.

Academic Warning

The status of Academic Warning is applied to any student who obtains a cumulative and semester grade point average below a 2.00 or does not meet the minimum completion rate requirement.

Students on Academic Warning must adhere to all the following:

- Meet with the Student Success Coordinator and develop an academic success plan for the enrolled semester.
- Meet twice during a semester with the Student Success Coordinator to review and check in on academic progress.
- Meet with assigned Academic and Career Advisor monthly throughout the semester while Academic Warning is in effect.
- Students on Academic Warning will be automatically enrolled in the Academic Success Canvas Course. They are required to complete the course assignments and meet course deadlines. Successful completion of the course by the end of the warning semester is required for one to be released from Academic Warning status.

Restoration to Good Academic Standing requires a student to obtain a minimum cumulative or semester Grade Point Average of 2.00 or above and meet the minimum completion rate requirement.

Students are permitted to participate in extracurricular activities (clubs, organizations, intercollegiate athletics practice and competition, intramurals, etc.) while Academic Warning is in effect.

Academic Suspension

If Academic Warning is in effect for a student for any two consecutively enrolled semesters at Methodist University, not to include summers, will be placed on Academic Suspension.

Academic Suspension Appeal Procedure

Methodist University recognizes there may be extenuating and mitigating circumstances affecting student performance. Methodist University allows students to appeal their academic suspension status by submitting an appeal letter with documentation to academicsuspensionappeal@methodist.edu.

Examples of extenuating circumstances include but are not limited to:

- Death of a relative
- Serious physical or mental health illness or injury
- Other extraordinary personal circumstances that inhibit academic performance

The student's appeal must describe why the student didn't maintain good academic standing, provide reasonable documentation of that circumstance, and explain what has changed that will allow them to maintain good academic standing thereafter. Appeal deadlines will be shared with the student following the notification of suspension. An appeal committee will meet to review all appeals. The entirety of the student's case, including academic record and financial aid standing, will be taken into consideration in appeal decisions. Students will be notified of the appeal decision within 10 business days of the committee review. The decision of the appeal committee is final.

Academic Suspension Reinstatement

For reinstatement, students on academic suspension must complete one of the following:

- Students must earn a minimum of 6 credit hours at a regionally accredited institution with a grade of "C" or better. Students who submit official transcripts documenting these criteria have been met will be reinstated.
- Students may also engage in an approved alternative option.

An Academic Standing status of *Warning* will be applied to students who are reinstated after Academic Suspension. Students not meeting Federal Financial Aid Satisfactory Academic Progress requirements for GPA and completion rate must contact the Office of Financial Aid for guidance.

Students who have been previously academically suspended and reinstated to Methodist University will be placed on Academic Warning and will have two semesters of enrollment to regain good academic standing. If a status of good academic standing has not been met following the second semester of enrollment, the student will be academically dismissed.

Academic Dismissal

If a student is placed on a second Academic Suspension, the student will be dismissed from Methodist University. Academic Dismissals are final and cannot be appealed.

GPA Calculation

To calculate your semester GPA:

- Multiply the number of attempted credit hours by the quality point value for each class.
- Total the number of quality points earned for the semester.
- Divide the total quality points by the total number of attempted credit hours for the semester.

To calculate your cumulative GPA, total the number of quality points earned for all semesters in attendance and divide the total quality points by the total number of attempted credit hours for all semesters.

Completion Rate Definition

Each semester an undergraduate student must earn a minimum of 67% of the hours registered for at the end of schedule adjustment. Schedule adjustment is also known as the add/drop period. Schedule adjustment typically ends on the Friday of the first week of classes. Please check the University's Academic Calendar for specific dates.

To find the minimum hours required, take the number of credit hours at the end of schedule adjustment, and multiply it by .67. For example: If a student had 12 hours at the end of schedule adjustment, then the student would have to earn at least 8 hours to be compliant with completion rate requirements. Completion rate compliance impacts students' ability to receive financial aid.

Academic Clemency

The clemency policy, which allows students to apply for readmission if they have been expelled or dismissed from Methodist for five years or more because of insufficient academic performance or for violation of the University Honor Code.

- An individual must be a degree-seeking student.
- A student can only be granted clemency once.

Academic Clemency Process

A student seeking Academic Clemency must complete the Readmissions Form. Clemency requests must be received by the following deadlines: For the Fall semester – March 1, Spring semester – October 1.

An Appeal Committee convened by the Registrar and composed of an admissions counselor/officer, an Academic and Career Advisor, Financial Aid Officer, a member of Academic Standards Committee, and a representative from student affairs will review the requests and make recommendation to the Provost, who then will make the final decision.

Academic Clemency Terms and Conditions

- The notation "Academic Clemency" will be placed on the student's transcript after the completion of six credit hours at Methodist University.
- Students will be on probationary status for two semesters.
- A student's GPA cannot drop below a GPA of 2.0 in any semester or term.
- Courses taken after the student left the institution will be subject to the institutional transfer policy.
- All courses attempted will remain on the transcript but only courses with a grade of "C or better" will be calculated into the GPA. The forgiveness date will be placed on the transcript beside the course work that is forgiven.
- The grade forgiveness has been exhausted, but courses taken prior to clemency that have been forfeited do not count against the repeat policy.
- Students will be ineligible for Latin honors when graduating.

ACADEMIC SERVICES AND SUPPORT

One Stop – Academic and Career Advising

Academic and Career Advisors are a student's main points of contact for questions about course schedules, progress to degree, and career advisement. Academic and Career Advising at Methodist University is a collaborative partnership through which advisors equip, inspire, and empower students to reach their educational and professional goals. All students are assigned an Academic and Career Advisor and remain with their advisor throughout their enrollment at the University.

One Stop – Academic Support Services

The Monarch Tutoring Center

The Monarch Tutoring Center provides academic support to all Methodist University students through one-on-one or group sessions. Peer tutors, who are proficient in various academic disciplines, help students understand challenging subjects, develop study strategies, and foster problem-solving skills to empower students in achieving academic success. Appointments can be scheduled either in-person or online through the Monarch Tutoring Center's website at <https://www.methodist.edu/academics/one-stop/tutoring-center/> or at www.methodist.mywconline.com . Additionally, same day appointments may be available for immediate support.

The Writing Center

The Writing Center is a specialized, cross-disciplinary facility dedicated to individual instruction in writing. It is open to all members of the Methodist University community – students, faculty, and staff. Trained professionals and peer writing consultants are available to assist with all aspects of writing and provide a supportive and collaborative environment to enhance writing skills, boost confidence, and promote academic success. Appointments can be scheduled either in-person or online through the Writing Center's website at www.methodist.edu/writing-center or at www.methodist.mywconline.com . Additionally, same day appointments may be available for immediate support.

Student Access and Accommodation Services

At Methodist University, we are dedicated to ensuring that students with disabilities have equal access to a comprehensive education rooted in the liberal arts tradition. Our core values focus on nurturing moral principles, fostering ethical decision making, and preparing students for a wide range of career opportunities. Additionally, we are committed to providing educational and cultural resources to our community. Student Access and Accommodation Services emphasizes the importance of inclusivity from the very beginning. We offer pre-admission conferences to introduce both parents and students to our comprehensive services. We strongly encourage all students who may benefit from our support to register with the office prior to their first academic year. However, students are welcome to discuss their needs and access services at any point during their college career. We understand that every student's journey is unique, and Student Access and Accommodation Services is here to provide the necessary accommodations, resources, and guidance. We strive to create an environment where all students can thrive academically, engage in campus life, and achieve their fullest potential.

GRADUATION

Intent to Graduate

All students near completion of a Methodist University degree must file an electronic “Intent to Graduate” form via the myMU portal to be considered for formal candidacy. Due dates are as follows:

May/Spring degree completion	November 1
August/Summer degree completion	June 1
December/Fall degree completion	August 1

The University assumes no responsibility for making special adjustments for students who fail to file the requisite form by the published due date.

The graduation fee must be paid no later than one month prior to the date of graduation. All financial obligations must be paid in full before a student can receive any official documents from the University, inclusive of their diploma.

University Requirements for Undergraduate Degree Conferral

Methodist University confers the associate or bachelor degree when the student meets all the following qualifications:

Bachelor Degree Conferral

- Student has earned at least 124 approved credit hours with a minimum cumulative GPA of 2.00 and 2.00 in the major.
- Student has satisfactorily completed all general education/core curriculum requirements for the degree.
- Student has satisfactorily completed all course and GPA requirements specified for the major, and any declared concentration and/or any declared minor.
- Student has satisfactorily completed a minimum of 31 credit hours in residence at Methodist University.

Associate Degree Conferral

- Student has earned at least 62 approved credit hours with a minimum cumulative GPA of 2.00.
- Student has satisfactorily completed all general education/core curriculum requirements for the degree.
- Student has successfully completed all requirements for a concentration or for the general studies program.
- Student has earned a minimum of 16 credit hours in residence at Methodist University.

For the requirements for the master and doctoral degrees, please see the specific master and doctoral programs in the Graduate Catalog.

Graduation with Latin Honors

To graduate with Latin honors, candidates for the bachelor's degree must have completed a minimum of 60 credit hours of graded courses in residence at Methodist University, excluding pass/fail grades.

Students who attain high scholastic achievement while in residence at Methodist University will be recognized at graduation as "Honors Graduates." The appropriate designation will appear on the student's diploma and permanent academic record. Only the student's cumulative residency grade point average will be considered for graduation honors as follows:

Summa Cum Laude	3.90
Magna Cum Laude	3.70
Cum Laude	3.50

Commencement Ceremony

The University holds one formal commencement ceremony in May. Undergraduate students must be within 12 credit hours of completing all degree requirements to be eligible to participate in the commencement ceremony. All remaining university and program requirements must be completed in the next immediate semester. Degrees will be conferred on the conferral date following completion of all degree requirements.

Academic Record Closure

When students complete all requirements for bachelor, master, or doctoral degrees and the degree is conferred, academic records for those degrees are complete. No courses can be added to a conferred degree, and the graduation GPA cannot be changed by repeating courses.

HONOR CODE

In the pursuit of academic studies at Methodist University, every student has the responsibility of obeying the Honor Code, which prohibits cheating (including plagiarism), and academic misrepresentation. Each student is responsible for becoming familiar with the Honor Code. All work submitted to instructors must comply with the rules of the Honor Code and “pledged” as an indication of its conformity to the rules of the Honor Code. Violations of the code may be reported by any member of the Methodist University community.

Academic endeavor is undermined by cheating, plagiarism, or lying for academic advantage. The faculty has the duty to promote an atmosphere of honest learning through its own example as a community of scholars but also through the establishment and support of a system by which students charged with academic wrongdoing can be fairly judged with appropriate penalty. That system at Methodist University is founded on the following principles:

- Student civil rights must be protected. Among these are the right to an orderly hearing following due process, the right to confront accusers, the right to avoid self-incrimination, and the right to present evidence and call witnesses.
- Grading is the prerogative of the faculty member, even in cases in which cheating has occurred. In those cases, however, in which the student is dissatisfied with such a private settlement, fairness dictates that faculty members accept the recommendations of the University community resulting from a hearing process.
- More severe penalties (suspension and expulsion) are the responsibility of the University as a whole, and decisions involving such penalties require the participation of the faculty, the students, and the administration.
- A fair and independent appeal process is vital to protect student rights and correct abuses.
- Although the relationship between student and teacher is essentially a private one and while academic violations can and should be kept between two parties and resolved to their satisfaction, fairness to the larger community requires that all violations be reported to the Honor Board. In cases in which matters cannot be resolved in this way, they may be appealed, by either party, to the Honor Board. Repeat violators face mandatory Honor Board hearings.
- Consistency requires that a relatively small and fixed group hear and judge Honor Board cases.
- The adversarial system utilized in litigation is not used in Honor Board cases; rather, the procedure is more conversational in character.

Jurisdiction

Cheating, plagiarism, and academic misrepresentation (lying) are academic offenses that fall under the jurisdiction of the Methodist University Honor Code. Students must understand what these offenses are and how to avoid them.

Cheating

Assignments and examinations should be the products of the student’s own efforts. Cheating includes, but is not limited to, the use of unauthorized materials for examinations or assignments, unauthorized assistance from other people, and papers from commercial companies or the internet. Students should assume, unless told otherwise, that examinations and assignments should be completed without the use of books, notes, or conversation with others; however, individual faculty members may authorize certain types of materials or collaborations for specific assignments. Students should therefore follow the expectations of their instructor regarding the use of materials for their assignments.

Plagiarism and Intellectual Property

Plagiarism is copying another person's work and presenting it as one's own. Plagiarism is committed when a student knowingly represents another person's work as their own. A student who has tried in good faith to credit their source but has "misused a specific citation format, or incorrectly used quotation marks" has not plagiarized. Such a student has "failed to cite and document sources appropriately," according to the [Council of Writing Program Administrators](#).

Plagiarism is often associated with written work when a writer copies a section of another writer's work and fails to acknowledge the source by using quotation marks and proper academic citation. However, plagiarism may exist in other works, such as scientific posters, painting, music, and film. Sources must be acknowledged in a manner appropriate to the discipline when images, composition, or conceptions are copied, even when the appropriated material is reconfigured to make a new meaning. Other types of plagiarism include 'mosaic plagiarism' and paraphrasing without attribution. In mosaic plagiarism, pieces of other people's work are rearranged without acknowledgment. Paraphrasing without attribution is rewording someone else's work without acknowledging the original author's research or thinking.

For methods of documentation and all other aspects of manuscript form, students should follow current practices advocated by style manuals (e.g., MLA, APA, Chicago/Turabian) recommended by individual departments and/or professors.

Recycling

Students should not assume that reusing or recycling assignments from other coursework is acceptable; they must disclose their intention to reuse or rework material at the outset of the project to be sure that they have the faculty member's approval.

Academic Misrepresentation

Students may not lie to gain academic advantage. Cases of academic misrepresentation include, but are not limited to:

- forged or false signatures on documentation,
- forged or false excuses for class absences,
- forged or false evidence of completed work
- lying to university faculty and staff about any academic work or status

Academic Violations of the Honor Code

STEP ONE: Faculty

If a faculty member believes a student has committed an academic violation of the Honor Code (see descriptions above), the faculty member will notify the student and meet with them to discuss the issue. The student may not bring anyone to this meeting. At that meeting the student will be presented with evidence supporting the claim of a violation and may choose to present evidence either in support of or contradicting such violation. The faculty member will consider the evidence and render a decision in writing as soon as practicable after the meeting. Such decision will include any actions taken to remedy the situation and/or any penalty appropriate to the level of violation. The maximum level of penalty decided by the faculty member is an F in the course.

Faculty members are expected to make a sincere effort at communicating with the student to coordinate a meeting. However, if the student does not reply to the faculty member's request, refuses to meet within a reasonable amount of time, or does not attend a scheduled meeting, the faculty member may move forward through the process, imposing the penalty and submitting the required information on the Honor Code Violation form.

The student will:

- accept the decision and the penalty, or
- appeal the decision to the Honor Board.

If the student accepts the decision, the faculty member will impose the penalty. The faculty member must notify both the department chair/division head and the Office of the Provost of the situation, and any penalty imposed, by completing the Honor Code Violation form in the myMU portal.

STEP TWO: Honor Board

- The student may appeal to the Honor Board if they considers a faculty member's settlement unfair.
- The faculty member may appeal to the Honor Board for major violations for which they determine a failing course grade is insufficient penalty.
- The Office of the Provost may bring students with repeated violations of the Honor Code to the Honor Board.
- Any member of the University community may bring a case directly to the Honor Board.
- The Honor Board does not consider grade appeals (see Grade Appeal Policy)
- To initiate an Honor Board hearing, contact the Chair of the Academic Standards Committee.

Honor Board Composition and Roles

The Honor Board is appointed by the Chair of Academic Standards. The Chair serves as a non-voting moderator of the Honor Board. The Chair arranges the time, place, and personnel for the hearing panels, takes notes on the Honor Board case as presented, and forwards written documentation of the case, including the decision, to the Office of the Provost.

The Honor Board consists of two students (designated by the Student Government Association and approved by the Vice President for Student Affairs & Dean of Students) and three faculty members (designated by the chair of Academic Standards).

Appeal Procedure

All student appeals and other cases must be brought to the Honor Board in writing before the end of the subsequent semester, excluding the summer semester. The case/appeal must be submitted through the Honor Board Violation form in the myMU Portal, providing details on the violation and an explanation for why it was not resolved at the course level and why the case is being brought to the Honor Board. The Office of the Provost will forward the appeal documentation to the Chair of the Academic Standards Committee.

- Upon receiving the case/appeal, the Chair of the Academic Standards Committee (Chair) arranges an Honor Board Panel, the time, the location for the hearing, and notifies the parties involved.
- The Chair informs the student of the right to have any person from the University community attend as an advisor and a counsel.
- The person who brought the case presents evidence of alleged offense and the rationale for the penalty imposed (if applicable). The Honor Board members ask any questions of the person who brought the case needed to clarify the issue.
- The student states the reason for their appeal or responds with evidence to the allegation. The Honor Board members ask any questions of the student needed to clarify the issue.
- The Honor Board panel members ask any questions of either party needed to clarify the issue, except that students are not required to incriminate themselves.

- The panel retires to consider the case and reconvenes as soon as possible to announce the decision. Deliberations in reaching a decision are documented in written notes and in the written decision. Panel decisions are by majority vote.
- The person who brought the case is obligated to accept the panel's decision at this stage in the process.
- If the panel finds in favor of the person who brought the case (or adds additional penalties), the student has the right to appeal in writing to the Office of the Provost within 24 hours or by the end of the next working day, whichever is later. No formal grounds for this appeal are necessary.
- The Chair of the Honor Board (Chair of Academic Standards) sends the Provost a written report on the board's findings and decision.
- The Provost may use the documentation as the basis for a judgment on any appeal or may choose to speak to the parties involved and examine the physical evidence. The Provost communicates the result of any appeal beyond the Honor Board decision in writing to the student and to the Chair of Academic Standards, with details for the reason for any change. The student remains in class pending resolution of the appeal. The decision of the Provost is final and is not subject to further appeal.

Honor Board Penalties

The Honor Board or Provost may assign the following penalties:

- Grade of F on the assignment(s)/evaluation(s)
- Grade of F in the course
- Suspension from the University for a defined period of time, which requires completion of an Honor Board Readmission Form with panel review for readmittance
- Expulsion from the University with no option for return
- The Honor Board may also void any previous penalties imposed by the faculty member.

GENERAL EDUCATION CORE

Mission Statement and Goals

The Methodist University General Education Program provides a foundation for personal, professional, and civic success. The program is designed to develop competencies in the skills crucial to success while engaging students in the study of topics important to 21st century life.

The Methodist University General Education Program produces graduates who demonstrate competence in the following skills:

- Computer usage
- Critical thinking
- Information literacy
- Oral communication
- Quantitative reasoning
- Research
- Written communication

Students develop competence in these skills while studying the following topics:

- Fine arts
- Global perspective
- Humanities
- Mathematics
- Natural sciences
- Social sciences

- Wellness

While studying these topics, students will encounter material designed to raise their awareness of ethical reasoning, cultural diversity, global interdependence, and environmental issues.

Associate Degree General Education Core Requirements

INTERDISCIPLINARY STUDIES (1 credit hour)

- IDS 2100 Reading Circle

COMPUTER COMPETENCY (3 credit hours)

- CSC 1000 Computer Literacy: Introduction to Computers and Information Technology *OR*
- BUS 1700 Computer Business Applications (Reeves School of Business majors only) *OR*
- Successfully passing the CSC 1000 competency test*

WRITTEN COMMUNICATION (6 credit hours)

- ENG 1010 Composition *and*
- ENG 1040 Composition and Rhetoric

Incoming students who feel they need extra support in the classroom should register for ENG 1010-WL, which contains a writing lab component. Students are expected to complete the required English composition 2-semester sequence in their first three (3) semesters of enrollment.

ORAL COMMUNICATION (3 credit hours - choose one course from the list below)

- CME 1500 Introduction to Interpersonal Communication
- CME 1510 Speech Communication*
- CME 2540 Strategic Communication
- CME 3600 Exploring Cross Cultural Communication

HUMANITIES (3 credit hours - choose one course from the list below)

- 3 credit hour Literature course at the 2000 level or higher except EDU 3620
- 3 credit hour History course
- 3 credit hour Religion course

FINE ARTS (3 credit hours – choose one course from the list below)

- ARH 1510 Language of Art
- ARH 2530 Survey of Art History I
- ARH 2540 Survey of Art History II
- MUS 1510 Survey of Music in Western Civilization
- MUS 1520 Jazz and Popular Culture
- MUS 1600 Music Fundamentals
- MUS 1610 Music Theory I
- THE 1620 Survey of Theatre
- THE 1630 Basic Stagecraft
- 3 credit hours in applied music/ensemble/voice class for non-music majors (MUS 1110-1120) or theatre ensemble

MATHEMATICS (3 credit hours)

- MAT 1050 College Algebra or higher (except MAT 1060 and MAT 2060)

Mathematics 1005 and/or 1015 as needed. Entry level is determined by scores attained on standardized ACT/SAT and high school English and mathematics grades.

NATURAL SCIENCE (3-4 credit hours)

- One Lab Science beginning with one of the following prefixes: BIO, CHE, GSC, PHY, or SCI

SOCIAL SCIENCE (3 credit hours)

- One course from the following disciplines: Economics, Political Science, Psychology or Sociology

WELLNESS (2-3 credit hours)

- WEL 1010 CPR/Lifetime Activities and either WEL 2010, 2011, 2012, 2013 or 2350 (Intercollegiate Sports)
OR
- WEL 2180 Concepts of Fitness and Nutrition

LIBRARY COMPETENCY (0 credit hours)******Associate of Arts with a concentration in General Studies**

Students must complete the General Education Core requirements for associate degrees plus any electives to meet 62 credit hours. A minimum cumulative GPA of 2.00 and a minimum of 16 credit hours in residence at Methodist University are also required.

Bachelor Degree General Education Core Requirements**INTERDISCIPLINARY STUDIES (1-5 credit hours)**

- MUJ 1100, MUJ 2200, and MUJ 3300 Methodist University Journey**
- IDS 2100 Reading Circle

COMPUTER COMPETENCY (3 credit hours)

- CSC 1000 Computer Literacy: Introduction to Computers and Information Technology *OR*
- BUS 1700 Computer Business Applications (Reeves School of Business majors only) *OR*
- Successfully passing the CSC 1000 competency test*

A student must pass CSC 1000 (or BUS 1700 for Reeves School of Business Majors ONLY) prior to completing 60 credit hours to satisfy the Computer Competency Requirement.

WRITTEN COMMUNICATION (6 credit hours)

- ENG 1010 Composition *and*
- ENG 1040 Composition and Rhetoric

Incoming students who feel they need extra support in the classroom should register for ENG 1010-WL, which contains a writing lab component. Students are expected to complete the required English composition 2-semester sequence in their first three (3) semesters of enrollment.

ORAL COMMUNICATION (3 credit hours - choose one course from the list below)

- CME 1500 Introduction to Interpersonal Communication
- CME 1510 Speech Communication*
- CME 2540 Strategic Communication
- CME 3600 Exploring Cross Cultural Communication

GLOBAL PERSPECTIVE ELECTIVE (minimum 3 credit hours)

- Any course from the approved list may be used to fulfill the global perspective elective as long as it is outside the major, minor, or concentration. This means courses such as HIS 1030 or REL 1030 can double count as fulfilling both humanities and global perspective requirements.

HUMANITIES (9 credit hours)

- 3 credit hour Literature course at the 2000 level or higher except EDU3620
- 3 credit hour History course
- 3 credit hour Religion course

FINE ARTS (3 credit hours – choose one course from the list below)

- ARH 1510 Language of Art
- ARH 2530 Survey of Art History I
- ARH 2540 Survey of Art History II
- MUS 1510 Survey of Music in Western Civilization
- MUS 1520 Jazz and Popular Culture
- MUS 1600 Music Fundamentals
- MUS 1610 Music Theory I
- THE 1620 Survey of Theatre
- THE 1630 Basic Stagecraft
- 3 credit hours in applied music/ensemble/voice class for non-music majors (MUS 1110-1120) or theatre ensemble

MATHEMATICS (3 credit hours)

- MAT 1050 College Algebra or higher (except MAT 1060 and MAT 2060)

Mathematics 1005 and/or 1015 as needed. Entry level is determined by scores attained on standardized ACT/SAT and high school English and mathematics grades.

NATURAL SCIENCE (6-8 credit hours)

- Two Lab Sciences beginning with one of the following prefixes: BIO, CHE, GSC, PHY, or SCI
- Students will not receive general education credit for both SCI 1410 and GSC 1600; SCI 1420 and BIO 1530; or SCI 1430 and CHE 1510. However, students can combine BIO 1530 and 1531 with CHE 1510 and 1511, GSC 1600, or PHY 1510 to meet the core/general education science requirements if they have the appropriate prerequisites. BIO 1530 can also be combined with SCI 1410 and 1430 courses to fulfill the core/general education science requirement. BIO 1530 may also be combined with upper-level biology courses to fulfill the science core requirement.

SOCIAL SCIENCE (3 credit hours)

- One course from the following disciplines: Economics, Political Science, Psychology or Sociology

WELLNESS (2-3 credit hours)

- WEL 1010 CPR/Lifetime Activities and either WEL 2010, 2011, 2012, 2013 or 2350 (Intercollegiate Sports)
- or*
- WEL 2180 Concepts of Fitness and Nutrition

LIBERAL ARTS ELECTIVE (3-4 credit hours)

- Students choose a 3-4 credit hour course from the fine arts, humanities, mathematics, computer science, natural sciences, foreign languages, and/or social sciences.

LIBRARY COMPETENCY (0 credit hours)***

Computer and Oral Communication and Competency Requirement*

Students who pass a competency test for CME 1510 and/or CSC 1000 will not be required to take the class for which a test is passed. Passing a competency test does provide credit nor serve as a course attempt but will satisfy the respective general education CME and/or CSC requirement(s). Students are permitted one single attempt to pass a CSC 1000 and/or CME 1510 competency test. Both tests are administered on a pass/fail basis and at no charge to the student.

Methodist University Journey**

Students are exempt from Methodist University Journey (MUJ) 1100, 2200, and 3300 if either one of the following applies:

- Students have completed First Year Seminar (FYS 1100) prior to August 2019.
- Students who are over 21 years of age or who have successfully completed 12 credit hours or more of transfer credit at an accredited college or university before entering Methodist University. Credit received by AP, IB, CLEP, DSST, ACTFL or Dual Enrollment are excluded from the exemption.
- Students who are officially enrolled in a fully online degree program offered through MU Online.

Library Competency Requirement ***

Students at Methodist University are required to complete a Library Competency class to graduate. A student must pass the Library Competency with a grade of 70 or higher prior to completing 60 credit hours.

Liberal Arts Elective

The Liberal Arts Elective includes courses in the following areas designated as Liberal Arts in the catalog: Fine Arts, Humanities (ENG, HIS, GEO, PHI, REL, or WRI), Mathematics (MAT), Computer Science (CSC), Natural Science (BIO, CHE, GSC, PHY, or SCI), Foreign Language (FRE, GER, SPA, or LAN), Social Science (ECO, PSC, PSY, or SOC), and WST 2000. Only the following courses are Liberal Arts Electives for Fine Arts: ARH 1510, 2530, 2540, 3530, 3540; MUS 1510, 1520, 1600, 1610; THE 1620, 1630, 2000, 3650, or 3 credit hours in applied music/ensemble or theatre ensemble.

A course required in the major that does not have a prefix of that major, such as CHE in the biology major, ENG in the engineering major, or CSC in the mathematics major, may be used as the liberal arts elective as long as the student does not also have a minor or double major in those respective disciplines.

Courses in areas listed above that emphasize professional preparation and pedagogy cannot be used to fulfill the Liberal Arts Elective. The following courses are not Liberal Arts Electives: LAN 2600, LAN 3300, MAT 1060, and MAT 2060.

Developmental courses cannot be used to fulfill the Liberal Arts Elective. The following courses are not Liberal Arts Electives: ENG 1000; ESL 0910, 0920, 0960, 0970, 1210, 1220; and MAT 1005 and 1015.

Courses that fulfill the General Education curriculum outside the Liberal Arts Elective may not be used to fulfill the Liberal Arts Elective.

Special Topics courses may not be used to fulfill the Liberal Arts Elective.

Courses considered to be capstone courses by any program may not be used to fulfill the Liberal Arts Elective.

Global Perspectives Elective

Any course listed below (minimum 3 credit hours) may be used to fulfill the global perspective elective requirement as long as it is outside the major, minor, or concentration. This means courses such as HIS 1030 or REL 1030 can double count as fulfilling both humanities and global perspective requirements.

ACC 4620 International Accounting	HIS 3700 Contemporary World History
ARH 2530 Survey of Art History I	HIS 3850 Special Topics: Medieval Britain
BUS 3310 Fundamentals of International Business	IDS 3550/4550 Study Abroad
BUS 3330 International Business Experience	International Internship
BUS 4850 Special Topics: International Law	LAN 3200 Introduction to Linguistics
CME 3600 Exploring Cross Cultural Communication	LAW 2510 Caribbean Environmental Management and Law
ECO 4200 Comparative Economic Systems	LSS 2850 Special Topic in Leadership-Ultimate Journey
ECO 4520 International Trade and Finance	MKT 4100 Global Marketing
ECO 4650 Economic Growth and Development	PSC 1080 Politics and Sport
ENG 2950/3950 Study Abroad in English	PSC 2270 Comparative Politics
ENG 3420 Women's Literature	PSC 3470 American Foreign Policy
ENG 3520 Global Perspectives in Literature	PSC 3510 International Relations
ENG 3710 Literature of Chaucer	PSC 4010 European Politics
ENG 3730 Literature of Medieval England	PSC 4020 Middle East Politics
ENG 3740 Literature of Shakespeare	PSC 4040 Politics in East Asia
ENG 3920 Victorian Literature: Social Justice & Industry in the 19 th Century	PSC 4050 Latin American Politics
ENG 3020 Modernist Literature	PSC 4400 International Organizations
ENG 3030 Contemporary Literature	PSC 4510 International Political Economy
ENG 3750 Literature of Jane Austen	REL 1030 Introduction to Religion
ENG 3760 Literature of Charles Dickens	REL 1070 Religion and Film
ENG 4850 Special Topics: Wales and London	REL 1500 Eastern Religious Traditions
ENM 2510 Caribbean Environmental Management and Law	REL 1510 Western Religious Traditions
Foreign Language	REL 2010 Survey of Hebrew Bible
GEO 2520 Regional Geography	REL 2020 Survey of the New Testament
HIS 1030 World History I	REL 2020 Survey of the New Testament
HIS 1040 World History II	REL 3020 Jesus and the Gospels
HIS 2170 Race, Ethnicity, and Global Perspective	REL 4040 Myth and Culture
HIS 3010 Modern Asian History	REL 4050 Early Christianity
HIS 3250 Modern History	REL 4060 Reformation Europe
HIS 3310 Topics in Latin American History	SOC 2530 Global Social Problems
LAW 4850 Special Topics: International Law	SOC 2560 Cultural Anthropology

The listed courses may not be offered every semester; the courses will be identified with the letters (GP) throughout the catalog.

Course Numbering and Level Guidelines

1000 –1999 –Introductory/Novice --Generally courses numbered 1000 to 1999 are introductory and open to first-year students. They typically do not have prerequisites.

2000 –2999 –Intermediate – Courses numbered 2000-2999 are designed primarily for sophomores, juniors, and some seniors, though many are also open to first-year students. They are often courses with a 1000- level prerequisite or courses dedicated to a specialized area or field within a discipline.

3000 –3999 –Advanced --Courses numbered 3000-3999 are designed for upper division students, juniors and seniors, with the expectation that the courses build on an intentional sequence of previous coursework, skills, and knowledge and likely have prerequisite sequences. Most often for students clearly qualified in and interested in a field/discipline.

4000 –4999 –Advanced Upper Division --Courses at the 4000 level represent specialized work for senior majors in the departments and programs. Can include internship and practicum courses and capstone experiences.

5000-6000 –Master’s and Doctoral level courses.

Protection of Freedom of Expression

Students should be free to take reasoned exceptions to the data or views offered in any course of study and to reserve judgment about matters of opinion. Students are responsible for learning the content of the course of study for which they are enrolled. The professor in the classroom should encourage free discussion, inquiry, and expression.

ACADEMIC PROGRAMS

MU Online

The following undergraduate programs are available in a fully online setting and are denoted with an asterisk beside the degree program name throughout this catalog:

Associate of Arts, General Studies	Bachelor of Science in Exercise and Sport Science
Bachelor of Applied Science in Accounting	RN to BSN Completion Program (offered exclusively through MU Online)
Bachelor of Science in Accounting	Bachelor of Social Work
Bachelor of Applied Science in Business Administration	Minor in Social Work
Bachelor of Science in Business Administration	Minor in Health Care Administration
Bachelor of Science in Marketing	Minor in Psychology
Bachelor of Science in Computer Information Technology, Business Information Systems	Minor in Criminal Justice
Bachelor of Science in Computer Information Technology, Cybersecurity and Information Assurance	Minor in Computer Information Technology
Bachelor of Arts in Professional Leadership and Ethics	Minor in Accounting
Bachelor of Science in Criminal Justice	Minor in Business Administration
Bachelor of Science in Psychology, Counseling/Clinical Psychology	Minor in Marketing
Bachelor of Science in Psychology, Human Performance Psychology	Concentration in Health Care Administration
Bachelor of Science in Health Care Administration	

The Concentration in Health Care Administration is only available to students pursuing a Bachelor of Science in Accounting, Business Administration, or Marketing through [MU Online](#).

Students enrolled in undergraduate programs offered through [MU Online](#) are governed by all academic policies and graduation requirements outlined in this catalog.

COLLEGE OF BUSINESS, TECHNOLOGY, AND PROFESSIONAL STUDIES

THE CHARLES M. REEVES SCHOOL OF BUSINESS AND ECONOMICS

The purpose of the Charles M. Reeves School of Business and Economics is to fashion and nurture the spirit of entrepreneurship and creative economic endeavor. It does so by developing in students an understanding of the modern American economy, an appreciation of its power and institutional structure, and an ability to function within our economic system. The driving force of the global economy is the entrepreneurial spirit. Without this innovative and creative thrust, whether in a major corporation or a small business, the economy will stagnate.

The value of the entrepreneurial spirit is not limited to business. Innovation, creativity, and ethically responsible risk-taking are needed in government, the military, education, and the church. The Reeves School of Business is dedicated to the development of this entrepreneurial spirit.

Mission Statement

The Reeves School of Business strives to develop students to meet the demands of business and to cultivate ethical leaders who will create economic and social value for a global society.

Vision Statement

The Reeves School of Business aspires to be a recognized leader among business schools, inspiring excellence, innovation, and entrepreneurship.

Values Statement

Ethics: Encourage students to develop a personal code of values and ethics and adhere to moral and ethical principles, including those based on codes of professional ethics.

Professionalism: Provide students with an opportunity to enroll in professional concentrations.

Engagement: Promoting experiential and applied learning opportunities, including internships, co-operative work experiences, projects, practical experiences, and service learning.

Leadership: Prepare students to be successful in their subsequent professional and/or academic careers.

Global: Provide students with opportunities and experiences that will encourage their participation in our global society.

Accreditation

The Reeves School of Business is nationally accredited by the Accreditation Council for Business Schools and Programs to offer the following graduate and undergraduate degrees: the Master of Business Administration (M.B.A.) with a focus in Organizational Management and Leadership, the Associate of Arts (A.A.) with a subject concentration in Accounting, Business Administration, Financial Economics, and Marketing, and the Bachelor of Science (B.S.) in Accounting, Business Administration, Business Analytics, Financial Economics, Management, Marketing, and Sport Management.

Additionally, a minor in Accounting; Business Administration; Business Analytics; Entrepreneurship; Financial Economics; Human Resource Management; International Business; Management; Marketing; Professional Tennis Management; and Sport Management is accredited.

Concentrations in PGA Golf Management, Professional Tennis Management, and Health Care Administration can be applied to certain Reeves School majors and are accredited.

The Reeves School of Business Offerings

The major courses of study offered by the Reeves School of Business are Accounting, Business Administration, Business Analytics, Financial Economics, Management, Marketing, and Sport Management.

A student may attach to some of these majors' various concentrations providing focus on specific professional careers such as Health Care Administration, PGA Golf Management, and Professional Tennis Management.

While a student may envision a career in one of these professional concentrations, it must be emphasized that an appreciation of the Liberal Arts remains at the core of a student's experience at Methodist University. Recognition of this traditional foundation continues to permeate the upper division courses offered to students who choose to enroll in the Reeves School of Business. Courses contain components requiring continued emphasis on developing skills in writing, in critical thinking based on human history, and an appreciation of cultural considerations.

Minors are offered in Accounting, Business Administration, Business Analytics, Entrepreneurship, Economics, Finance, Human Resource Management, International Business, Professional Tennis Management, and Sport Management.

International Business Studies/Exchange Opportunities: Methodist University, through the Reeves School of Business, has an affiliation and an exchange program with the following Business School: Sup De Co in Rennes, France, one of the Grandes Écoles of France, where Methodist University students can spend a semester taking business courses taught in English for credits. The Reeves School of Business also offers annual faculty-led short-term Study Abroad trips; previous locations include Guatemala, Scotland, the Netherlands, the Czech Republic, and Italy.

Centers and Institutes: The Reeves School of Business also houses The Institute for Golf and Tennis Management. This organization offers community and recognition programs, and in some cases, non-academic courses to serve specific needs of professionals in southeastern North Carolina.

Internships and Experiential Learning: Students within the Reeves School of Business are encouraged to successfully complete an internship at a participating work site prior to graduation. It is the responsibility of the intern to secure an internship, and to register for the appropriate course should they desire to earn course credits. The Reeves School of Business seeks quality experiences for our students that build upon coursework and enhance their career opportunities.

Some majors, minors, and concentrations have discipline-specific internship requirements. Internships may be completed in the fall, spring, or summer semesters. The Academic Career and Advising Center can assist students in identifying appropriate internship opportunities. The internship experience is an extension of the classroom and must provide for a practical application of business knowledge and concepts. The internship experience has a defined beginning and end, and a job description with desired qualifications where the skills or knowledge learned must be transferable to other employment settings.

There should be clearly defined learning objectives and goals related to the professional goals of the student's academic coursework. During an internship, there must be supervision by a professional with expertise and an appropriate educational or professional background in the field of the experience.

Note: Students should not register for an Internship or Experiential Learning experience until they have earned at least 24 credit hours (unless otherwise stated in individual program requirements).

ACCOUNTING AND FINANCIAL ECONOMICS

ACCOUNTING (A.A., B.A.S., B.S.)

Accounting offers professional core courses and upper-level accounting courses to prepare students for careers as professional accountants in industry, government, non-profit organizations, and financial institutions. Graduates with accounting majors will be qualified to sit for the Certified Public Accountant exam in North Carolina, as well as many other states. The course of study emphasizes both a conceptual and applied understanding of business information and accounting. The Accounting Department also prepares students for graduate studies in accounting, business, law, and related fields.

Mission

Accounting is the language of business. Our mission in the Accounting Department is to prepare our students to speak and understand this language as they begin their professional careers. The Accounting Department strives to provide the tools for all students to advance to the highest levels of upper management and the chance to make significant contributions in their chosen field.

Goals

- Accounting students will be able to apply accounting principles, theory, and ethics to business decision making.
- Accounting students will be able to prepare and analyze the accounting and financial information generated by individuals and entities for internal and external reporting purposes.
- Accounting students will be able to effectively communicate business and accounting information.
- Accounting students will understand the ethical issues facing accountants in the workplace.
- Accounting students will have the opportunity to participate in projects that require applying accounting knowledge and skills. Programs may include Methodist University's Community Engagement program, Study Abroad, and volunteer opportunities.

Associate of Arts with a concentration in Accounting

Required Courses: 12 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
ACC 3410 Intermediate Accounting I	3 credit hours
ACC 3420 Intermediate Accounting II	3 credit hours

Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level electives in Accounting.

Total: 18 credit hours

*Bachelor of Applied Science in Accounting

Students must have earned an Associate of Applied Science (A.A.S.) degree in Accounting to pursue the Bachelor of Applied Science with a major in Accounting. Students majoring in Accounting must earn a final grade of C or better in all courses with an ACC prefix.

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

Required Courses: 21 credit hours

BUS 1750 Personal Finance OR BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 2160 Statistics for Business and Economics	3 credit hours
BUS 3520 Business Law I	3 credit hours
ACC 3410 Intermediate Accounting I	3 credit hours
ACC 3450 Cost Accounting I	3 credit hours
ACC 3850 Federal Income Taxation I	3 credit hours
ACC 4900 Auditing	3 credit hours

Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level electives in Accounting.

Note: An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.

Total: 45 credit hours

***Bachelor of Science in Accounting**

Students majoring in Accounting must earn a final grade of C or better in all courses with an ACC prefix.

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

RSB Professional Core Requirements: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 3520 Business Law I	3 credit hours

Required Accounting Courses: 15 credit hours

ACC 3410 Intermediate Accounting I	3 credit hours
ACC 3420 Intermediate Accounting II	3 credit hours
ACC 3450 Cost Accounting I	3 credit hours
ACC 3850 Federal Income Taxation I	3 credit hours
ACC 4900 Auditing	3 credit hours

Elective Courses: 9 credit hours

Select three courses (9 credit hours) from any 3000 or 4000 level electives in Accounting.

Note: An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.

Total: 51 credit hours

***Minor in Accounting**

Required Courses: 12 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
ACC 3410 Intermediate Accounting I	3 credit hours
ACC 3420 Intermediate Accounting II	3 credit hours

Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level electives in Accounting.

Total: 18 credit hours

Available Concentrations

Several concentrations are also available to attach to the major in Accounting:

- Health Care Administration
- PGA Golf Management
- Professional Tennis Management

Specific requirements can be found in the respective section of the catalog.

Accounting Course Descriptions - ACC

ACC 1510 PRINCIPLES OF FINANCIAL ACCOUNTING (3)

Fundamentals of financial accounting, with an emphasis on understanding the use of the accounting information system and analyzing and interpreting financial accounting information.

Prerequisites: completion of 12 earned hours or permission of the instructor, department chair, school head, or college dean

Offered: fall and spring

ACC 1520 PRINCIPLES OF MANAGERIAL ACCOUNTING (3)

Completion of fundamentals of financial accounting, with an emphasis on analysis and interpretation of business operations, and an introduction to managerial accounting.

Prerequisites: ACC 1510, or permission of the instructor, department chair, school head, or college dean

Offered: fall and spring

ACC 3010 FRAUD EXAMINATION (3)

This course is an introductory course in Forensic Accounting designed to provide students with an overview of fraud perpetrated against an organization (asset misappropriation), which includes employee theft, vendor fraud, customer fraud, and management fraud, where top management provides misrepresentations, usually on financial statements. The course will cover major methods employees use to commit occupational fraud, as well as expose students to issues in consumer fraud, bankruptcy, divorce, and tax fraud. Students will learn how and why fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.

Prerequisite: ACC 1510 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

ACC 3160 ACCOUNTING INTERNSHIP (3)

Experiential learning acquired through placement with local organizations in either public or the private sectors. The student is assigned duties and responsibilities approved by the Director of Internships and Experiential and supervised and evaluated by the University instructor and on-site trainer. Weekly class

contact, journal or written reports are required. Classroom instruction includes resume/letter writing, interviewing techniques, and oral presentations.

Prerequisites: all required 1000-level courses in accounting and economics; completion of 45 earned hours; a minimum G.P.A. of 2.5 in accounting courses; or permission of the instructor, department chair, school head, or college dean

Offered: as needed

ACC 3410 INTERMEDIATE ACCOUNTING I (3)

A study of financial accounting functions and theory, including recognition and measurement of assets and liabilities.

Prerequisite: ACC 1510 or permission of the instructor, department chair, school head, or college dean

Offered: fall

ACC 3420 INTERMEDIATE ACCOUNTING II (3)

Accounting for long-term liabilities and investments; stockholders' equity and earnings per share calculations; issues relating to income measurement; and the preparation and analysis of financial statements.

Prerequisite: ACC 3410 or permission of the instructor, department chair, school head, or college dean

Offered: spring

ACC 3450 COST ACCOUNTING I (3)

Introductory cost accounting course which emphasizes cost behavior, budgeting, cost management in a manufacturing environment, using costing systems in strategic decision making, and profit planning.

Prerequisites: ACC 1520 or permission of the instructor, department chair, school head, or college dean

Offered: fall

ACC 3460 COST ACCOUNTING II (3)

A study of cost allocations, analysis of variances, and making decisions using cost information decisions. Current topics in cost accounting will also be studied.

Prerequisites: ACC 3450, or permission of the instructor, department chair, school head, or college dean

Offered: as needed

ACC 3850 FEDERAL INCOME TAXATION I (3)

Federal income tax law with emphasis on the individual. Filing status, gross income, exclusions, deductions, adjusted gross income, and tax credits are analyzed. Property transactions and special tax treatment for businesses are also studied.

Prerequisite: ACC 1510, or permission of the instructor, department chair, school head, or college dean

Offered: fall

ACC 3860 FEDERAL INCOME TAXATION II (3)

Federal income tax law with emphasis on the taxation of businesses and the tax consequences of business decisions. The course will study partnership, corporation, Subchapter S, taxation of non-profits and fiduciary returns.

Prerequisite: ACC 3850, or permission of the instructor, department chair, school head, or college dean

Offered: as needed

ACC 4310 ACCOUNTING INFORMATION SYSTEMS (3)

Accounting within a computerized environment and integrating information systems concepts into the basic accounting processes.

Prerequisite: ACC 1520 or permission of the instructor, department chair, school head, or college dean
Offered: as needed

ACC 4620 INTERNATIONAL ACCOUNTING (3) (GP)

Students will gain an understanding of how accounting is practiced in various countries and regions of the world, and how these accounting practices affect the production of financial statements.

Prerequisites: ACC 1510 or permission of the instructor, department chair, school head, or college dean
Offered: as needed

ACC 4630 FUND ACCOUNTING (3)

Accounting for non-profit entities with emphasis on governmental units, colleges/universities, and hospitals.

Prerequisite: ACC 1510 or permission of the instructor, department chair, school head, or college dean
Offered: as needed

ACC 4810 ADVANCED ACCOUNTING (3)

Accounting for stock investments under the equity method, business combinations and consolidations, and consolidated earnings per share.

Co-requisite: ACC 3420, or permission of the instructor, department chair, school head, or college dean
Offered: as needed

ACC 4850 SPECIAL TOPICS IN ACCOUNTING (3)

Studies in specialized, upper-level applications of accounting theory and practice.

Prerequisite: ACC 1510, or permission of the instructor, department chair, school head, or college dean
Offered: as needed

ACC 4900 AUDITING (3)

Auditing theory and practice, standards and procedures, rules of professional conduct, and related materials of professional importance.

Prerequisite: ACC 3410, or permission of the instructor, department chair, school head, or college dean
Offered: fall

ACC 4910 ADVANCED AUDITING (3)

The application of the auditing process to cycles within the accounting system, including auditing within the EDP environment. A study of operational and compliance auditing, including their relationship to internal controls.

Prerequisite: ACC 4900, or permission of the instructor, department chair, school head, or college dean
Offered: as needed

ACC 4990 INDEPENDENT STUDY IN ACCOUNTING (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major

Prerequisite: Requires approval by the faculty advisor, the supervising professor, the department chair, and the college dean before approval by Provost.

Credit hours to be determined

BUSINESS ANALYTICS (B.S.)

Business analytics is a rapidly growing field with strong signs of further growth. This program is innovative as it bridges business acumen with data analysis. This combined skillset is increasingly demanded in the modern business world.

Mission

The program in Business Analytics prepares students to bring data-driven decision-making skills to all facets of a business organization and to use quantitative reasoning to solve business problems in a complex environment. Students will be introduced to a wide variety of technical skills, including predictive modeling and econometrics, statistical computing, and data visualization, and will be trained in how to apply those skills in a modern business environment.

Goals

- Students will learn statistical modeling techniques and be proficient in statistical computing.
- Students will learn, and be proficient in, business focused computing environments.
- Students will be able to communicate technical information and results of quantitative analysis to people both with and without technical backgrounds.
- Students will be able to identify business opportunities for data-driven solutions and develop data-driven solutions to support business decision-making.
- Students will be able to work collaboratively in an interdisciplinary environment, capable both of bringing technical expertise to business-focused colleagues and business acumen to highly specialized technical environments.

Bachelor of Science in Business Analytics

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

RSB Professional Core Requirements: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 3520 Business Law I	3 credit hours

Required Business Analytics Courses: 24 credit hours

BUS 3380 Dashboard and Front-End Analytics	3 credit hours
BUS 4380 Spreadsheet Modeling and Applications	3 credit hours
BUS 4500 Management Science	3 credit hours
BUS 4550 Data Driven Decision Making	3 credit hours
BUS 4700 Business Strategy	3 credit hours
ECO 3160 Econometrics	3 credit hours
ISE 4410 Data Mining	3 credit hours
ISE 4420 Data Analytics	3 credit hours

Total: 51 credit hours

Minor in Business Analytics

Required Courses: 18 credit hours

BUS 1700 Computer Business Applications	3 credit hours
BUS 2160 Statistics for Business and Economics	3 credit hours
BUS 3380 Dashboard and Front-End Analytics	3 credit hours
BUS 4380 Spreadsheet Modeling and Applications	3 credit hours
BUS 4500 Management Science	3 credit hours
ECO 3160 Econometrics	3 credit hours

Total: 18 credit hours

FINANCIAL ECONOMICS (A.A., B.S.)

A major or a minor in Financial Economics will prepare students for many professional-level positions. Most private and public sector managerial positions require economic knowledge. Financial Economics majors can expect to enter careers in corporate finance, investment management, commercial and retail banking, financial institutional management, asset analysis, policy, and program analysis, and general governmental (federal, state, and local) management. Our liberal arts approach also prepares students for graduate studies in economics, business, law, and related fields.

Mission

The Mission of the Department of Financial Economics is to help students understand economic theories and to discover ways to apply their acquired knowledge and skills into everyday life. Our liberal arts program is designed to cultivate the study of economics as a way of thinking. Students are encouraged to explore the fundamentals of economic theory, particularly concepts that directly pertain to the operations of domestic and global financial markets and institutions. Students are expected to demonstrate clear, analytical thinking in their written and verbal expressions. Our program aims to enable students to apply their knowledge into real life decision-making. Students are encouraged to consider how economics relates to social, ethical, political, environmental, and global issues.

Goals

- Students will understand the economy at the aggregate level and how government policies affect the macroeconomy.
- Financial Economics majors will gain an understanding of the allocations and distributions of resources of the overall economy.
- Financial Economics students will have the opportunity to participate in projects that require applying economic knowledge and skills.
- Students will develop skills in quantitative analysis and computer applications.
- Students will be effective written communicators of economic concepts.

A student of Financial Economics will have the opportunity to explore the fundamentals of economic theory, especially the theory pertaining to the operations and workings of financial markets and financial institutions. Students in Financial Economics will learn about financial asset markets (including stocks, bonds, and exchange rates), and various financial institutions (including commercial banks, the Federal Reserve System, and the International Monetary Fund).

During their studies, students will also gain an understanding of other sectors of the economy, including business economics, labor economics, and the global economy. The broad goal of the Financial

Economics program is to produce a graduate who can apply economic theory to decision-making, both as a citizen in this democracy and as a member of the business community.

Successful completion of the Financial Economics program prepares a student for a wide range of career opportunities. Graduates are prepared for careers in such areas as corporate finance, investment management, commercial and retail banking, management of financial institutions, financial analysis, business economics, and economic analysis. Career opportunities are found with corporations, financial institutions, public utilities, nonprofit organizations, and government agencies. Financial Economics students also have an excellent background for graduate studies in economics, business, law, and related fields.

Associate of Arts with a concentration in Financial Economics

Required Courses: 15 credit hours

ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
ECO 3110 Money, Banking, and Financial Markets	3 credit hours
FIN/BUS 3320 Managerial Finance	3 credit hours
FIN/BUS 4120 Intermediate Managerial Finance	3 credit hours

Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level electives in Economics or Finance.

Total: 21 credit hours

Bachelor of Science in Financial Economics

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

RSB Professional Core Requirements: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
FIN/BUS 3320 Managerial Finance	3 credit hours
BUS 3520 Business Law I	3 credit hours

Required Financial Economics Core Courses: 12 credit hours

ECO 3130 Intermediate Microeconomics	3 credit hours
ECO 3140 Intermediate Macroeconomics	3 credit hours
ECO 3160 Econometrics	3 credit hours
ECO 4700 Research Methodology and Policy Analysis	3 credit hours

Finance Elective Course: 3 credit hours

Select one 3000 or 4000 level course with a FIN prefix, excluding FIN 3320.

Economics Elective Courses: 9 credit hours

Select three courses (9 credit hours) from any 3000 or 4000 level electives in Economics.

Note: An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.

Total: 51 credit hours

Minor in Economics

Required CORE Courses: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours

Intermediate Economics Elective: 3 credit hours (select one course)

ECO 3130 Intermediate Microeconomics OR ECO 3140 Intermediate Macroeconomics	3 credit hours
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Economics Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level electives in Economics.

Note: Students taking both ECO 3130 and ECO 3140 may include one of the two courses as an elective.

Note: A student majoring in Financial Economics cannot earn a minor in Economics.

Total: 18 credit hours

Minor in Finance

Required CORE Courses: 12 credit hours

ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
ECO 3110 Money, Banking, and Financial Markets OR FIN/BUS 4120 Intermediate Finance	3 credit hours
FIN/BUS 3320 Managerial Finance	3 credit hours

Electives: 6 credit hours

Select two courses (6 credit hours) from the following list:

ECO 3110 Money, Banking, and Financial Markets	3 credit hours
ECO 3810 Public Economics	3 credit hours
ECO 4520 International Trade and Finance	3 credit hours
BUS 3230 New Venture Capital	3 credit hours
Any 3000 or 4000 level elective in Finance	3 credit hours

Total: 18 credit hours

Available Concentrations

Several concentrations are also available to attach to the major in Financial Economics:

- Health Care Administration
- PGA Golf Management
- Professional Tennis Management

Specific requirements can be found in the respective sections of the catalog.

Financial Economics Course Descriptions - ECO

ECO 1510 PRINCIPLES OF MACROECONOMICS (3)

Aggregate income measurement and analysis, fiscal and monetary policy, inflation, unemployment, and other current issues. This course is part of the Reeves School of Business Foundation Core.

Prerequisite: none

Offered: fall and spring

ECO 1520 PRINCIPLES OF MICROECONOMICS (3)

Price theory applied to product and resource markets with emphasis on pricing and output decisions under various market conditions. This course is part of the Reeves School of Business Foundation Core.

Prerequisite: none

Offered: fall and spring

ECO 2100 INTRODUCTION TO ECONOMICS (3)

Theories and institutions that organize and direct economic activities in contemporary society. Prepares students to understand domestic and international economic problems; serves as a foundation for further work in economics; and complements study in other areas.

Prerequisite: none

Offered: as needed

ECO 3110 MONEY, BANKING AND FINANCIAL MARKETS (3)

The functions of money and financial markets, commercial bank operations, the Federal Reserve System, the macroeconomy, and the impact of monetary policy upon economic stabilization and growth.

Prerequisites: ECO 1510 and ECO 1520, or permission of the instructor, department chair, school head, or college dean

Offered: fall

ECO 3130 INTERMEDIATE MICROECONOMICS (3)

Intermediate-level treatment of microeconomic theory and its application to managerial decision-making.

Prerequisites: ECO 1520 or permission of the instructor, department chair, school head, or college dean

Offered: fall

ECO 3140 INTERMEDIATE MACROECONOMICS (3)

This course covers the models and techniques used in modern macroeconomic theory. It examines the theoretical models developed to analyze the economic forces that drive the economy in the short and the long run. Emphasis is placed on macroeconomic policies and the role of the government in the economy. Also, it describes the basic features of an open, global economy. Students are encouraged to explore the potential and limitations of macroeconomic theory in addressing real-world problems.

Prerequisites: ECO 1510 or permission of the instructor, department chair, school head, or college dean

Offered: spring

ECO 3160 ECONOMETRICS (3)

An advanced study of applied econometrics: the statistical analyses frequently used in business decision making and economic research. Emphasis on data analytics through multiple regression analysis with particular attention given to modern issues in statistical inference and pseudo-experimental design.

Prerequisite: BUS 2160 or permission of the instructor, department chair, school head, or college dean

Offered: fall

ECO 3360 DOMESTIC BUSINESS EXPERIENCE (3)

An American business is a dynamic process that brings together people, consumers, technology, natural resources, and human initiative in a constantly changing and competitive environment. To understand the framework in which a business operates, students will travel for an exploration and learning opportunity from the business. This course will require research and class time at an off-site location as selected by the professor of record. An additional fee may apply to cover the costs of travel and lodging. Travel to student conferences and conventions is prohibited as part of this course.

Prerequisite: Permission of the instructor, department chair, school head, or college dean

ECO 3450 INTERNSHIP (3)

Experiential learning acquired through placement with local organizations in either the private or public sectors. The student is assigned duties and responsibilities approved by the Director of Internships and supervised and evaluated by the University instructor and onsite trainer. Weekly class contact, journal, or written reports are required. Classroom instruction includes resume/letter writing, interviewing techniques, and oral presentations.

Prerequisites: ECO 1510, ECO 1520, Completion of 45 earned credit hours or permission of the instructor, department chair, school head, or college dean.

Offered: as needed

ECO 3810 PUBLIC ECONOMICS (3)

Examines the rationale for government interference in the market, the costs and benefits of organizing economic activity through the public sector, how policymakers are chosen and how this affects their incentives, how the incentives of policymakers undermine their ability to act in the "public interest," and the role and effectiveness of governments and government agents to both formulate and execute sound economic public policy.

Prerequisite: ECO 1520 or permission of the instructor, department chair, school head, or college dean

Offered: Spring, odd years

ECO 4000 CURRENT ECONOMIC ISSUES (3)

Selected contemporary policy issues, e.g., the economic role of government, poverty, debt financing, free trade vs. protectionism, entrepreneurship, and problems of fiscal and monetary management.

Prerequisites: ECO 1510 and ECO 1520, or permission of instructor, department chair, school head, or college dean

Offered: as needed

ECO 4200 COMPARATIVE ECONOMIC SYSTEMS (3) (GP)

A survey of economic systems of the past and present. A global approach will be applied in reviewing such variations. The course will examine past, present, and future systemic developments.

Prerequisites: ECO 1520 or permission of the instructor, department chair, school head, or college dean

Offered: Fall, even years

ECO 4510 LABOR ECONOMICS AND HUMAN RESOURCE MANAGEMENT (3)

Principles of economics applied to the human resource and its market with emphasis on hiring, training, labor legislation, and compensation policies relevant to the management of people at work.

Prerequisites: ECO 1510, and 1520 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

ECO 4520 INTERNATIONAL TRADE AND FINANCE (3) (GP)

International trade theory and practice, the financial dimensions of multinational exchange, institutional features, and channels of marketing, and international corporate relationships.

Prerequisites: ECO 1510, or permission of the instructor, department chair, school head, or college dean

Offered: Spring, odd years

ECO 4650 ECONOMIC GROWTH AND DEVELOPMENT (3) (GP)

Theories of economic development with reference to the economic history of the industrially advanced nations. Applications of theory to problems and policies of emerging and underdeveloped economies.

Prerequisites: ECO 1510 and 1520, or permission of the instructor, department chair, school head, or college dean

Offered: Spring, even years

ECO 4700 RESEARCH METHODOLOGY AND POLICY ANALYSIS (3)

This course provides the fundamental foundation to conduct empirical economic research. Students will learn the steps involved in conducting economic research that include the selection of topic, literature review, formulation of research question, choice of research methodologies, collecting and analyzing data, testing of hypothesis, and summary and conclusions. The course is designed to enhance students' ability to integrate economic theory, quantitative research skills, and research.

Prerequisites: ECO 1510, ECO 1520, and BUS 2160 and have junior/senior standing or permission of the instructor, department chair, school head, or college dean

Offered: spring

ECO 4850 SPECIAL TOPICS (3)

Selected applications of economic theory and practice.

Prerequisite: permission of instructor

Offered: as needed

ECO 4990 INDEPENDENT STUDY IN FINANCIAL ECONOMICS (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Credits to be determined.

Prerequisite: approval by the faculty advisor, the supervising professor, the department chair, school head, and the college dean before approval by Provost

Finance Course Descriptions - FIN

FIN 1750 PERSONAL FINANCE (3)

An introduction to the personal financial planning process designed to equip students with the skills needed to manage their personal financial resources. Topics include cash management, goal setting, tax planning, risk management, investment planning, retirement planning, and estate planning.

Offered: fall and spring

Cross-listed with BUS 1750

FIN 3320 MANAGERIAL FINANCE (3)

Management of funds from the corporate perspective, with emphasis on security valuation, risk analysis, financial forecasting, capital budgeting, capital structure components and their costs, and dividend policy. This course is part of the Reeves School of Business Professional Core.

Prerequisites: ACC 1520, BUS 2160, and ECO 1520, or permission of the instructor, department chair, school head, or college dean.

Offered: fall and spring

Cross-listed with BUS 3320

FIN 4120 INTERMEDIATE MANAGERIAL FINANCE (3)

Additional financial management concepts and practices; extensive case analysis with focus on the capital asset pricing model. Prerequisite: BUS 3320 or permission of the instructor, department chair, school head, or college dean

Offered: Fall, odd years

Cross-listed with BUS 4120

FIN 4150 INVESTMENT AND PORTFOLIO MANAGEMENT (3)

A survey of investment alternatives with emphasis on security evaluation, features of trading, the regulatory structure, and the design of portfolios.

Prerequisite: BUS 3320 or permission of the instructor, department chair, school head, or college dean

Offered: Fall, even years

Cross-listed with BUS 4150

FIN 4370 FINANCIAL INSTITUTIONS AND MARKETS (3)

A survey of the major financial intermediaries with emphasis upon balance sheet account management, the principal securities traded, and the markets in which the trading occurs.

Prerequisites: ACC 1510, ACC 1520, ECO 1510, and ECO 1520, or permission of the instructor, department chair, school head, or college dean

Offered: Spring, even years

Crossed-listed with BUS 4370

BUSINESS, MANAGEMENT, AND MARKETING**BUSINESS ADMINISTRATION (A.A., B.A.S., B.S.)**

Graduates of this degree program will have the analytical and quantitative skills to identify and solve complex business problems and make effective decisions in a modern business environment. The department provides students with the skills and knowledge needed for successful careers and the pursuit of further education.

Mission

The Mission of the Department of Business Administration is to provide a professional educational environment that fosters excellence in teaching, leadership, and community engagement by adapting to the needs of a dynamic, globally competitive business community.

Goals

- Business Administration students will develop an understanding of information required to meet future demands of business and economics, including the impact of the global economy.
- Business Administration students will be able to understand and evaluate ethical issues as they relate to organizations and their social responsibility.
- Business Administration students will acquire professional skills and knowledge by participating in experiential and applied learning opportunities, including internships, co-operative work experiences, projects, practical experiences, volunteer experiences, and international experience.
- Business Administration students will be prepared to be successful in their subsequent professional and/or academic careers by demonstrating proficiency in oral and written communication.

Associate of Arts with a concentration in Business Administration**Required Courses: 12 credit hours**

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours

Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level Accounting, Marketing, Financial Economics, or Business courses.

Total: 18 credit hours

**Bachelor of Applied Science in Business Administration*

Students must have earned an Associate of Applied Science (A.A.S.) degree in any field to pursue the Bachelor of Applied Science with a major in Business Administration.

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

Required Business Administration Courses: 15 credit hours

BUS 1750 Personal Finance or BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 2160 Statistics for Business and Economics	3 credit hours
BUS 3150 Business and Society or BUS 3200 Business Ethics	3 credit hours
BUS 3520 Business Law I	3 credit hours
LSS 3000 Principles of Leadership	3 credit hours

Elective Courses: 12 credit hours

Select four courses (12 credit hours) from any 3000 or 4000 level electives in Accounting, Business Administration, Economics, Finance, Health Care Administration, Marketing, and Sport Management.

Note: An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.

Total: 45 credit hours

**Bachelor of Science in Business Administration*

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

RSB Professional Core Requirements: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 3520 Business Law I	3 credit hours

Required Business Administration Courses: 12 credit hours

BUS 3150 Business and Society or BUS/PHI 3200 Business Ethics	3 credit hours
BUS 4500 Management Science	3 credit hours

BUS 4700 Business Strategy	3 credit hours
BUS 1750 Personal Finance or ECO 3110 Money, Banking, and Financial Markets	3 credit hours

Elective Courses: 9 credit hours

Select three courses (9 credit hours) from any 3000 or 4000 level electives in Business, Financial Economics, Accounting, Marketing, Sport Management, or any concentration that may be attached to the major in Business Administration, including Health Care Administration, Professional Golf Management (PGM 2110 and/or PGM 3210 only), and Professional Tennis Management (PTM 3300 only).

Note: *ENG 3201 Business Writing and LSS 3000 Principles of Leadership can also be counted as a Business Administration elective*

Note: *An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.*

Total: 48 credit hours

***Minor in Business Administration**

Required Courses: 12 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours

Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level Accounting, Marketing, Financial Economics, or Business courses.

Total: 18 credit hours

Available Concentrations

Several concentrations are also available to attach to the major in Business Administration:

- Health Care Administration
- PGA Golf Management

Note: *only the required courses PGM 2110 and PGM 3210, can be counted as Business Administration major elective courses for those adding this concentration.*

- Professional Tennis Management

Note: *only the required course PTM 3300 can be counted as one of the Business Administration major elective courses for those adding this concentration.*

Specific requirements can be found in the respective sections of the catalog.

Business Course Descriptions - BUS

BUS 1510 MANAGEMENT AND ORGANIZATION (3)

Survey of the management functions of planning, organizing, leading, and controlling within both structural and behavioral contexts. Emphasis is given to individual behavior, interpersonal relationships, small groups, inter-group relations, leadership, and change within the various structures of contemporary formal organizations. Also, involves the study of organizational structure including the design of centralization, formalization, and complexity. This course is part of the Reeves School of Business Foundation Core.

Prerequisite: none

Offered: fall and spring

BUS 1700 COMPUTER BUSINESS APPLICATIONS (3)

This course covers the utilization of computers to solve problems in business. Topics to be covered include intermediate application of word processing, spreadsheet analysis and development, database management and report creation, and presentation software application. Reeves School of Business students may substitute BUS 1700 for CSC 1000 in the general education core.

Offered: as needed

BUS 1750 PERSONAL FINANCE (3)

An introduction to the personal financial planning process designed to equip students with the skills needed to manage their personal financial resources. Topics include cash management, goal setting, tax planning, risk management, investment planning, retirement planning, and estate planning.

Cross-listed with FIN 1750

Offered: fall and spring

BUS 2000 INTRODUCTION TO BUSINESS (1)

An overview of American and international business with emphasis on formation and management origins. The course is a survey of the functional relationship of operations, marketing, finance, and human resource development. Business writing skills are emphasized.

Offered: as needed

BUS 2160 STATISTICS FOR BUSINESS AND ECONOMICS (3)

Inferential statistics using business and economics data. Principal topics: probability, hypothesis testing, regression and correlation, and time series and forecasting. This course is part of the Reeves School of Business Professional Core. Prerequisite: MAT 1050 or higher, or permission of the instructor, department chair, school head, or college dean

Offered: fall and spring

BUS 3010 ENTREPRENEURSHIP (3)

This course covers the structuring process, from conception to birth, of a new venture. It concentrates on the attributes of successful endeavors, opportunity recognition, venture screening, innovation and creativity, identification of resources, and feasibility analysis to learn how to turn opportunities into viable businesses. Also included are business plans, financial start-up decisions, operating problem recognition, and problem solving.

Prerequisite: None

Cross-listed with ENP 3010

Offered: as needed

BUS 3100 MANAGEMENT INFORMATION SYSTEMS (3)

A survey of management information systems providing students with an understanding of what they are, how they affect the organization, how they can make businesses more competitive, and how they assist in decision-making.

Offered: as needed

BUS 3150 BUSINESS AND SOCIETY (3)

Using a managerial framework, this course is a study of the relationship between business and economic policy, social responsibility, and political influence on a global level. As an intensive writing course, it uses case studies to study business ethics and corporate responsibility while recognizing management's traditional obligations to shareholders. The course spotlights current examples of business ethical issues

which are relevant for stakeholders, corporate governance, accounting, and regulation of business.

Prerequisites: None

BUS 3200 BUSINESS ETHICS (3)

After a brief consideration of ethical theory, this course will examine selected ethical issues which arise from business, such as corporate responsibility, whistle blowing, environmental issues, and privacy.

Emphasis will be placed on the role of virtues in business practice.

Cross-listed with PHI 3200

Offered: as needed

BUS 3201 BUSINESS WRITING (3)

Practical written business communications – letters, memoranda, reports, proposals, and resumes. One hour of CAC lab per week at discretion of instructor. Creditable to one program only: Business, English, or Communication and Media Studies

Prerequisites: ENG 1040

Cross-listed with ENG 3201

Offered: as needed

BUS 3230 NEW VENTURE CAPITAL (3)

Business creation and innovation is explored through case analysis. This is applied to student ideas for a new business. A business plan is created. Venture financing models are considered to support the creation of the business. Entry and exit strategies are considered, such as franchising, acquisitions, sale, merger, and liquidation. The course provides an understanding of the mindset, behaviors, experiences, and skills of an entrepreneur. Key components to coursework include learning how to evaluate and value new ventures, how to anticipate problems and develop pragmatic solutions, and assembling the resources to implement a strategic vision.

Cross-listed with ENP3230

Offered: as needed

BUS 3250 THEORIES AND TECHNIQUES OF LEADERSHIP (3)

Examines theories and models of leadership and their practical application in different organizations and settings. The course addresses the structure of organizations and the styles of leadership effective in different situations. Students learn practical skills such as group process, problem solving, active listening, and effective presentation techniques. Designed to provide leadership practice and confidence.

Prerequisites: None

Cross-Listed with JUS 3250 and LSS 3250

Offered: fall and spring

BUS 3310 FUNDAMENTALS OF INTERNATIONAL BUSINESS (3) (GP)

A thorough examination of the business opportunities and threats for individuals, companies, and countries created by the growth of globalization, and how companies must operate in diverse foreign environments and engage in specialized transactions. This course presents the theories and concepts of international business and considers the leading role of culture in global commerce.

Prerequisite: completion of 12 earned hours or permission of the instructor, department chair, school head, or college dean

Offered: spring

BUS 3320 MANAGERIAL FINANCE (3)

Management of funds from the corporate perspective, with emphasis on security valuation, risk analysis, financial forecasting, capital budgeting, capital structure components and their costs, and dividend policy. This course is part of the Reeves School of Business Professional Core.

Prerequisites: ACC 1520, BUS 2160, and ECO 1520 or permission of the instructor, department chair, school head, or college dean.

Cross-listed with FIN 3320

Offered: fall and spring

BUS 3330 INTERNATIONAL BUSINESS EXPERIENCE (3) (GP)

An exploration of globalization and the cultural, economic, political, and legal environments of international business, including an overview of risks, challenges, and opportunities of competing in the global marketplace. This course requires travel and research on the ground in another country. (Study Abroad Course)

Prerequisite: completion of 12 earned credit hours, or permission of the instructor, department chair, school head, or college dean

Offered: fall and spring

BUS 3360 DOMESTIC BUSINESS EXPERIENCE (3)

An American business is a dynamic process that brings together people, consumers, technology, natural resources, and human initiative in a constantly changing and competitive environment. To understand the framework in which a business operates, students will travel for an exploration and learning opportunity from the business. This course will require research and class time at an off-site location as selected by the professor of record. An additional fee will apply to cover the costs of travel and lodging. Travel to student conferences and conventions is prohibited as part of this course.

Prerequisite: Permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 3380 DASHBOARD AND FRONT-END ANALYTICS (3)

Foundational knowledge and technology to perform fundamental data analysis, supporting problem-solving and evidence-based decision making. Through hands-on experiences students will identify, extract, prepare, and analyze data and communicate those results that inform decisions.

Prerequisite: BUS 1700 or permission of instructor, chair, school head, or dean

Offered: as needed

BUS 3420 ORGANIZATIONAL DEVELOPMENT AND CHANGE MANAGEMENT (3)

This class focuses on how to develop high performance employees and drive business success by studying the interaction between employee behavior, organizational structure, and business strategy achievement. The class provides students with skills to enhance team efficiency and effectiveness through change management, team building, training, organizational culture, organizational capability, values and relationships, and how they can be leveraged to influence behavior and performance.

Development of major concepts, skills, and techniques required by professionals to support and facilitate organization change and performance.

Prerequisite: BUS 1510

Offered: fall

BUS 3450 INTERNSHIP I (3)

Experiential learning acquired through placement with local organizations in either the private or public sectors. The student is assigned duties and responsibilities approved by the instructor and supervised

and evaluated by the instructor and onsite trainer. Weekly class contact, journal, or written reports are required. Classroom instruction includes resume/letter writing, interviewing techniques, and oral presentations.

Prerequisites: completion of 45 earned credit hours and permission of the instructor, department chair, school head, or college dean.

Offered: fall and spring

BUS 3520 BUSINESS LAW I (3)

The organization and theory of the American legal system and its relationship with the business environment, including contracts, tort law, parts of the Uniform Commercial Code, the law of agency, and employment law. This course is part of the Reeves School of Business Professional Core.

Prerequisites: ENG 1040 or permission of the instructor, department chair, school head, or college dean

Cross-listed with LAW 3520

Offered: fall and spring

BUS 3530 BUSINESS LAW II (3)

The Uniform Partnership Act, relevant corporate law, government regulation, negotiable instruments, commercial paper, parts of the Uniform Commercial Code, banking and securities law, the law of secured transactions, and labor law.

Prerequisite: BUS 3520 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 3540 LEGAL ISSUES IN SPORTS (3)

A study of legal principles as applied to professional and amateur sport organizations and participants. An overview of contract law, tort law, constitutional law, administrative law, antitrust law, collective bargaining, and arbitration as it relates to the sport industry. Class presentations on current legal issues are required. Prerequisite: SMA 1010

Cross-listed with SMA 3540

Offered: as needed

BUS 3600 PRINCIPLES OF REAL ESTATE (3)

A survey of legal, economic, and accounting principles applied to real property resources. Topics include brokerage, contracts, closings, valuation, investing, and finance. The analysis of income-producing property is emphasized.

Prerequisites: ACC 1510, ECO 1510 or 1520, or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 3650 PRINCIPLES OF INSURANCE (3)

An overview of the insurance industry and underwriting principles. Risk management, contract provisions, and contract law as applied to both casualty and life dimensions. Emphasis on the investment function of life insurance.

Offered: as needed

BUS 3750 HUMAN RESOURCE MANAGEMENT (3) Traditional functions of personnel administration: recruitment, selection, development, compensation, personnel planning, employee morale and the impact of legislation upon the personnel process.

Prerequisite: BUS 1510 or permission of the instructor, department chair, school head, or college dean

Offered: fall and spring

BUS 3760 COMPENSATION AND BENEFITS (3)

This course is a focus on the study of the relationship between employees, employers, and the intervening factor of compensation and benefits. It illustrates the art and science of compensation practice and its role in promoting a company's competitive advantage. It addresses the link between pay and performance at all levels from hourly employee through executive compensation. Emphasis is given to the role of managers within the broader society of laws, interpersonal relationships, and leadership.

Prerequisite: none

BUS 3770 EMPLOYMENT LAW (3)

An overview of employment law in the workplace. A study of case law, regulations, and statutes on such issues as Title VII and Civil Rights Act. The Americans with Disabilities Act, age discrimination, national origin discrimination, and other areas of employment law. Students will also be taught various issues of employment law such as interviewing and job performance evaluations.

Prerequisite: none

Cross-listed with LAW 3770

Offered: Spring

BUS 3780 LABOR RELATIONS LAW (3)

This course focuses on the legal relationship between employers and collective bargaining agents. It involves unionization, maintaining union-free status, and de-unionization. Labor relations and Collective Bargaining are studied across industries such as sports, manufacturing, sales, hospitality, and government. Student groups (teams) are used throughout the course to study the course content through case studies and experience the dynamics of resolving Labor Relations cases.

Prerequisite: none

Cross-listed with LAW 3780

Offered: Fall, even years

BUS 3910 NEGOTIATION (3)

In this class, students will learn how to become an expert negotiator and how to create value for yourself and your organization. This highly interactive and fast-paced learning experience includes not just the theory but also actual negotiation practice throughout the semester so you can learn by doing. You will develop more sophisticated negotiation and mediation skills, learn how to avoid common negotiation pitfalls, and become prepared to conduct a wider range of complex negotiations in life with confidence.

Prerequisite: none

Cross-listed: LAW 3910

Offered: Spring

BUS 4100 REAL ESTATE LAW (3)

An advanced study of real property ownership and interest, real property title transfer, real estate contracts, and federal income taxation of real property. Also included are landlord and tenant law, real estate brokerage law, and other topics required by the North Carolina Real Estate Commission.

Prerequisite: BUS 3520 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 4120 INTERMEDIATE MANAGERIAL FINANCE (3) credits Additional financial management concepts and practices; extensive case analysis with focus on the capital asset pricing model.

Prerequisite: BUS/FIN 3320 or permission of the instructor, department chair, school head, or college dean

Cross-listed with FIN 4120

Offered: fall, even years

BUS 4140 REAL ESTATE FINANCE (3)

A survey of instruments, methods, institutions, and markets involved in the financing of real estate. Emphasis on primary and secondary markets, investment returns and risks, and construction and permanent financing.

Prerequisite: BUS 3320 or 3600, or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 4150 INVESTMENT AND PORTFOLIO MANAGEMENT (3)

A survey of investment alternatives with emphasis on security evaluation, features of trading, the regulatory structure, and the design of portfolios.

Prerequisite: BUS/FIN 3320 or permission of the instructor, department chair, school head, or college dean

Cross-listed with FIN 4150

Offered: fall, odd years

BUS 4160 INTERNSHIP II (3)

For students who have had BUS 3450 and would like to have another internship experience.

Prerequisite: none

Offered: spring

BUS 4200 REAL ESTATE BROKERAGE (3)

A survey of various functions of the real estate brokerage business. Emphasis is placed upon the process of establishing the firm, management practices, financing, accounting systems (including trust account records and procedures, personnel policies, and marketing).

Prerequisite: BUS 3600 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 4260 ADVANCED COMPUTER BUSINESS APPLICATIONS (3)

Advanced study of computer applications with emphasis on business problem-solving skills. More sophisticated techniques in spreadsheet analysis and database management are included.

Prerequisite: BUS 1700 or CSC 1000 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 4370 FINANCIAL INSTITUTIONS AND MARKETS (3)

A survey of the major financial intermediaries with emphasis upon balance sheet account management, the principal securities traded, and the markets in which the trading occurs.

Prerequisites: ACC 1510, ACC 1520, ECO 1510, and ECO 1520, or permission of the instructor, department chair, school head, or college dean

Cross-listed with FIN 4370

Offered: Spring, even years

BUS 4380 SPREADSHEET MODELING AND APPLICATIONS (3)

Serves as an introduction to the fundamentals of data-driven decision analysis using spreadsheet tools, dashboards, and optimization models. The course covers the basics of data modeling to solve multiple

objective optimization scenarios. Students will apply the course concepts in areas such as project management, decision tree analysis, time series forecasting and production optimization.

Prerequisite: BUS 3380 and ECO 3160 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 4500 MANAGEMENT SCIENCE (3)

The course covers many interdependent aspects of the supply chain and emphasizes the importance of quality, consistency, and value in sustaining the firm's competitive advantage. The topics covered include operations strategy, designing services and products, forecasting, project management, production capacity, inventory, quality control, and management of waiting lines.

Prerequisites: BUS 2160, BUS 1700 or CSC 1000, and BUS 1510, or permission of the instructor, department chair, school head, or college dean

Offered: fall and spring

BUS 4550 DATA DRIVEN DECISION MAKING (3)

This course provides the fundamental foundation to make data driven decisions in business. Students will learn the steps involved in formulating business decision questions that can be answered quantitatively, collecting data for all relevant variables, testing hypotheses, and recommending decisions. The course is designed to enhance students' ability to link statistical practice and business theory to make decisions and forecast outcomes.

Prerequisite: ECO 3160 and BUS3380 or permission of the instructor, chair, school head, or college dean

Offered: as needed

BUS 4600 REAL ESTATE PRACTICUM (3) credits Experiential learning acquired through placement with a local real estate organization. The student is assigned duties and responsibilities approved by the Director of Real Estate and supervised and evaluated by the University instructor and on-site trainer. Weekly class contact, journal, or written reports are required.

Prerequisites: successful completion of two upper- level real estate courses in addition to BUS 3600 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

BUS 4700 BUSINESS STRATEGY (3)

A capstone course conducted with case method. Examination of external and internal environments of business. Analysis of the formulation and implementation of organizational strategy, both in private and not-for-profit sectors. Integration of prior studies in accounting, economics, management, marketing, law, and behavior. This course includes administration of a major field test in business as the required exit exam for all seniors in the Reeves School of Business. This course is part of the Reeves School of Business Professional Core.

Prerequisites: BUS 3320 or permission of the instructor, department chair, school head, or college dean. Additionally, only students who have earned 87 credit hours or more are able to register for this course.

Offered: fall and spring

BUS 4800 BUSINESS SYSTEMS DEVELOPMENT (3)

A systematic approach to the study of business organizations and the establishment of criteria for computer-based information systems for management planning and control in various types of business environments. This course is designed to provide an understanding of the system development and modification process and to enable students to evaluate and choose a system development

methodology. It emphasizes the factors for effective communication with users and team members and all those associated with development and maintenance of the system.

Prerequisite: none

Offered: as needed

BUS 4850 SPECIAL TOPICS (3) (GP)

A topic in business not covered in depth in any of the other established courses in business.

Offered: as needed

BUS 4990 INDEPENDENT STUDY IN BUSINESS ADMINISTRATION (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Credits to be determined.

Prerequisite: Requires approval by the faculty advisor, the supervising professor, the department chair, school head, and the college dean before approval by Provost.

Human Resource Management

Human Resource Management is the management and development of an organization's people and their empowerment for high performance and business goal achievement. HR managers ensure people development, including competency development, talent management, succession planning, leadership development, attraction, engagement, performance management, culture etc. HR managers understand how to motivate employees, design satisfying jobs, recruit and select the best new talent, train, and manage employees for peak performance, reward them for achievements, and maintain a positive relationship with employees. General managers who understand Human Resource Management are more adept at managing and empowering their own employees.

Successful human resource managers can become internal consultants for the organization, participate in strategy development, and propel the organization forward. HR managers are also the organization's experts with employment, labor, and safety laws. In organizations with employee labor unions, HR managers serve as the primary negotiator and liaison with the union. HR management is all about helping managers get the best from their people in their organization.

Goals

- Students will demonstrate knowledge of the basic functions of management and their impact on employee performance.
- Students will gain a broad understanding of the Human Resource function and how it relates to the overall management function.
- Students will be able to manage the relationship between management and union organizations.
- Students will demonstrate proficiency in communication and negotiation.
- Students will have a thorough understanding of employment laws and their impact on management.

Minor in Human Resource Management

Required Courses: 15 credit hours

BUS 1510 Management and Organization OR PSY 3100 Industrial/Organizational Psychology	3 credit hours
BUS 3750 Human Resource Management	3 credit hours
BUS 3770 Employment Law	3 credit hours
BUS 3780 Labor Relations Law	3 credit hours

BUS 3910 Negotiation	3 credit hours
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Select one (3 credit hour) course from the following list:

LSS 3250/BUS 3250/JUS 3250 Theories and Techniques of Leadership OR BUS 3420 Organizational Development and Change Management OR BUS 3760 Compensation and Benefits	3 credit hours
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Total: 18 credit hours

International Business

Demand is increasing for people with knowledge of the international environment within which both domestic and foreign businesses now operate. Many domestically educated managers have been at a distinct disadvantage in the international arena due to lack of language proficiency, cultural sensitivity, and multinational knowledge.

Goals

- International Business students will be able to evaluate and apply the principles and theory of international business.
- International Business students will have the ability to detect cultural prejudices and develop acceptance of cultural diversity.
- International Business students will be able to effectively communicate international business information.

Minor in International Business

The minor in International Business is designed to help remove obstacles to success by applying the knowledge and skills from a major to an international setting. The International Business minor can be used to strengthen any major.

Required Courses: 6 credit hours

BUS 3310 Fundamentals of International Business OR BUS 3330 International Business Experience	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours

Select four courses (12 credit hours) from courses designated as Global Perspective (GP) in ACC, CME, BUS, ECO, ENP, GEO, IDS, MKT, PSC, SOC, or any Foreign Language. At least 3 credit hours must be from a Reeves School of Business course.

Total: 18 credit hours

MANAGEMENT (B.S.)

A Management major or minor equips an individual to work with and through other people to ensure organizational success. Managers in today's dynamic work environment face many challenges, from technological and social change to global competition and workforce diversity. In the face of these challenges, one thing never changes: the need for well-trained managers to lead and empower people within the organization, to manage the organization itself, and to succeed in the global marketplace.

Mission

The Mission of the Department of Management is to pursue excellence in advancing knowledge and practice in management, organizational design, and organizational strategy. The faculty will prepare professional and ethical leaders to be successful in a competitive, diverse, and global business environment.

Goals

- Management students will demonstrate understanding and application of the principles and functions of management.
- Students will understand and be able to apply skills associated with leading and managing employees.
- Management students will demonstrate understanding and application of organizational strategy in a changing, global environment.
- Management students will understand the role of working within and leading in group environments.
- Management students will demonstrate an awareness of socially responsible and ethical behavior.

Bachelor of Science in Management

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

RSB Professional Core Requirements: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 3520 Business Law I	3 credit hours

Additional Required Courses: 15 credit hours

LSS 3250/BUS 3250/JUS 3250 Theories and Techniques of Leadership or MSL 3020 Applied Leadership in Small Unit Operations	3 credit hours
BUS 3420 Organizational Development and Change Management	3 credit hours
BUS 3750 Human Resource Management	3 credit hours
BUS 3910 Negotiation	3 credit hours
BUS 4700 Business Strategy	3 credit hours

Elective Courses: 9 credit hours

Select three courses (9 credit hours) from the following course list:

BUS 3010 Entrepreneurship (3)	BUS 4500 Management Science (3)
BUS 3100 Management Information Systems (3)	BUS 4850 Special Topics (3)
BUS 3250 Business and Society (3)	BUS 4990 Ind. Study in Business Administration (3)
BUS 3200 Business Ethics (3)	MSL 1010 Intro to the Army and Critical Thinking (3)
BUS 3310 Fundamentals of International Business (3)	MSL 1020 Introduction to Tactical Leadership (3)
BUS 3760 Compensation Benefits (3)	MSL 2010 Leadership and Decision Making (3)
BUS/LAW 3770 Employment Law (3)	MSL 2020 Foundations of Tactical Leadership (3)
BUS /LAW 3780 Labor Relations Law (3)	MSL 3010 Training Mgmt/Warfighting Functions (3)

Note: An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.

Total: 51 credit hours

Minor in Management

Required Courses: 15 credit hours

BUS 1510 Management and Organization	3 credit hours
BUS 3420 Organizational Development and Change Management	3 credit hours
BUS 3750 Human Resource Management	3 credit hours
BUS 3910 Negotiation	3 credit hours
LSS 3250/BUS 3250/JUS 3250 Theories and Techniques of Leadership	3 credit hours

Elective Course: 3 credit hours

Select one elective course (3 credit hours) from the following list:

BUS 3010 Entrepreneurship (3)	BUS 3310 Fundamentals of International Business (3)
BUS 3200 Business Ethics (3)	BUS 4500 Management Science (3)
BUS 3150 Business and Society (3)	

Total: 18 credit hours

Available Concentrations

Several concentrations are also available to attach to the major in Management:

- Health Care Administration
- Professional Tennis Management

Specific requirements can be found in the respective sections of the catalog.

MARKETING (A.A., B.S.)

Marketing is an essential part of every business, organization, or institution and has traditionally been defined as the Four P's (product, place, price, and promotion). This includes the process of planning and executing the conception of a good or service (product), identifying a mutual pricing point (price), finding the correct promotional mix (promotion), and distribution of ideas, goods, and services, to create exchanges that satisfy individual and organization objectives (place). This process requires an understanding of buyer and seller behavior within the context of the overall market environment. The marketing curriculum allows students to solve marketing problems and face challenges in the modern marketing environment. Planning and analysis of strategies for products and/or services are also emphasized (live local case studies may be incorporated as part of individual courses), technology will be used for gathering, analyzing, and delivering information to decision makers. Marketing majors from Methodist University graduate prepared to begin graduate study or for entry-level positions in areas such as marketing management, digital marketing, marketing communications, and sales.

Mission

The Mission of the Marketing Department is to educate students to function in and adapt to the dynamic marketing environment by engaging in effective teaching, quality scholarship, and professional service.

Goals

- Marketing students will understand the role and practice of marketing within an organization, including substantive knowledge in theoretical and applied aspects of marketing.
- Marketing students will have knowledge of how to develop, analyze, and evaluate strategic and tactical marketing plans and programs, and to assess marketing performance.
- Marketing students will be able to effectively communicate business and marketing information.
- Marketing students will understand the ethical issues facing marketers in the workplace.

Associate of Arts with a concentration in Marketing

Required Courses: 9 credit hours

MKT 1510 Principles of Marketing	3 credit hours
MKT 4000 Consumer Behavior	3 credit hours
MKT 4550 Marketing Technologies	3 credit hours

Elective Course: 9 credit hours

Select three elective course (9 credit hours) from any 3000 or 4000 level MKT courses or classes from the following list:

BUS 3201 Business Writing (3)	CSC 3500 Computer Graphics (3)
CME 2540 Strategic Communication (3)	ECO 1520 Principles of Microeconomics
CME 3060 Computer Generated Graphics & Animation (3)	ENP/BUS 3010 Entrepreneurship (3)
CME 3410 Content Management and Web Design (3)	SMA 4230 Sport Marketing, Sales, and Promotions (3)
CME 3530 Desktop Publishing (3)	SMA 3550 Sport and Tourism Concepts (3)
CSC 3090 Web Technologies and Programming (3)	ENP 3100 Growing a Business

Total: 18 credit hours

*Bachelor of Science in Marketing

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

RSB Professional Core Requirements: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 3520 Business Law I	3 credit hours

Required Marketing Courses: 15 credit hours

BUS 4700 Business Strategy	3 credit hours
MKT 4000 Consumer Behavior	3 credit hours
MKT 4550 Marketing Technologies	3 credit hours
MKT 3800 Advertising and Promotion	3 credit hours
MKT 4700 Marketing Strategy (Capstone)	3 credit hours

Elective Courses: 9 credit hours

Select three courses (9 credit hours) from any 3000 or 4000 level Marketing courses or SMA 4230.

Note: An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.

Total: 51 credit hours

***Minor in Marketing**

Required Courses: 9 credit hours

MKT 1510 Principles of Marketing	3 credit hours
MKT 4000 Consumer Behavior	3 credit hours
MKT 4550 Marketing Technologies	3 credit hours

Elective Course: 9 credit hours

Select three elective course (9 credit hours) from any 3000 or 4000 level MKT courses or any classes from the following list:

CME 2540 Strategic Communication (3)	CME 3530 Desktop Publishing (3)
CME 3060 Computer Generated Graphics & Animation (3)	SMA 4230 Sport Marketing, Sales, and Promotions (3)
CME 3410 Content Management and Web Design (3)	SMA 3550 Sport and Tourism Concepts (3)
ECO 1520 Principles of Microeconomics (3)	BUS 3201 Business Writing (3)
BUS/ENP 3010 Entrepreneurship (3)	CSC 3090 Web Technologies and Programming (3)
ENP 3100 Growing a Business (3)	CSC 3500 Computer Graphics (3)

Total: 18 credit hours

Available Concentrations

Several concentrations are also available to attach to the major in Marketing:

- Health Care Administration

HCA 3300 can be counted as one of the marketing major elective courses for those adding this concentration.

- PGA Golf Management

PGM 2110 and PGM 3210 can be counted as marketing major elective courses for those adding this concentration.

- Professional Tennis Management

PTM 3300 can be counted as a marketing major elective course for those adding this concentration. Specific requirements can be found in the respective sections of the catalog.

Marketing Course Descriptions - MKT

MKT 1510 PRINCIPLES OF MARKETING (3)

Study of marketing: models of buyer behavior, functions, channels of distribution, promotion strategies, and pricing policies. Emphasis is on the use of marketing variables in decision-making. This course is part of the Reeves School of Business Foundation Core.

Offered: fall and spring

MKT 3360 DOMESTIC BUSINESS EXPERIENCE (3)

An American business is a dynamic process that brings together people, consumers, technology, natural resources, and human initiative in a constantly changing and competitive environment. To understand the framework in which a business operates, students will travel for an exploration and learning opportunity from the business. This course will require research and class time at an off-site location as

selected by the professor of record. An additional fee may apply to cover the costs of travel and lodging. Travel to student conferences and a convention is prohibited as part of this course.

Prerequisite: Permission of the Instructor or of the department chair, school head, or college dean

Offered: as needed

MKT 3400 SOCIAL MEDIA MARKETING (3)

Social Media Marketing (SMM) is the use of social media by marketers to increase brand awareness, identify key audiences, generate leads, and build meaningful relationships with customers. Social media allows businesses to gain a competitive advantage through the creation and distribution of valuable, relevant, and consistent content to attract and retain clearly defined audiences. Interactive simulations and presentations will supplement class lectures.

Prerequisite: MKT 1510

MKT 3450 INTERNSHIP (3)

Experiential learning acquired through placement with local organizations in either the private or public sectors. The student is assigned duties and responsibilities approved by the Director of Internships and supervised and evaluated by the University instructor and onsite trainer. Weekly class contact, journal, or written reports are required. Classroom instruction includes resume/letter writing, interviewing techniques, and oral presentations.

Prerequisites: BUS 1510 and MKT 1510, completion of 45 earned credit hours, or permission of the instructor, department chair, school head, or college dean.

Offered: fall and spring

MKT 3600 E-COMMERCE I (3)

A survey of applications and factors related to conducting business on the Internet.

Prerequisite: MKT 1510 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

MKT 3800 ADVERTISING AND PROMOTION (3)

A study of promotion planning from an integrated marketing communication perspective with an emphasis on advertising.

Prerequisite: MKT 1510 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

MKT 3900 MARKETING RESEARCH (3)

A study of marketing information needs, and the operation and management of the marketing research process with a focus on the application of marketing controls to make informed marketing decisions.

Prerequisites: MKT 1510 and BUS 2160, or permission of the instructor, department chair, school head, or college dean

Offered: as needed

MKT 4000 CONSUMER BEHAVIOR (3)

An analysis of behavioral factors affecting consumer decision-making in marketing and demand.

Emphasis is placed on conceptual and technical tools used by managers for practical application in profit and non-profit firms.

Prerequisite: MKT 1510 or permission of the instructor, department chair, school head, or college dean

Offered: spring

MKT 4100 GLOBAL MARKETING (3) (GP)

This course investigates marketing variables and strategies in countries outside the United States. The importance of differences among nations in language, culture and social forces, politics and laws, values, channels of distribution, and buyer behavior is examined.

Prerequisite: MKT 1510 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

MKT 4200 PROFESSIONAL SELLING AND SALES MANAGEMENT (3)

This course focuses on developing relationships and powerful interpersonal communication skills, understanding buyer motives and sales psychology, adding value to clients through long-term relationships, opening and closing sales, and meeting objectives. This course also explores professional selling practices with a focus on selling processes and sales management, from developing sales territories, setting goals, forecasting, and quotas to recruiting, training, and motivating sales teams.

Prerequisite: MKT 1510 or permission of the instructor, department chair, school head, or college dean

Offered: as needed

MKT 4300 DIRECT MARKETING (3)

An introduction to direct marketing with emphasis on database marketing, strategic business planning, importance of the offer, selecting and selling merchandise, business-to-business direct marketing, fundraising, mailing lists, magazines, newspapers, electronic media, telemarketing, production, idea development, and integrating direct marketing into the overall marketing mix.

Prerequisite: MKT 1510 or permission of the instructor, department chair, or school head, college dean

Offered: as needed

MKT 4400 CONTENT MARKETING (3)

This course focuses on the communication and promotional aspects of marketing strategy. This includes traditional media, advertising, content marketing, personal selling, sales promotion, direct marketing and public relations, and digital media and viral marketing. The primary focus of this course will be content marketing. Content marketing is a strategic marketing approach focused on creating and distributing valuable, relevant, and consistent content to attract and retain a clearly defined audience – and, ultimately, to drive profitable customer action.

Prerequisites: MKT 3800

MKT 4500 CUSTOMER RELATIONSHIP MANAGEMENT (3)

The Customer Relationship Management (CRM) course will introduce students to using technology in marketing and professional sales. This course focuses on sales force automation and principles of customer relationship management (CRM). Students will be introduced to CRM concepts and functionality and will develop full proficiency in using CRM systems through hands-on use of CRM software.

Prerequisite: MKT 4200

MKT 4550 MARKETING TECHNOLOGIES (3)

The objectives of the course are to provide students with a broad introduction to existing and emerging technologies shaping today's business environment. By the end of the course, students will have exposure to technologies that are used in the marketing and management areas. Students will have hands-on experience using these technologies and exploring the marketing and management opportunities surrounding these technologies. Students will also research and discuss applications of technologies from a marketing perspective.

Prerequisites: MKT 1510 or permission of the instructor, department chair, school head, or college dean
Offered: fall

MKT 4600 E-COMMERCE II (3)

An application class designed to give students a working knowledge of using E-Business software. Students are required to design and implement an E-Business site.

Prerequisites: MKT 3600, or permission of the instructor, department chair, school head, or college dean
Offered: as needed

MKT 4700 MARKETING STRATEGY (3)

The purpose of this course is to study and practice the managerial approach to marketing, where managers are viewed as decision-makers and problem solvers. Students develop skills in linking the logic and concepts of marketing to relevant data, analyzing data, and making rational decisions. Capstone course for marketing majors.

Prerequisites: At least 12 earned credit hours of MKT courses, or permission of the instructor, department chair, school head, or school dean
Offered: as needed

MKT 4800 MARKETING ANALYTICS (3)

Marketing analytics is fundamental to digital marketing because it is the language used to optimize and connect results across all digital marketing tactics (search, social media, email, display, video, etc.). An effective marketer is a vital data translator for a business. Understanding marketing analytics requires the cultivation of both technical and soft skills. These skills are taught through this course.

Prerequisites: MKT 4550

MKT 4850 SPECIAL TOPICS IN MARKETING (3)

A topic in marketing not covered in depth in any of the other established courses in business.
Offered: as needed

MKT 4990 INDEPENDENT STUDY IN MARKETING (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in marketing.
Prerequisite: Requires approval by the faculty advisor, the supervising professor, the department chair, school head, and the college dean, before approval by Provost

SPORT MANAGEMENT (B.S.)

The Department of Sport Management offers a major and a minor program. Students studying Sport Management can choose from a variety of Sport- and Business-related courses. A degree in Sport Management prepares individuals for professional careers within sport organizations, such as non-profit companies, commercial and private enterprises, government/public sector jobs, and various levels of professional sports.

Mission

The mission of the Sport Management Program is to provide a professional and comprehensive education in the classroom, combined with real-world opportunities through internships, to produce future leaders of the sport industry.

Goals

- Students will be able to demonstrate content knowledge in all functional areas of sport management.
- Students will demonstrate professionalism, think critically, and exhibit problem solving skills.

- Students will communicate effectively and persuasively, both verbally and in writing.

Bachelor of Science in Sport Management

Reeves School of Business Foundation Core Requirements: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
ACC 1520 Principles of Managerial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
ECO 1510 Principles of Macroeconomics	3 credit hours
ECO 1520 Principles of Microeconomics	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

RSB Professional Core Requirements: 9 credit hours

BUS 2160 Statistics for Business and Economics	3 credit hours
BUS/FIN 3320 Managerial Finance	3 credit hours
BUS 3520 Business Law I	3 credit hours

Required Sport Management Courses: 24 credit hours

BUS 4700 Business Strategy	3 credit hours
SMA 1010 Introduction to Sport Management	3 credit hours
SMA 3220 Event Management	3 credit hours
SMA 3600 Facility Management and Operations	3 credit hours
SMA 4220 Sport Administration	3 credit hours
SMA 4230 Sport Marketing, Sales, and Promotions	3 credit hours
SMA 4500 Sport Finance and Economics Capstone	3 credit hours
SMA 4900 Internship in Sport Management	3 credit hours

Elective Courses: 6 credit hours

Select two courses (6 credit hours) from the following list of electives:

BUS 3750 Human Resource Management	3 credit hours
BUS 3910 Negotiation	3 credit hours
MKT 3800 Advertising and Promotion	3 credit hours
MKT 4200 Professional Selling and Sales Management	3 credit hours
SMA 2250 Sport Governance	3 credit hours
SMA 3540 Legal Issues in Sport	3 credit hours
SMA 4850 Special Topics in Sport Management	3 credit hours
SMA 4990 Independent Study in Sport Management	3 credit hours

Note: An elective course for any Reeves School of Business major may only be used to meet the requirements of one major. A required class in any Reeves School of Business major may not be used as an elective for another Reeves School of Business major.

Total: 57 credit hours

Minor in Sport Management

Required Courses: 12 credit hours

SMA 1010 Introduction to Sport Management	3 credit hours
SMA 3220 Event Management	3 credit hours
SMA 3600 Facility Management and Operations	3 credit hours

SMA 4230 Sport Marketing, Sales, and Promotions	3 credit hours
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Elective Courses: 6 credit hours

Select two courses (6 credit hours) from the following list of electives:

BUS 3750 Human Resource Management	3 credit hours
BUS 3910 Negotiation	3 credit hours
MKT 3800 Advertising and Promotion	3 credit hours
MKT 4200 Professional Selling and Sales Management	3 credit hours
SMA 2250 Sport Governance	3 credit hours
SMA 3540 Legal Issues in Sport	3 credit hours
SMA 4850 Special Topics in Sport Management	3 credit hours
SMA 4990 Independent Study in Sport Management	3 credit hours

Total: 18 credit hours

Sport Management Course Descriptions - SMA

SMA 1010 INTRODUCTION TO SPORT MANAGEMENT (3)

The purpose of this course is to provide an overview of the sport industry that introduces the student to the fundamental knowledge and skill sets required of the sport manager to solve sport business problems. Focus will also be placed on understanding career options in the sport industry and preparing for employment. Identifies necessary competencies for sport managers.

Offered: fall

SMA 2250 SPORT GOVERNANCE (3)

The purpose of this course is to expose students to various governing bodies in professional and amateur sport. Students will study the organizational structure and policy functions of various governing entities. There will be an examination of sport as a cultural product and the relationships within sport affecting sport organizational structures with emphasis given to the dynamics of sport organizations.

Offered: as needed

SMA 3220 EVENT MANAGEMENT (3)

The purpose of this course is to explore the roles and functions of facility and events managers. It examines a variety of public assembly and privately managed sport facilities; the steps and skills required to effectively plan, organize, lead, and evaluate an event, and facilities to meet the needs of sports organizations. Experiential Learning course with MU Athletic Department.

Offered: fall and spring

SMA 3540 LEGAL ISSUES IN SPORTS (3)

A study of legal principles as applied to professional and amateur sport organizations and participants. An overview of contract law, tort law, constitutional law, administrative law, antitrust law, collective bargaining, and arbitration as it relates to the sport industry. Class presentations on current legal issues are required.

Prerequisite: SMA 1010

Cross-listed with BUS 3540

Offered: as needed

SMA 3600 FACILITY MANAGEMENT AND OPERATIONS (3)

Students will explore the sport and hospitality industries from concept and development to management and operation with examples from sports venues such as golf courses, tennis facilities, water sports and spas. The course covers facility planning, staffing, front and back of the house management, physical plant maintenance and sustainability practices. Prerequisite: SMA1010 or RMT 1010 or permission of the instructor

Cross-listed with PTM 3600

Offered: as needed

SMA 4220 SPORT ADMINISTRATION (3)

The purpose of this course is to understand the issues related to the administrative tasks of planning, managing, budgeting, and operating various types of sports programs. Topics covered include the administration and planning of high school, college, and professional sports programs.

Prerequisite: SMA 1010

Offered: fall

SMA 4230 SPORT MARKETING, SALES, AND PROMOTIONS (3)

The purpose of this course is to develop promotions, marketing, and sales skills within the context of sport management. This provides a comprehensive study of promotions and marketing practices in the industry. Analysis of sport sponsorship, retention strategies and evaluation methods, plus fundraising and promotion of sports services and products to the sports consumer. Experiential Learning Course with Fayetteville Marksmen Hockey.

Prerequisite: SMA 1010

Offered: spring

SMA 4500 SPORT FINANCE AND ECONOMICS CAPSTONE (3)

The purpose of this capstone course is to provide a financial and economic overview of professional, collegiate, and recreational sports. Students will study the different methods and means by which sport and recreation are financed. Students will explore the financial structures of sport organizations and various economic principles applied to the sport industry.

Prerequisite: SMA 1010, BUS 3320, and 75 earned credit hours or permission of instructor

Offered: spring

SMA 4850 SPECIAL TOPICS IN SPORT MANAGEMENT (3)

This course is designed to provide a platform for SMA faculty to teach a class that might address a timely issue in Sport, or to try out new course ideas.

Offered: As needed

SMA 4900 INTERNSHIP IN SPORT MANAGEMENT (3)

The purpose of this course is to provide an experiential learning opportunity through placement with organizations in either the private or public sectors. Students are responsible for securing an internship prior to the start of classes. The student is assigned duties and responsibilities approved by the Director of Internships. The student is to be under the direct supervision of a working professional at their internship site and will be evaluated by both their internship supervisor and the course instructor. Students are expected to acquire relevant skills and develop a professional network to prepare for entry-level employment in their major. Weekly class contact and written assignments are required to include a final project or report encompassing the internship experience. Classroom instruction covers professional development skills such as goal setting, office culture, networking, etiquette and communication, conflict management, change management, relevancy, and transitions.

Offered: fall, spring, and summer.

SMA 4990 INDEPENDENT STUDY IN SPORT MANAGEMENT (1-3)

This course is an individual, directed study in a sport-related special interest on a previously approved topic taken under the supervision of a faculty member within the Sport Management department.

Approval of the SMA Director is required.

Offered: as needed

ENTREPRENEURSHIP

Minor in Entrepreneurship

Required Courses: 18 credit hours

ACC 1510 Principles of Financial Accounting	3 credit hours
BUS 1510 Management and Organization	3 credit hours
BUS 1750 Personal Finance	3 credit hours
ENP 3010 Entrepreneurship	3 credit hours
ENP 3230 New Venture Capital	3 credit hours
MKT 1510 Principles of Marketing	3 credit hours

Total: 18 credit hours

Undergraduate Certificate in Entrepreneurship

Required Courses: 9 credit hours

ENP 3010 Entrepreneurship	3 credit hours
ENP 3100 Growing a Business	3 credit hours
ENP 4700 Entrepreneurship Internship	3 credit hours

Elective Course: 3 credit hours

Select a 3-credit hour class from the student's chosen major (approved by the department chairperson) at the 3000 level or higher.

Additional Requirements: The Undergraduate Certificate Program in Entrepreneurship (CPE) provides students from all majors the opportunity to learn how to start and manage their own businesses. The CPE consists of four courses (12 hours) in a 2-1-1 format. Students must take ENP 3010 and ENP 3100 prior to taking ENP 4700. The 3 credits elective course must be approved by the department chair prior to the student matriculating in the CPE. An entrepreneurship certificate will be granted after the successful completion of the program provided the student has a C average in the major course and a C average in Entrepreneurship. However, students must complete 50% of the certificate courses in residence and earn a minimum cumulative GPA of 2.0 in the certificate courses.

Total: 12 credit hours

Entrepreneurship Course Descriptions - ENP

ENP 3010 ENTREPRENEURSHIP (3)

This course covers the structuring process from conception to birth of a new venture. It concentrates on the attributes of successful endeavors, opportunity recognition, venture screening, innovation and creativity, identification of resources, and feasibility analysis to learn how to turn opportunities into viable businesses. Also included are business plans, financial start-up decisions, operating problem recognition, and problem solving.

Prerequisite: none

Cross-listed with BUS 3010

Offered: as needed

ENP 3100 GROWING A BUSINESS (3)

This course deals with key factors that will impact the ability of business to grow beyond the infancy stage. These factors may include such issues as the organizational structure and incentives, lean startup methodologies, metrics used to measure success, and effective marketing and branding. Concepts will be taught and applied through project work, with the focus being to minimize new business failure by changing the way companies are built and new products are launched.

Prerequisite: none

Offered: as needed

ENP 3230 NEW VENTURE CAPITAL (3)

Business creation and innovation is explored through case analysis. This is applied to student ideas for a new business. A business plan is created. Venture financing models are considered to support the creation of the business. Entry and exit strategies are considered, such as franchising, acquisitions, sale, merger, and liquidation. The course provides an understanding of the mindset, behaviors, experiences, and skills of an entrepreneur. Key components to coursework include learning how to evaluate and value new ventures, how to anticipate problems and develop pragmatic solutions, and assembling the resources to implement a strategic vision. Prerequisites: none

Cross-listed with BUS 3230

ENP 4700 ENTREPRENEURSHIP INTERNSHIP (1-3)

On-the-job experience in an entrepreneurial business. The student is assigned duties and responsibilities approved by the Director of Internships and supervised and evaluated by the University instructor and onsite trainer. Weekly class contact, journal, or written reports are required. An undergraduate academic internship requires a minimum of 50 hours for one semester hour of credits.

Prerequisite: none

Offered: as needed

PROFESSIONAL PROGRAMS: PGA GOLF MANAGEMENT

A Reeves School of Business major with a concentration in PGA Golf Management at Methodist University prepares students to secure entry-level positions in the golf industry. It provides a student with the opportunity to pursue a career as a golf professional in the private or public sector, in a resort or in the corporate golf structure. Careers are also available in golf administration, club management, turf management, or in sales as an industry representative. Future study in graduate school is possible in accounting, business administration, financial economics, marketing, and related fields.

Accreditation

The PGA Golf Management Program at Methodist University is accredited by the Professional Golfers' Association of America (PGA). This accreditation requires students to successfully complete the Playing Ability Test (PAT) and Levels 1, 2, and 3 prior to graduation from the PGA Golf Management Program at Methodist University. Students must stay with their cohort as they progress through the PGA Golf Management Program. A cohort is defined as a group of students who successfully matriculate through the PGA Golf Management Program requirements as a cohesive group.

Goals

- Students will gain on the ground practical experience within the golf industry.
- Students will be effective managers and leaders of golf facilities.
- Students will be effective teachers of golf instruction.
- Students will gain expertise in utilizing industry standard technology.
- Students will complete and pass all PGA requirements, including the Playing Ability Test.

Mission

The mission of the PGA Golf Management University Program is to recruit diverse and talented students and develop them into committed professionals by providing a comprehensive and progressive educational program designed to prepare future PGA Members for a life-long career in golf. Students will gain valuable work experience and enhanced playing and teaching skills, while fostering a sense of community through enjoyment and involvement in the game of golf.

Concentration in PGA Golf Management

The PGA Golf Management concentration is only available to the following RSB major degree programs: Bachelor of Science in Accounting, Business Administration, Financial Economics or Marketing. Business Administration majors can only count PGM 2110 and PGM 3210 as both Business Administration electives and PGM concentration courses.

PGA Golf Management CORE Requirements: 27 credit hours

PGM 1010 Introduction to Golf Management	3 credit hours
PGM 1120 Teaching and Coaching I	3 credit hours
PGM 2110 Facility Management I	3 credit hours
PGM 2120 Rules of Golf & Golf Technology	3 credit hours
PGM 3020 Turfgrass Management & Sustainability	3 credit hours
PGM 3210 Facility Management II	3 credit hours
PGM 3220 Teaching & Coaching II	3 credit hours
PGM 4310 Teaching & Coaching III	3 credit hours
PGM 4320 Facility Management III	3 credit hours

PGM Internship Requirements: 15 credit hours

PGM 1170 Internship I – 3 months	1 credit hours
PGM 2170 Internship II – 3 months	1 credit hours
PGM 3270 Internship III – 3 months	1 credit hours
PGM 4370 Internship IV – 7 months	12 credit hours

PGM Seminar Requirements: 2 credit hours

Students are required to complete one seminar each academic year for a total of four seminars.

PGM 1910 First Year Seminar	0.5 credit hour
PGM 1920, 2910, 2920, 3910, 3920, 4910, 4920	0.5 credit hour each

Total: 44 credit hours

Playing Ability Test Requirement

A requirement of the PGA Golf Management program is to successfully pass the Playing Ability Test. Unless a student enters the PGA Golf Management program having already passed the PAT, students must participate in a PAT (weather permitting) at least one time during their first year in the PGA Golf Management program. For years two and beyond, students must participate in a PAT a minimum of two times per year with encouragement to participate in a third PAT until the test is passed. Students who have not passed the PAT will be required to complete a Player Development Plan created by the PGA Golf Management staff.

PGA Golf Management Internship Requirement

Any student who is ineligible for two (2) internships due to academic or other reasons will be dismissed from the program unless permission is granted by the Director of the Program.

PGA Membership

Successful completion of the PGA Golf Management program at Methodist University by a student will not automatically result in membership in the PGA of America. Membership requirements of the PGA of America may change during a PGA student's tenure. A student will be required to fulfill all membership requirements as they now exist or as they may be amended in the future to be eligible for PGA membership.

PGA Golf Management Course Descriptions - PGM

PGM 1170, 2170, 3270 INTERNSHIP (1)

formerly PGM 1700, 2700, 3700

Experiential learning in all aspects of golf management acquired through a 12-week internship. Supervision and evaluation conducted by the internship director and on-site PGA Professional. Written evaluations required at the completion of internships. Placement determined by the internship director and student. Students are required to maintain good academic standing to be eligible to participate in an internship for credit. Housing and health insurance are not the responsibility of the University. Prerequisite for PGM 1170: PGM 1010
Prerequisite for PGM 2170: PGM 1170
Prerequisite for PGM 3270: PGM 2170

PGM 1910 FIRST YEAR SEMINAR (0.5)

formerly PGM 1950

Supervised participation in formal seminars taught jointly by university instructors, PGA officials and CEO's of leading businesses.
Pass/Fail grading scale

PGM 1920, 2910, 2920, 3910, 3920, 4910, 4920 SEMINAR (0.5)

formerly PGM 1960, 2950, 2960, 3950, 3960, 4950, 4960

Supervised participation in formal seminars taught jointly by university instructors, PGA officials and CEO's of leading businesses.
Pass/Fail grading scale

PGM 1010 INTRODUCTION TO GOLF MANAGEMENT I (3)

formerly PGM 2010

An overview of opportunities and responsibilities in the golf profession and PGA Program design; PGA history, purpose, and constitution; history of the game; USGA Rules of Golf and Tournament Operations. Open to PGA Golf Management students only. Co-requisite/prerequisite for all PGA Golf Management courses.
Offered: fall

PGM 1120 FACILITY MANAGEMENT I (3)

formerly PGM 3040

An introduction to the overall management of the golf business. Golf management principles, marketing a golf facility, and accounting principles. Other topics include the importance of, and steps involved in business planning, financial forecasting, and budgeting. This class will also focus on golf car fleet management. Required for sophomores.
Prerequisite: PGM 1010 or permission of the department chair/school head/college dean
Offered: spring

PGM 2110 TEACHING & COACHING I (3)

formerly PGM 2020

An overview of teaching and club performance, professional terminology, and customer relations. Open to PGA Golf Management students only.

Prerequisite: PGM 1010 and PGM 1120. Co-requisite/prerequisite for all PGA Golf Management courses

Offered: fall

PGM 2120 RULES OF GOLF AND GOLF TECHNOLOGY (3)

An in-depth study of the USGA Rules of Golf – Some of the topics include: the Rules of Golf, Interpretations that provide guidance in the understanding of terminology and the application of Rules. Golf Technology - A science-based system of instruction will be presented. Different technologies and media used to communicate golf swing data will be discussed. Various instructional methods will be examined with Proper techniques for measuring golf club specifications, how to customize specifications and set make-up, and how to dynamically fit a complete golf club set - woods, irons, wedges, and putters.

Offered: spring

PGM 3020 TURFGRASS MANAGEMENT & SUSTAINABILITY (3)

This class is an introduction to turf grasses and sustainable environmental maintenance procedures necessary for meeting modern golf course playability standards. The focus is communicating with golf course superintendents and the customers about regular practices. Lectures and laboratory classes study basic plant physiology, turf grass identification, cultural practices, fertility requirements, integrated pest management strategy and environmental concerns related to effective golf course management. Human resource, financial, and governmental issues are also discussed.

Offered: spring

PGM 3210 FACILITY MANAGEMENT II (3)

formerly PGM 4020

An in-depth study of merchandise and inventory management in the golf business. Students will learn how to develop an Open-To-Buy plan, a merchandise assortment plan, and select the criteria for merchandise selection. This course is a comprehensive study of golf retail management to include buying strategies, record keeping, financial reporting, vendor relations, visual merchandising, pricing, planning promotions, and analyzing performance variances. Laboratory components may include previewing, buying and tracking sell through of product for actual golf shops associated with the PGA Program.

Prerequisites: PGM 1010 and 1120, PGM 2110 or permission of the department chair/school head/college dean

Offered: fall

PGM 3220 TEACHING & COACHING II (3)

formerly PGM 3010

The course is designed for students to develop a further understanding of instruction, club alteration, fitness, and psychological factors as they directly relate to playing and teaching the game of golf. Students will learn to assess themselves and others to form a plan to improve the areas named above. Furthermore, in the class students will participate in creating instructional programs, club fitting, psychological assessments, and fitness workouts.

Prerequisite: PGM 1120 or permission of the department chair/college dean

Offered: spring

PGM 4310 TEACHING & COACHING III (3)

formerly PGM 4010

The sciences applied to the golf swing, causes and effects; laws, principles, and preferences of a model swing; professional terminology for golf teachers; comparisons of teaching styles; the role of club fitting in relation to equipment and game improvement; private and group lessons; the psychology of playing and course management; and nutrition and fitness in golf today.

Prerequisite: PGM 3220 or permission of the department chair/school head/college dean

Offered: fall

PGM 4320 FACILITY MANAGEMENT III (3)

formerly PGM 4850

In-depth study of a specific area of the golf industry as it relates to the golf professional and preparation for player development and the teaching business. Provides PGA students with knowledge, theory, and application of concepts in golf operations specific to: supervising and delegating, food and beverage control, golf car fleet management, golf operations, turf grass, business planning, career enhancement, and merchandise and inventory management.

Prerequisite: PGM 1170, 2170, and 3270, or permission of the program director

Offered: spring, fall as needed

PGM 4370 INTERNSHIP (12)

formerly PGM 4700

A five to seven-month internship when a student is within 12 credit hours of completing all academic requirements. It is the final work experience that blends all classroom academic learning with the everyday practical application of the golf business. Housing and health insurance are not the responsibility of the University.

Prerequisite: PGM 1170, 2170, and 3270

Offered: spring and fall

Pass/Fail grading scale

PGM 4790 SPECIAL TOPICS IN PGA GOLF MANAGEMENT (1-3)

This course is designed to provide a platform for PGA faculty to teach a class that addresses a timely issue in golf or to try out potential new course ideas.

Offered: as needed

PGM 4990 INDEPENDENT STUDY IN GOLF MANAGEMENT (1-3)

An opportunity for well-qualified PGA Golf Management students to engage in a special research project.

Prerequisite: approval by the faculty advisor, the supervising professor, the department chair, the school head, and the college dean before approval by Provost. Credits to be determined.

PROFESSIONAL PROGRAMS: PROFESSIONAL TENNIS MANAGEMENT (PTM)

The Professional Tennis Management (PTM) program offers a wide range of career opportunities in the tennis industry and general business and serves as a basis for graduate study. The tennis industry path leads to becoming a tennis teaching professional, director of tennis, manufacturer's sales representative, pro shop manager, college tennis coach, tennis facility manager, or tennis industry administrator.

The curriculum provides for students to obtain several industry certifications including Certified Tennis Professional (Level Two) or Instructor (Level One) level with both the United States Professional Tennis

Association (USPTA) and the Professional Tennis Registry (PTR). Students will also become USTA Certified Officials and Referees and pass the USTA Introduction to Sport Science certification. The Methodist University PTM program is accredited by the USTA.

In addition to the entrance requirements of Methodist University, those entering the Professional Tennis Management program must meet the minimum playing ability level for their intended course of study.

Mission

The Methodist University Professional Tennis Management program will Engage, Enrich, and Empower its students with the necessary skill sets, experience, and network to flourish successfully within the tennis industry as a viable career path. Our program emphasizes moral values and ethical decision making in all courses and activities.

Goals

- Students will earn the appropriate certifications and qualifications to facilitate employment opportunities.
- Students will experience a hands-on learning environment.
- Students will network with a wide variety of industry leaders to increase their business contacts.
- Students will develop their playing and teaching skills through structured on court activities.
- Students will utilize current and state-of-the-art applications relevant within the tennis industry.

Concentration in Professional Tennis Management

Acceptance into the PTM concentration and program requires a minimum playing level of a 4.0 NTRP Dynamic Rating in addition to meeting regular admission requirements set forth by the university. The concentration is only available to the following RSB major degree programs: Bachelor of Science in Accounting, Business Administration, Financial Economics, Marketing, Management, or Sport Management. Successful completion of concentration requirements results in an industry Certified Tennis Professional Certification.

Professional Certificate Program Requirements

The acceptance and completion requirements for the PTM Professional Certificate Program are the same as the Concentration in PTM requirements. PTM Professional Certificate Program students must have previously earned a degree from a four-year institution and can typically complete the requirements in a two-year time period.

Required Base Courses: 12 credit hours

PTM 1010 Introduction to Professional Tennis Management	3 credit hours
PTM 1450 Teaching Methods I	3 credit hours
PTM 2450 Teaching Methods II	3 credit hours
PTM 2500 Racquet Repair & Tennis Techniques	3 credit hours

PTM Internships: 3 credit hours

PTM 1700 Internship I	1 credit hour
PTM 2700 Internship II	1 credit hour
PTM 3700 Internship III	1 credit hour

PTM Professional Seminars (select six seminars): 3 credit hours

PTM 1250, 1260, 2250, 2260, 3250, 3260, 4250, 4260	0.5 credit hour each
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PTM Elective Courses: 6 credit hours

Select a minimum of two courses (6 credit hours) from the following list:

PTM 3300 Tennis Facility Management	3 credit hours
PTM 3400 Sport Science in Tennis	3 credit hours
PTM 3450 Advanced Teaching Methods	3 credit hours
PTM 3600 Club Management & Operations	3 credit hours
PTM 4500 PTM Capstone Course -Obtaining Specializations	3 credit hours

Other PTM Concentration Requirements:

- Completion of a minimum of 24 academic hours as specified
- Certification by the USPTA or PTR as a Level Two Certified Tennis Professional
- Certification as a USTA Official & Referee
- USTA Introduction to Sport Science Certification
- USTA Teaching Essentials I, II & III Certification

Successfully passing the following assessments for the Methodist PTM Program:

- Ball Feeding Assessment – Part I & Part II
- Teaching Basics Assessment – Part I & Part II
- Facility Management Assessment
- Sport Science Assessment
- Court Maintenance Assessment
- Video Analysis Assessment
- Statistical Analysis Assessment
- Advanced Teaching Assessment
- Racquet Stringing Assessment (may be replaced with USRSA's PRA Certification)

Total: 24 credit hours and other required assessments

Minor in Professional Tennis Management

Students enrolled in a major housed within the Reeves School of Business are not eligible for a minor in Professional Tennis Management. However, students have the option to earn a minor in Professional Tennis Management if they have a major outside of the Reeves School of Business which results in an Instructor Certification in the industry. Acceptance into the Minor in Professional Tennis Management program does not require a specific level of playing ability in addition to the regular admission requirements by the university.

Required Base Courses: 12 credit hours

PTM 1010 Introduction to Professional Tennis Management	3 credit hours
PTM 1450 Teaching Methods I	3 credit hours
PTM 2450 Teaching Methods II	3 credit hours
PTM 2500 Racquet Repair & Tennis Techniques	3 credit hours

PTM Internships: 1 credit hour

PTM 1700 Internship I	1 credit hour
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PTM Professional Seminars (select 4 seminars): 2 credit hours

PTM 1250, 1260, 2250, 2260, 3250, 3260, 4250, 4260	0.5 credit hour each
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PTM Elective Courses: 3 credit hours

Select one course (3 credit hours) from the following list:

PTM 3300 Tennis Facility Management	3 credit hours
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PTM 3400 Sport Science in Tennis	3 credit hours
PTM 3450 Advanced Teaching Methods	3 credit hours
PTM 3600 Club Management & Operations	3 credit hours

Other PTM Minor Requirements:

- Completion of a minimum of 18 academic hours as specified Certification by the USPTA or PTR as a Level One Instructor
- Certification as a USTA Official & Referee
- USTA Introduction to Sport Science Certification
- USTA Teaching Essentials I, & II Certification

Successfully passing the following assessments for the Methodist PTM Program:

- Ball Feeding Assessment – Part I & Part II
- Teaching Basics Assessment – Part I & Part II
- Facility Management Assessment
- Court Maintenance Assessment
- Video Analysis Assessment
- Statistical Analysis Assessment
- Racquet Stringing Assessment (may be replaced with USRSA's PRA Certification)

Total: 18 credit hours and other required assessments

Professional Tennis Management Instructor Certificate Program

The acceptance and completion requirements for the PTM Instructor Certificate Program are the same as the Minor in PTM requirements. PTM Instructor Certificate Program students must have previously earned a degree from a four-year institution and can typically complete the requirements in a one-year period.

Professional Tennis Management Course Descriptions - PTM

PTM 1010 INTRODUCTION TO PROFESSIONAL TENNIS MANAGEMENT (3)

Review of career opportunities in the tennis industry, as well as qualifications and responsibilities associated with them. Feeding skills and basic tennis theory is included. Students will complete all Coach Youth Tennis requirements and National Cardio Tennis Certification. This course is offered every fall semester.

PTM 1250, 1260, 2250, 2260, 3250, 3260, 4250, 4260 PROFESSIONAL SEMINARS (0.5)

Experts from the tennis industry conduct educational seminars on topics such as teaching, pro shop operations, and club management. Six workshops are required for graduation.

Pass/Fail grading scale

Offered: fall and spring

PTM 1450 TEACHING METHODS I (3)

Students will learn the basic concepts of teaching tennis to both groups and individuals. Focus will be on the structure of the class and proper ball feeding techniques. Students will learn how to manage large groups and various learning styles in addition to providing a student-centered experience with the proper use of progressions. Students will complete the USTA Teaching Essentials I workshop as part of this course. Students will be prepared to take the PTM Ball Feeding Assessment Part I and the PTM Teaching Basics Part I Assessment.

Offered: spring

PTM 1700, 2700, 3700 INTERNSHIP I, II, III (1)

Learning operational aspects of the tennis industry through a minimum 320-hour paid work experience. Good academic and program standing is required. Students are monitored by a faculty member to complete checkpoints during each internship. An employer evaluation is required at the completion of the internship. Requirements for each internship must be met before registering for the next internship. These courses are offered every semester. All students who are participating in a paid internship are subject to random drug testing prior to and during employment according to the Reeves School of Business Drug Policy.

Prerequisites: Course completion and associated PTM Assessments for the appropriate level of internship is required

PTM 1700 Internship: PTM 1010 & PTM 1450

PTM 2700 Internship: All PTM Base Courses (PTM 1010, PTM 1450, PTM 2450 & PTM 2500)

PTM 3700 Internship: All PTM Base Courses & one PTM Elective Course

Offered: Summers (other times by permission of PTM Director)

PTM 2450 TEACHING METHODS II (3)

Utilizing more advanced techniques in the management and execution of tennis coaching, students will learn to integrate tactical situations with technical development for players. Use of the Net Generation application, development of appropriate lesson plans and effective analysis of stroke production will be topics in this course. Students will complete the USTA Teaching Essentials II workshop as part of this course. Students will be prepared to take the PTM Ball Feeding Assessment Part II and PTM Teaching Basics Part II Assessment.

Offered: Spring

PTM 2500 RACQUET REPAIR & TENNIS TECHNIQUES (3)

Introduction to the techniques used in proper racquet repair and stringing as provided by the USRSA and to the use of technology in the tennis industry. Students will prepare for the USRSA Professional Racquet Advisor designation and may elect to pursue the Master Racquet Technician certification. Students will also learn how to use statistical and video analysis in the coaching of tennis players using the RacquetFit program in addition to using ball machines and other technology for effective operations. Students will be prepared to take the PTM Statistical Analysis Assessment and the PTM Video Analysis Assessment.

Offered: Fall

PTM 3300 TENNIS FACILITY MANAGEMENT (3)

The management of tennis facilities as a business is covered, including planning, event planning, programming, financial management, pro shop operations, marketing, and risk management.

Prerequisites: PTM 1010, PTM 1450, PTM 2500 and PTM 2450 or permission of the PTM Director

Offered: spring

PTM 3360 DOMESTIC BUSINESS EXPERIENCE (3)

An American business is a dynamic process that brings together people, consumers, technology, natural resources, and human initiative in a constantly changing and competitive environment. To understand the framework in which a business operates, students will travel for an exploration and learning opportunity from the business. This course will require research and class time at an off-site location as selected by the professor of record. An additional fee will apply to cover the costs of travel and lodging. Travel for student conferences and conventions is prohibited as part of this course.

Prerequisites: PTM 1010, PTM 1450, PTM 2500 and PTM 2450 or permission of the PTM Director

PTM 3400 SPORT SCIENCE IN TENNIS (3)

The understanding of Sport Science in the coaching of tennis is a basic requirement in the tennis industry. This course will allow students to learn the principles of biomechanics, motor learning, sport medicine, sport psychology, strength and conditioning, nutrition and injury rehabilitation and pre-rehabilitation. The topics covered in this course will be utilized in PTM 3450 Advanced Teaching Methods as students learn to apply concepts in this course with actual player development on the court. Students will be prepared to take the PTM Sport Science Assessment.

Prerequisites: PTM 1010, PTM 1450, PTM 2500 and PTM 2450 or permission of the PTM Director.

Offered: Fall

PTM 3450 ADVANCED TEACHING METHODS (3)

Applying the topics covered in PTM 3400 Sport Science in Tennis, students will learn to implement those concepts into actual development of players of all ages and abilities while learning the American Developmental Model (ADM). The ability to assess, create developmental plans and review progress with the player (and parents when necessary) are critical steps in the process. Students will complete the USTA Teaching Essentials III workshop as part of this course. Students will be prepared to take the PTM Advanced Teaching Assessment.

Prerequisites: PTM 1010, PTM 1450, PTM 2500, PTM 2450 and PTM 3400 or permission of the PTM Director.

Offered: Spring

PTM 3600 FACILITY MANAGEMENT & OPERATIONS (3)

Students will explore the sport and hospitality industries from concept and development to management and operation with examples from sports venues such as golf courses, tennis facilities, water sports and spas. The course covers facility planning, staffing, front and back of the house management, physical plant maintenance and sustainability practices.

Prerequisites: PTM 1010, PTM 1450, PTM 2500 and PTM 2450 or permission of the PTM Director.

Cross-listed with SMA3600

Offered: Spring

PTM 4300 FOOD AND BEVERAGE MANAGEMENT (3)

The course covers the fundamentals of food, beverage, and labor controls. The student will be exposed to the concepts of food cost, beverage cost, menu engineering, labor cost, purchasing and inventory requirements, labor factor analysis, staff training and legal issues in the handling and serving of alcoholic beverages. The course is rich in hands-on demonstrations, menu design and costing activities. The course requires a fee to cover specific PGA requirements for PGM students.

Prerequisite: Successful completion of at least one PGM or PTM internship course

Offered: fall and spring

PTM 4500 CAPSTONE COURSE: OBTAINING SPECIALIZATIONS (3)

Students who obtained their certification as a Certified Tennis Professional from the USPTA and/or PTR during their junior year have the opportunity to obtain one or more specializations offered by the organizations. Specializations are set by individual organizations and the tennis industry and may change at any time in the future. The Methodist PTM Program does not control the specializations offered. Students will collaborate with the instructor in a group setting but will perform much of the required work for the specialization in an independent manner. Current specializations include the following: USPTA Facility Management, USPTA Pro Shop Operations, USPTA Wheelchair Tennis

USPTA Competitive Player Development, PTR Level Three Junior Development, PTR Level Three Adult Development, and PTR Level Three Performance Development

Prerequisites: PTM 1010, PTM 1450, PTM 2500 and PTM 2450 in addition to either PTM 3300 & PTM 3600 or PTM 3400 & PTM 3540, or permission of the PTM Director.

Offered: Spring

PTM 4990 INDEPENDENT STUDY IN TENNIS MANAGEMENT (1-3)

An opportunity for a well-qualified upper-division student to engage in special research in his/her major. Credits to be determined.

Prerequisite: approval by the faculty advisor, the supervising professor, PTM Director, the school dean and Provost

COLLEGE OF BUSINESS, TECHNOLOGY, AND PROFESSIONAL STUDIES CONTINUED

COMPUTER SCIENCE AND COMPUTER INFORMATION TECHNOLOGY

Mission

The mission of the department is to provide an engaging learning environment and quality curricula for students to attain the skills and knowledge in the field of computing and information technology, and empower them to become successful problem solvers, lifelong learners, and competent professionals in the field.

Goals

- Graduates who major in Computer Science will be prepared to pursue successful careers in computing or a related field.
- Graduates with majors in Computer Science will be prepared to pursue advanced degrees in graduate school.
- Students who complete the introductory course (CSC 1000) in Computer Science will be able to function as computer literate individuals.
- Graduates with majors in Computer Information Technology will be prepared to pursue successful careers in computing or a related field.

COMPUTER SCIENCE (A.S., B.S.)

Computer science is the systematic study of computers and of the phenomena of computing. Formal properties are given more emphasis than realizations or applications. A major objective of the discipline is the formulation of a systematic body of knowledge to explain these properties. One of the most important concepts of computer science is the management of complexity. Students must understand how abstraction is used to control complexity. As a method of reasoning, computer science bears a strong similarity to mathematics and depends heavily upon mathematics. Students should note that, although the introductory sequence in the curriculum is programming, computer science involves much more than programming.

Associate of Science with a concentration in Computer Science

Required Courses: 37 credit hours

CSC 2010 Introduction to Computer Science (3)	MAT 2410 Calculus I (4)
CSC 2020 Introduction to Programming (3)	MAT 2500 Discrete Mathematics I (3)
CSC 2200 Introduction to Computer Organization (3)	MAT 2510 Discrete Mathematics II (3)

CSC 3010 Introduction to Object-Oriented Programming (3)	SCI 1410 Earth Science (3)
CSC 3100 Data Structures and Algorithms (3)	SCI 1420 Biological Science (3)
CSC 3250 Programming Languages (3)	SCI 1430 Physical Science (3)

Total: 37 credit hours

Note: Students must earn a final grade of C- or better in all required courses.

Bachelor of Science in Computer Science

Required Courses: 53 credit hours

CSC 2010 Introduction to Computer Science (3)	CSC 4150 Computer Architecture (3)
CSC 2020 Introduction to Programming (3)	CSC 4200 Database Management (3)
CSC 2200 Introduction to Computer Organization (3)	CSC 4900 Senior Project (3)
CSC 3010 Introduction to Object-Oriented Programming (3)	MAT 2410 Calculus I (4)
CSC 3050 Software Engineering in the UNIX Programming Environment (3)	MAT 2420 Calculus II (4)
CSC 3100 Data Structures and Algorithms (3)	MAT 2500 Discrete Mathematics I (3)
CSC 3250 Programming Languages (3)	MAT 2510 Discrete Mathematics II (3)
CSC 4100 Operating Systems (3)	MAT 3120 Linear Algebra (3)
CSC 4120 Theory of Computability (3)	

Total: 53 credit hours

Note: Students must earn a final grade of C- or better in all required courses.

Minor in Computer Science

Required Courses: 31 credit hours

CSC 2010 Introduction to Computer Science (3)	CSC 3100 Data Structures and Algorithms (3)
CSC 2020 Introduction to Programming (3)	CSC 3250 Programming Languages (3)
CSC 2200 Introduction to Computer Organization (3)	MAT 2410 Calculus I (4)
CSC 3010 Introduction to Object-Oriented Programming (3)	MAT 2500 Discrete Mathematics I (3)
CSC 3050 Software Engineering in the UNIX Programming Environment (3)	MAT 2510 Discrete Mathematics II (3)

Total: 31 credit hours

Note: Students must earn a final grade of C- or better in all required courses.

COMPUTER INFORMATION TECHNOLOGY (B.S.)

In the Computer Information Technology (CIT) program, applications are given more emphasis than formal properties. The student acquires a systematic body of knowledge with respect to business problems and their solutions. Emphasis is given to business information systems, network administration, service support, system administration, and Web based systems. Students should note that, although the introductory sequence in the curriculum is programming, information technology involves much more than programming. The CIT program prepares the student for work in the business arena. The Business Information Systems (BIS) concentration prepares students for work in companies where business skills, computer technology, and management information systems intersect. Graduates with this concentration will work with (or produce) computer-based information systems. The

Interactive Multimedia Application Development (IMAD) concentration prepares students for work in businesses that produce computer applications containing interactive multimedia components. Graduates with this concentration will work with (or produce) computer technology products such as graphical user interfaces, Web-based applications, computer-based training programs, kiosks, computer graphics, and computer games. The Cybersecurity and Information Assurance (CIA) concentration will prepare students to critically assess information storage systems such as the Cloud and local network and data access. Graduates with this concentration will seek careers in the field of system analysis, cloud security, database analysis, system redundancy, and other opportunities that focus on protecting, securing, and controlling access to all data storage and information systems.

*Bachelor of Science in Computer Information Technology

*Concentration in Business Information Systems

Computer Information Technology CORE Requirements: 18 credit hours

CSC 2010 Introduction to Computer Science (3)	CSC 4900 Senior Project (3)
CSC 2020 Introduction to Programming (3)	MAT 1050 (or higher) College Algebra (3)
CSC 2200 Introduction to Computer Organization (3)	MAT 1100 (or higher) Finite Mathematics (3)

Required BIS Concentration Courses: 36 credit hours

ACC 1510 Principals of Financial Accounting (3)	ECO 1520 Principles of Microeconomics (3)
ACC 1520 Principals of Managerial Accounting (3)	CSC 3010 Introduction to Object-Oriented Programming (3)
BUS 1510 Management and Organization (3)	CSC 3050 Software Engineering in the UNIX Programming Environment (3)
BUS 2160 Statistics for Business and Economics (3)	CSC 3090 Web Technologies and Programming (3)
BUS 3320 Managerial Finance (3)	CSC 3100 Data Structures and Algorithms (3)
ECO 1510 Principles of Macroeconomics (3)	CSC 4200 Database Management (3)

Required BIS Concentration Elective Courses: 12 credit hours

Select four courses (12 credit hours) from the following:

CME 3060 Computer Generated Graphics and Animation (3)	Any additional CSC courses at the 3000 level or above (up to 12 credit hours)
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Note: Students must earn a final grade of C- or better in all required courses.

Total: 66 credit hours

*Concentration in Cybersecurity and Information Assurance

Computer Information Technology Core Requirements: 18 credit hours

CSC 2010 Introduction to Computer Science (3)	CSC 4900 Senior Project (3)
CSC 2020 Introduction to Programming (3)	MAT 1050 (or higher) College Algebra (3)
CSC 2200 Introduction to Computer Organization (3)	MAT 1100 (or higher) Finite Mathematics (3)

Required CIA Concentration Courses: 27 credit hours

CSC 3010 Introduction to Object Oriented Programming (3)	CSC 3851 Computer Forensics and Incident Response (3)
CSC 3100 Data Structures and Algorithms (3)	CSC 3901 Cybersecurity Policy and Compliance (3)

CSC 3601 Introduction to Cybersecurity (3)	CSC 4111 Computer Security and Network Virtualization (3)
CSC 3651 Malware Analysis (3)	CSC 4200 Database Management (3)
CSC 3801 Penetration Testing and System Hardening (3)	

Required CIA Concentration Elective Courses: 6 credit hours

Select two courses (6 credit hours) from any 3000 or 4000 level CSC course.

Note: Students must earn a final grade of C- or better in all required courses.

Total: 51 credit hours

Concentration in Interactive Multimedia Application Development

Computer Information Technology Core Requirements: 18 credit hours

CSC 2010 Introduction to Computer Science (3)	CSC 4900 Senior Project (3)
CSC 2020 Introduction to Programming (3)	MAT 1050 (or higher) College Algebra (3)
CSC 2200 Introduction to Computer Organization (3)	MAT 1100 (or higher) Finite Mathematics (3)

Required IMAD Concentration Courses: 24 credit hours

CSC 3010 Introduction to Object Oriented Programming (3)	CSC 3500 Computer Graphics (3)
CSC 3050 Software Engineering in the UNIX Programming Environment (3)	CSC 4200 Database Management (3)
CSC 3090 Web Technologies and Programming (3)	CSC 4400 Human Computer Interface Design and Development (3)
CSC 3100 Data Structures and Algorithms (3)	CSC 4500 Game Programming (3)

Required IMAD Concentration Elective Courses: 18 credit hours

Select 6 courses (18 credit hours) from the following:

CME 3060 Computer Generated Graphics and Animation (3)	CME 3530 Desktop Publishing (3)
CME 3410 Content Management and Web Design (3)	Any additional CSC courses at the 3000 level or above (up to 18 credit hours)

Note: Students must earn a final grade of C- or better in all required courses.

Total: 60 credit hours

*Minor in Computer Information Technology

Required Courses: 21 credit hours

CSC 2010 Introduction to Computer Science (3)	CSC 3050 Software Engineering in the UNIX Programming Environment (3)
CSC 2020 Introduction to Programming (3)	MAT 1050 (or higher) College Algebra (3)
CSC 2200 Introduction to Computer Organization (3)	MAT 1100 (or higher) Finite Mathematics (3)
CSC 3010 Introduction to Object-Oriented Programming (3)	

Total: 21 credit hours

Note: Students must earn a final grade of C- or better in all required courses.

Computer Science Course Descriptions - CSC

CSC 1000 COMPUTER LITERACY: INTRODUCTION TO COMPUTERS & INFORMATION TECHNOLOGY (3)

This course is an introduction to computers and their uses in the electronic office. The course assumes no prior computer experience. Topics will include history of computers, organization and structure of the typical computer, simple troubleshooting of the computer, how to set up computers for use, basic keyboard skills, overview of uses of the computer, overview of different operating systems and user interfaces, introduction of text editing and word processing, electronic mail, databases, spreadsheets, telecommunications, etc.

Prerequisite: none

Offered: fall and spring

CSC 2010 INTRODUCTION TO COMPUTER SCIENCE (3)

An introduction to computer science and programming. No prior programming experience required. Typical problems from the office workplace and their computer solutions will be explored. Elementary problem solving and programming techniques will be studied.

Prerequisite: none

Offered: fall and spring

CSC 2020 INTRODUCTION TO PROGRAMMING (3)

Problem solving, algorithm development, and programming. Some of the problem-solving techniques include top-down design, stepwise refinement, structured programming, and object-oriented design.

Prerequisite: CSC 2010 or permission of the instructor

Offered: spring

CSC 2200 INTRODUCTION TO COMPUTER ORGANIZATION (3)

Computer architecture, organization, data conversions, data representations, CPU structure, memories, addressing, IO devices, and Assembly Language programming are some of the topics. Prerequisite: CSC 2010 or permission of the instructor Offered: spring CSC 3010 INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING 3 credits An introduction to the object-oriented programming methodology using a modern object-oriented programming language. Algorithms and data structures will be studied from the object-oriented viewpoint. The Class concept as an architectural design tool will be a major focus of the course.

Prerequisite: CSC 2010 or 2020 or permission of the instructor

Offered: fall

CSC 3050 SOFTWARE ENGINEERING IN THE UNIX PROGRAMMING ENVIRONMENT (3)

An intensive course in the study of large programming projects and how they are accomplished/implemented in the Unix programming environment. Topics include Java, C, and the Unix programming environment; the tools that Java, C, and Unix provide for dealing with large programming projects; and various topics in software engineering.

Prerequisites: CSC 3010 or permission of instructor

Offered: spring

CSC 3090 WEB TECHNOLOGIES AND PROGRAMMING (3)

Students study a broad spectrum of Web programming technologies. Materials include markup languages, cascading style sheets, document object model, client-side scripting, server-side application development, and multi-tier Internet database application development.

Prerequisites: CSC 2010 or CSC 2020 or permission of instructor

Offered: as needed

CSC 3100 DATA STRUCTURES AND ALGORITHMS (3)

Complexity, data structures, searching and sorting not covered in 3010, graphs, and mathematical algorithms.

Prerequisites: CSC 3010 or permission of instructor

Offered: spring

CSC 3140 NUMERICAL METHODS (3)

Error analysis, interpolation, numerical differentiation and integration, solutions of linear and non-linear systems of equations, and ordinary differential equations.

Prerequisite: MAT 2420, 3120, and knowledge of a high-level language

Cross-listed with MAT 3140

Offered: as needed

CSC 3250 PROGRAMMING LANGUAGES (3)

Design and implementation of contemporary programming languages, language syntax and translation, data structures, sequence control, subprograms, storage management, and theoretical models.

Prerequisite: CSC 3100 and MAT 2500, or permission of instructor

Offered: as needed

CSC 3300 INTRODUCTION TO MOBILE APPLICATION DEVELOPMENT (3)

An introduction to programming mobile devices. Concepts of data input, output, data structures and algorithms used in mobile computing will be discussed. Students will learn how to design user interface, use different media and GPS technology in their mobile applications.

Prerequisite: CSC 3010 or permission of the instructor

Offered: as needed

CSC 3500 COMPUTER GRAPHICS (3)

This course provides a broad overview of the basic concepts of computer graphics. It introduces techniques for 2D and 3D computer graphics, including modeling and representation, illumination, and shading, rendering, texturing, and advanced software tools. The student will learn fundamental algorithms and techniques and gain the basic knowledge necessary to understand computer graphics. In addition, the general features of graphics hardware will be covered.

Prerequisites: CSC 3100 or permission of instructor

Offered: as needed

CSC 3601 INTRODUCTION TO CYBERSECURITY (3)

The course provides an overview of computer security topics, with a focus on understanding the most common cybersecurity threat types and implementing basic protection systems for devices, data, and network protection. introduces tools and tactics to manage cybersecurity risks, identify various types of common threats, evaluate the organization's security, collect and analyze cybersecurity intelligence, and handle incidents as they occur.

Prerequisite: CSC 3010 or permission of the instructor

Offered: as needed

CSC 3650 INFORMATION ASSURANCE AND NETWORK SECURITY (3)

This course provides a theoretical and practical introduction to Information Assurance and Network Security (IANS). Students learn the integral concepts of cyber threats, attacks, and defense. Topics include methods and practices for securing information and information systems; how vulnerabilities

arise; how to recognize evolving threats and mitigate them; concepts of risk analysis, information privacy, accountability, and policy.

Prerequisites: CSC 2010 or CSC 2020; CSC 3600; or permission of instructor

Offered: spring

CSC 3651 MALWARE ANALYSIS (3)

The course is an applied approach with hands-on labs throughout the book that challenge you to practice and synthesize your skills as you dissect actual malware samples, and pages of detailed dissections offer an over-the-shoulder look at how the pros do it. You will learn how to crack open malware to see how it works, determine what damage it has done, thoroughly clean your network, and ensure that the malware never comes back. Malware analysis is a cat-and-mouse game with constantly changing rules, so make sure you have the fundamentals.

Prerequisites: CSC 2010 or CSC 2020; CSC 3601; or permission of instructor

Offered: spring

CSC 3801 PENETRATION TESTING AND SYSTEM HARDENING (3)

The course will introduce the principles and techniques associated with the cybersecurity practice known as penetration testing or ethical hacking. The course covers planning, reconnaissance, scanning exploitation, post-exploitation, and result reporting. The student discovers how system vulnerabilities can be exploited and learn to avoid such problems.

Prerequisites: CSC 2010 or CSC 2020; CSC 3601; or permission of instructor

Offered: spring

CSC 3851 COMPUTER FORENSICS AND INCIDENT RESONSE (3)

This course presents an overview of the principles and practices of digital investigation. The objective of this class is to emphasize the fundamentals and importance of digital forensics. Students will learn different techniques and procedures that enable them to perform a digital investigation. This course focuses mainly on the analysis of physical storage media and volume analysis.

Prerequisites: CSC 2010 or CSC 2020; CSC 3601; or permission of instructor

Offered: spring

CSC 3901 CYBERSECURITY POLICY AND COMPLIANCE (3)

This course will focus on cybersecurity policy and compliance in the world of network systems and technology that encompass laws, ethics, privacy, and governance issues. Students will be exposed to policies in various areas of IT that are internationally recognized while understanding the importance of security policy as the beginning of any security program in organizations. The theory and principles behind the topics mentioned are explored in-depth where policy documents are critiqued, and compliance issues and frameworks are discussed. Students will analyze real-world cybersecurity policies and practice writing policies where compliance is required as standard industry procedure.

Prerequisites: CSC 2010 or CSC 2020; CSC 3601; or permission of instructor

Offered: spring

CSC 4100 OPERATING SYSTEMS (3)

Operating systems, including job-control languages, supervisor programs, libraries, monitor control systems, I/O device management, and buffering techniques.

Prerequisite: CSC 3100 or permission of instructor

Offered: as needed

CSC 4111 COMPUTER SECURITY AND NETWORK VIRTULIZATION (3)

A systematic study of the organization and management of a computer network system.

Prerequisite: permission of instructor

Offered: as needed

CSC 4120 THEORY OF COMPUTABILITY (3)

The concept of effective computability, Turing machines, primitive recursive functions, Godel numbering, universal Turing machines, and undecidable predicates.

Prerequisites: MAT 2510, CSC 3250, or permission of instructor

Cross-listed with MAT 4120

Offered: as needed

CSC 4130 WIRELESS AND MOBILE NETWORKS (3)

The rapid growth of mobile phone use, satellite services, and the Internet are generating tremendous changes in wireless networking systems. This course aims to introduce fundamental and comprehensive issues related to wireless and mobile telecommunication systems. It presents the wireless and mobile network architectures, technologies and protocols and explores different wireless network types, the latest wireless applications.

Prerequisite: CSC 4111 or permission of the instructor

Offered: as needed

CSC 4150 COMPUTER ARCHITECTURE (3)

Central processors, control unit and microprogramming, memory management, I/O and interrupts, combinational circuits, and error detection.

Prerequisites: CSC 2200

Offered: fall

CSC 4200 DATABASE MANAGEMENT (3)

Data models, normalization, query facilities, file organization, index organization, security, integrity, and reliability.

Prerequisites: CSC 3050, 3100, or permission of instructor

Offered: as needed

CSC 4400 HUMAN COMPUTER INTERFACE DESIGN AND DEVELOPMENT (3)

A survey of the issues, tools, and techniques involved in the design of a modern interactive multimedia computer application. Lecture will consist of selected topics from the field of Human-Computer Interaction (HCI) and applied application development. Typical application tools will be examined. An individual or group project will be part of the course grade.

Prerequisites: CSC 3100 or permission of instructor

Offered: as needed

CSC 4500 GAME PROGRAMMING (3)

This course covers the principles of designing and implementing computer games. Different aspects of computer game development such as user interfaces, artificial intelligence, multimedia components, networking, databases in games and game ethics are discussed.

Prerequisites: CSC 3500 or permission of instructor

Offered: as needed

CSC 4600 WINDOWS AND LINUX SECURITY (3)

During this course, students will be exposed to Windows and Linux Server technology. The Network server is the foundation platform for all services requested by computer users around the world. From Email servers to file servers, we all use a networked server to conduct business and communicate with our family and friends. This course will explain the secure nature of implementation and facilitation of a secure Windows and Linux Server network.

Prerequisites: CSC 3100 or permission of the instructor

Offered: as needed

CSC 4900 SENIOR PROJECT (3)

The senior project must be a significant body of works representative of the student's abilities and knowledge. Students are advised to choose a project in their junior year. Wide latitude is allowed in the project proposals; however, the student must receive written CSC faculty approval.

Offered: as needed

TEACHER EDUCATION (B.A., B.M., B.S.)

Mission

The Teacher Education programs prepare students to become dynamic, engaging teachers who have a commitment to teaching all children. The department is oriented towards reflective, student-driven practice; research that is authentic and reflects university and community needs; consistent improvement; and content mastery.

Values

The Teacher Education Department believes the primary purpose of teaching is to provide every child with the opportunity and instruction needed to maximize his or her talents, ability, and ethical potential.

Goals

- Graduates will demonstrate leadership in the classroom, school, and profession.
- Graduates will advocate for schools and students.
- Graduates will demonstrate high ethical standards.
- Graduates will establish a respectful environment for a diverse population of students.
- Graduates will know the content they teach.
- Graduates will facilitate learning for their students.
- Graduates will reflect on their practice.

Code of Ethics

The Education Department adheres to the Code of Ethics for Methodist University and the North Carolina State Board of Education. Teacher candidates must uphold professional conduct defined by North Carolina Professional Standards and Code of Ethics for North Carolina Educators. The Methodist University Teacher Education Program reserves the right to remove Teacher Candidates from the program who do not follow the state-required guidelines for professionalism.

Accreditation

The Methodist University Teacher Education Program (MUTEP) is accredited by the North Carolina Department of Public Instruction (NCDPI) to provide programs of study for the following teaching licenses:

- Elementary Education (K-6)
- Middle Grades Education (6-9)
 - English Language Arts (ELA)

- Mathematics
 - Science
 - Social Studies
- Secondary Education (9-12)
 - English
 - Mathematics
 - General Science
 - Social Studies
- Special Education: General Curriculum (K-12)
- Specialty Areas (K-12)
 - Art
 - Music (Vocal or Instrumental)
 - Health and Physical Education
- Add-on licenses (K-12)
 - Academically and Intellectually Gifted
 - Teaching English as a Second Language
- School Social Work

Additionally, the Methodist University Teacher Education Program offers a Bachelor of Science in Educational Studies in previous areas listed. Teacher candidates graduate with a bachelor's degree but without a teaching license. Upon graduation, teacher candidates need to re-enroll in a residency licensure program to earn licensure. In North Carolina, teacher candidates who earn a bachelor's degree from an accredited university with a GPA of 2.7+ may be offered employment to teach. However, to gain employment, the teacher candidate must enroll in a residency program. The Residency License is valid for one year with up to two annual renewals.

Admission to the Teacher Education Program

All teacher candidates pursuing licensure must complete the following requirements before applying for admission to the Teacher Education Program (TEP). Teacher candidates must be accepted to the Teacher Education Program at least one semester prior to student teaching.

1. Completion of a formal MU Teacher Education Program Application
2. Completion of all required EDU and SPE coursework with a grade of C or better
3. A minimum cumulative grade point average of 2.7
4. Passing score on ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores that meet the exemption score cutoff set by the state of North Carolina.
5. Three faculty recommendation letters, to include one from a faculty member in the student's content area, and one from a faculty member in the Education Department.
6. Complete Background Check
7. Teacher Education Program Interview

Students are encouraged to contact the Teacher Education Program for more comprehensive testing, course, and application information and deadlines.

Elementary Education (K-6 Licensure)

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

Elementary Education Course Requirements: 48 credit hours

EDU 2400 Introduction to Instructional Technology (2)	EDU 4020 Methods for Elementary Math (2)
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EDU 2460 Elementary Education (3)	EDU 4030 Methods for Elementary Social Studies (2)
EDU 2600 Writing Methods for Elementary Teachers (3)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 3100 Measurement, Assessment and Evaluation of Educational Growth (3)	HIS 3620 History of North Carolina (3)
EDU 3170 Methods for Elementary Science (2)	MAT 1060 Topics in Elementary Mathematics I (3)
EDU 3180 Methods for Instructional Technology (3)	MAT 2060 Topics in Elementary Mathematics II (3)
EDU 3410 STREAM for Educators (4)	KIN 3110 Physical Education and Health Education in Elementary School (3)
EDU 3560 Investigating Methods and Strategies in Teaching Reading (3)	SWK 3500 Human Diversity and Populations-at-Risk (3)
EDU 3570 Teaching Reading through Literature (3)	

Teacher Professional Licensure required course sequence: 30 credit hours

EDU 1420 Field Experience I (1)	EDU 3420 Field Experience III (1)
EDU 2000 Human Growth & Development (3)	EDU 4070 Professional Orientation (2)
EDU 2210 Introduction to Teaching in the Field (1)	*EDU 4210 Student Teaching (10)
EDU 2420 Field Experience II (1)	EDU 4500 Seminar in Education (2)
EDU 2510 Foundations of Education (3)	SPE 2550 Educating Diverse Populations (3)
EDU 3300 Educational Psychology (3)	

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test or requisite ACT/SAT score (test codes: 5713, 5723, 5733, or combined test code: 5752)	Pearson for NC Foundation of Reading (test code: 190)
ETS Praxis CKT Math Subtest (test code: 7813)	ETS Performance Assessment (PPAT)

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 78 credit hours

Middle Grades Education (6-9 Licensure)

English Language Arts (6-9)

ELA Content Course Requirements: 9 credit hours

Select three courses (9 credit hours) from the following list:

ENG 3020 Modernist Literature (3)	ENG 3730 Literature of Medieval England (3)
ENG 3530 The Literature of Slave Narratives (3)	ENG 3920 Victorian Literature: Social Justice & Industry in the 19 th Century (3)

ELA Advanced Writing courses: 6 credit hours

ENG 3210 Business Writing (3)	ENG 3220 Advanced Grammar (3)
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ELA Literature Requirement: 6 credit hours

Select two courses (6 credit hours) from the following list:

ENG 3020 Modernist Literature (3)	ENG 3710 Literature of Chaucer (3)
ENG 3420 Women's Literature (3)	ENG 3740 Literature of Shakespeare (3)

ENG 3500 African American Literature (3)	ENG 3920 Victorian Literature: Social Justice & Industry in the 19 th Century (3)
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Select one additional course from the list of Global Perspectives Electives: 3 credit hours

Teacher Professional Licensure required course sequence: 41 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 3620 Literature for Adolescents (3)
EDU 2000 Human Growth & Development (3)	EDU 4070 Professional Orientation (2)
EDU 2400 Instructional Technology (2)	EDU 4110 Methods for English (3) or EDU 4470 Middle Grade Methods (3)
EDU 2420 Field Experience II (1)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2510 Foundations of Education (3)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 3300 Educational Psychology (3)	*EDU 4210 Student Teaching (10)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Language Arts (test code: 5047)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 65 credit hours

Mathematics (6-9)

Mathematics Content Course Requirements: 24-25 credit hours

MAT 1125 Integrated Pre-Calculus I – Algebra (4) or MAT 1130 Pre-Calculus I – Algebra (3)	MAT 2320 Calculus II (3)
MAT 1140 Pre-Calculus II – Trigonometry (3)	MAT 2500 Discrete Mathematics I (3)
MAT 2200 Applied Statistics (3)	MAT 3150 Modern College Geometry (3)
MAT 2310 Calculus I (3)	MAT 3050 The History of Mathematics (3) or MAT 3090 Calculus III (3) or MAT 3120 Linear Algebra (3) or MAT 3200 Probability and Statistics (3)

Teacher Professional Licensure required course sequence: 40 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2000 Human Growth & Development (3)	EDU 4110 Methods for English (3) or EDU 4470 Middle Grade Methods (3)
EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2420 Field Experience II (1)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 2510 Foundations of Education (3)	*EDU 4210 Student Teaching (10)
EDU 3300 Educational Psychology (3)	EDU 4500 Seminar in Education (2)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Mathematics (test code: 5169)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 64-65 credit hours

Science (6-9)**Science Content Course Requirements: 28 credit hours**

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	GSC 2000 Physical Oceanography and Meteorology (4)
BIO 2430 Introductory Zoology or BIO 2440 Introduction to Botany (4)	GSC 2200 Planetary Geology and Astronomy (4)
CHE 1510/1511 General Chemistry I with Lab (4)	PHY 1510 General Physics I (4)
GSC 1600 Physical Geology (4)	

Teacher Professional Licensure required course sequence: 38 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2000 Human Growth & Development (3)	EDU 4120 Methods for Social Studies (3) or EDU 4470 Middle Grade Methods (3)
EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2420 Field Experience II (1)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 2510 Foundations of Education (3)	*EDU 4210 Student Teaching (10)
EDU 3300 Educational Psychology (3)	SPE 2550 Educating Diverse Populations (3)
EDU 3420 Field Experience III (1)	

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Science (test code: 5440)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 66 credit hours

Social Studies (6-9)**Social Studies Content Course Requirements: 24 credit hours**

HIS 1030 World History I (3)	HIS 3620 History of North Carolina (3)
HIS 1040 World History II (3)	HIS 3700 Contemporary World History (3)
HIS 2010 United States History I (3)	One additional course with an HIS prefix at the 3000/4000 level (3)
HIS 2020 United States History II (3)	ECO 1510 Principles of Macroeconomics (3) or ECO 1520 Principles of Microeconomics (3)

Teacher Professional Licensure required course sequence: 38 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2000 Human Growth & Development (3)	EDU 4120 Methods for Social Studies (3) or EDU 4470 Middle Grade Methods (3)
EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2420 Field Experience II (1)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 2510 Foundations of Education (3)	*EDU 4210 Student Teaching (10)
EDU 3300 Educational Psychology (3)	SPE 2550 Educating Diverse Populations (3)
EDU 3420 Field Experience III (1)	

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Social Studies (test code: 5089)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 62 credit hours

Secondary Education (9-12 Licensure)

English Education (9-12)

English Writing and Literature Content Course Requirements: 30 credit hours

ENG 3020 Modernist Literature (3)	ENG 3740 Literature of Shakespeare (3)
ENG 3201 Business Writing (3)	ENG 3920 Victorian Literature: Social Justice & Industry in the 19 th Century (3)
ENG 3220 Advanced Grammar (3)	ENG 4550 Senior Seminar in Literary Studies (3)
ENG 3530 The Literature of Slave Narratives (3)	LAN 3200 Introduction to Linguistics (3)
ENG 3730 Literature of Medieval England (3)	Select one additional course from the list of Global Perspectives Electives (3)

English Elective Requirement: 3 credit hours

Select one course from ENG 3420 or ENG 3500

ENG 3420 Women's Literature (3)	ENG 3500 African American Literature (3)
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Additional English Elective: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 3210 Technical Writing (3)	ENG 3030 Contemporary Literature (3)
ENG 3710 Literature of Chaucer (3)	

Foreign Language Requirement: 12-14 credit hours

Teacher Professional Licensure required course sequence: 37 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2000 Human Growth & Development (3)	EDU 4110 Methods for English (3) or EDU 4470 Middle Grade Methods (3)
EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)

EDU 2420 Field Experience II (1)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 2510 Foundations of Education (3)	*EDU 4210 Student Teaching (10)
EDU 3300 Educational Psychology (3)	EDU 4500 Seminar in Education (2)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Secondary Education English (test code: 5038)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 79-81 credit hours

Mathematics Education (9-12)

Mathematics Content Course Requirements: 36 credit hours

CSC 2010 Introduction to Computer Science (3) or CSC 2020 Introduction to Programming (3)	MAT 3050 The History of Mathematics (3)
MAT 2200 Applied Statistics (3)	MAT 3090 Calculus III (3)
MAT 2310 Calculus I (3)	MAT 3120 Linear Algebra (3)
MAT 2320 Calculus II (3)	MAT 3150 Modern College Geometry (3)
MAT 2500 Discrete Mathematics I (3)	MAT 3160 Abstract Algebra (3)
MAT 2600 Transition to Abstract Mathematics (3)	MAT 3200 Probability and Statistics (3)

Teacher Professional Licensure required course sequence: 35 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU/MAT 3845 Topics in Mathematics Education (3)
EDU 2400 Instructional Technology (2)	EDU 4070 Professional Orientation (2)
EDU 2420 Field Experience II (1)	EDU/MAT 4145 Methods of Teaching Mathematics in the Middle/Secondary School (3)
EDU 2510 Foundations of Education (3)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 3300 Educational Psychology (3)	*EDU 4210 Student Teaching (10)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Secondary Education Mathematics (test code: 5161)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 71 credit hours

General Science Education (9-12)

General Science Content Course Requirements: 38 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	GSC 1600 Physical Geology (4)
BIO 1560/1561 Fundamentals of Biology II with Lab (4)	GSC 2000 Physical Oceanography and Meteorology (4)
CHE 1510/1511 General Chemistry I with Lab (4)	MAT 2310 Calculus I (3) or higher
CHE 1520/1521 General Chemistry II with Lab (4)	PHY 1510 General Physics I (4)
ENM 1010 Environmental Science (3)	PHY 1520 General Physics II (4)

General Science Content Electives: 12 credit hours

Select 3 courses (12 credit hours) from the following list:

BIO 2430 Introductory Zoology (4)	GSC 2200 Planetary Geology AND Astronomy (4)
BIO 2440 Introduction to Botany (4)	GSC 3000 Advanced Geology (4)
CHE 2210/2211 Organic Chemistry I with Lab (4)	

Teacher Professional Licensure required course sequence: 40 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2000 Human Growth & Development (3)	EDU 4150 Methods for Secondary Science (3) or EDU 4470 Middle Grade Methods (3)
EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2420 Field Experience II (1)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 2510 Foundations of Education (3)	*EDU 4210 Student Teaching (10)
EDU 3300 Educational Psychology (3)	EDU 4500 Seminar in Education (2)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Secondary Education Science (test code: 5435)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 90 credit hours

Social Studies Education (9-12)

Social Studies Content and Interdisciplinary Requirements: 30 credit hours

HIS 0900 History Capstone (0)	ECO 1510 Principles of Macroeconomics (3) or ECO 1520 Principles of Microeconomics (3)
HIS 1030 World History I (3)	GEO 2520 Regional Geography (3)
HIS 1040 World History II (3)	MAT/SOC 2200 Applied Statistics (3)
HIS 2010 United States History I (3)	PSC 1510 American Government (3)
HIS 2020 United States History II (3)	SOC 1510 Principles of Sociology (3)
HIS 3000 History in Theory and Practice (3)	

Select three courses (9 credit hours) of HIS elective courses at the 2000 level or above: 9 credit hours

Teacher Professional Licensure required course sequence: 35 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2400 Instructional Technology (2)	EDU 4120 Methods for Social Studies (3)
EDU 2420 Field Experience II (1)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2510 Foundations of Education (3)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 3300 Educational Psychology (3)	*EDU 4210 Student Teaching (10)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Secondary Education Social Studies (test code: 5081)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 74 credit hours

Special Education (General Curriculum: K-12)**Special Education Content Course Requirements: 40 credit hours**

EDU 2600 Writing Methods for Elementary Teachers (3)	SPE 2600 Education of Exceptional Children & Youth (3)
EDU 3560 Investigating Methods and Strategies in Teaching Reading (3)	SPE 3350 Testing and Assessing Special Education Students (3)
EDU 3570 Teaching Reading through Literature (3)	SPE 3850 Collaboration with Parents and Educators (3)
KIN 3060 Adapted Physical Education (3)	SPE 4010 Scientifically Based Research Methods in Special Education (4)
MAT 1060 Topics in Elementary Mathematics I (3)	SPE 4190 Seminar in Positive Behavior Development (3)
MAT 2060 Topics in Elementary Mathematics II (3)	PSC 1510 American Government (3) or PSY 1010 Introduction to Psychology (3) or SOC 1510 Principles of Sociology (3)
SPE 2550 Educating Diverse Populations (3)	

Teacher Professional Licensure required course sequence: 39 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 3300 Educational Psychology (3)
EDU 2000 Human Growth & Development (3)	EDU 3410 STREAM for Educators (4)
EDU 2210 Introduction to Teaching in the Field (1)	EDU 3420 Field Experience III (1)
EDU 2400 Instructional Technology (2)	EDU 4070 Professional Orientation (2)
EDU 2420 Field Experience II (1)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 2510 Foundations of Education (3)	*EDU 4210 Student Teaching (10)

EDU 3180 Methods for Instructional Technology (3)	EDU 4500 Seminar in Education (2)
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Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	Pearson for NC Foundation of Reading (test code: 190)
ETS Praxis CKT Math Subtest (test code: 7813)	ETS Praxis Special Education (test code: 5543)

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Total credit hours: 79 credit hours

Art Education (Specialty Area: K-12)

Art Education Content Course Requirements: 12 credit hours

ART 1010 Foundations I Design (3)	ART 2030 Foundations IV Drawing I (3)
ART 1020 Foundations II Design (3)	ART 2050 Foundations I Painting (3)

Art History Course Requirement: 3 credit hours

Select one course (3 credit hours) from the following list:

ARH 3530 Renaissance and Baroque: Art History and Theory (3)	ART 3620 Theory and Practice in Art Education (3)
ARH 3540 Nineteenth and Twentieth Century: Art History and Theory	ART 4010 Business and Marketing in Art (2)
ARH 4850 Special Topics in Art History (3)	ART 4020 B.A. Senior Exhibit (1)

Art Elective Course Requirement: 3 credit hours

Select one course (3 credit hours) from the following list:

AGD 2030 Foundations III 3-D Design (3)	ART 3010 Photographic Media I (3)
ART 2070 Figurative Sculpture I (3)	ART 3090 Relief Printmaking (3) or ART 3100 Printmaking (Etching) (3)
ART 2150 Clay Sculpture (3)	ARH 2530 Survey of Art History (3)
ART 3000 Intermediate Drawing II (3)	

Studio Requirement: A minimum of 12 credit hours in one studio concentration

Foreign Language Requirement: 6-8 credit hours

Teacher Professional Licensure required course sequence: credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2000 Human Growth & Development (3)	EDU 4180 Teaching Methods in Secondary Music (2)
EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2420 Field Experience II (1)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 2510 Foundations of Education (3)	*EDU 4210 Student Teaching (10)
EDU 3300 Educational Psychology (3)	SPE 2550 Educating Diverse Populations (3)
EDU 3420 Field Experience III (1)	

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores	ETS Performance Assessment (PPAT)
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(test codes: 5713, 5723, 5733, or combined test code: 5752)	
Praxis II, Art (test code: 5135)	

*A final grade of B or better is required in this course to apply for a North Carolina Teacher License

Music Education (Specialty Area: K-12)

To be accepted as a candidate for a B.M. in Music Education, the student must audition successfully no later than the end of the fourth semester. Music Education majors must maintain a GPA of 2.7 or higher to be eligible for the music education program.

Voice (K-12)

Music Education Content Course Requirements: 28 credit hours

MUS 1070 Aural Skills I (1)	MUS 2600 Music and Culture (1)
MUS 1080 Aural Skills II (1)	MUS 2610 Music Theory III (3)
*MUS 1600 Music Fundamentals (3)	MUS 2620 Music Theory IV (3)
MUS 1610 Music Theory I (3)	MUS 3110 Music History: Ancient Through Baroque (3)
MUS 1620 Music Theory II (3)	MUS 3130 Music History: Classic Through Romantic (3)
MUS 2070 Aural Skills III (1)	MUS 4190 Music History: 20th–21st Century (2)
MUS 2080 Aural Skills IV (1)	

* MUS 1600 is required if a student does not pass the diagnostic exam.

Select one course (3 credit hours) from MUS 4640, MUS 4650, MUS 4660.

MUS 4640 Orchestration (3)	MUS 4660 Form and Analysis (3)
MUS 4650 Introduction to Composition and Arranging (3)	

Required Applied Courses: 12-16 credit hours

MUS 0710 Concert Attendance (0)	*MUS 1750-4750 Piano Proficiency (0-4)
MUS 0800 Half Recital (In Voice) (0)	**MUS 1310-4310 Applied Voice (2)

**MUS 0710 must be taken and passed for a total of 6 semesters.

**Applied lessons (MUS 1310-4310) must be taken and passed for 6 semesters: a total of 12 credit hours of Applied Voice. Therefore, continuous enrollment is required until a minimum of 12 continuous credit hours of applied lessons (C or better) is completed.

*** All music majors whose primary instrument is not piano are required to pass the piano proficiency exam to graduate. Students must enroll in the piano proficiency sequence (MUS 1750-4750) until the exam is successfully passed.

Required Ensemble Courses: 7 credit hours (select Noblemen or Grace Notes)

MUS 3280 (1)/MUS 3290 (1) Noblemen (required for all male voice students)	MUS 3860 (1)/MUS 3870 (1) Grace Notes (required for all female voice students)
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Required Methods Courses: 13 credit hours

MUS 1090 Prelude to Music Education (2)	MUS 2190 Secondary Music Methods (2)
MUS 1650 English/Italian Diction (2)	MUS 3400 Applications of Choral Literature (2)
MUS 2090 Elementary Music Methods (2)	MUS 3610 Conducting (3)

Required Tech Courses: 2 credit hours

Select two courses (2 credit hours) from the following list: **or**, if competent on an instrument, one tech course and one semester in concert band MUS 3480 (1)/MUS 3490 (1)

MUS 3010 String Techniques (1)	MUS 3040 Brass Techniques (1)
MUS 3030 Woodwind Techniques (1)	MUS 3070 Percussion Techniques (1)

Note: In addition to the program requirements above, it is recommended that Music Education majors also complete one semester of a foreign language (French, German, or Italian 1010-1020).

Teacher Professional Licensure required course sequence: 24 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 3300 Educational Psychology (3)	*EDU 4210 Student Teaching (10)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)
EDU 4070 Professional Orientation (2)	

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Music (test code: 5114)	

* During the student teaching semester, enrollment in applied music, MUS 0710, and an ensemble is not required. A final grade of B or better is required in Student Teaching to apply for a North Carolina Teacher License.

Total: 89 credit hours

Instrumental (K-12)

Music Education Content Course Requirements: 28 credit hours

MUS 1070 Aural Skills I (1)	MUS 2600 Music and Culture (1)
MUS 1080 Aural Skills II (1)	MUS 2610 Music Theory III (3)
*MUS 1600 Music Fundamentals (3)	MUS 2620 Music Theory IV (3)
MUS 1610 Music Theory I (3)	MUS 3110 Music History: Ancient Through Baroque (3)
MUS 1620 Music Theory II (3)	MUS 3130 Music History: Classic Through Romantic (3)
MUS 2070 Aural Skills III (1)	MUS 4190 Music History: 20th–21st Century (2)
MUS 2080 Aural Skills IV (1)	

* MUS 1600 is required if a student does not pass the diagnostic exam.

Select one course (3 credit hours) from MUS 4640, MUS 4650, MUS 4660.

MUS 4640 Orchestration (3)	MUS 4660 Form and Analysis (3)
MUS 4650 Introduction to Composition and Arranging (3)	

Required Applied Courses: 12-16 credit hours

MUS 0710 Concert Attendance (0)	*MUS 1750-4750 Piano Proficiency (0-4)
MUS 0800 Half Recital (In major instrument) (0)	MUS 3370 Applications of Piano Literature (Piano Majors ONLY) (2)
**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)	

**MUS 0710 must be taken and passed for a total of 6 semesters.

****Applied lessons (MUS 1310-4310) must be taken and passed for 6 semesters: a total of 12 credit hours of Applied lessons. Therefore, continuous enrollment is required until a minimum of 12 continuous credit hours of applied lessons (C or better) is completed.**

***** All music majors whose primary instrument is not piano are required to pass the piano proficiency exam to graduate. Students must enroll in the piano proficiency sequence (MUS 1750-4750) until the exam is successfully passed.**

Required Ensemble Courses: a minimum of 7 credit hours

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	Athletic Band (2 years) for winds, brass, and percussion

Note: If **Guitar Ensemble** is not offered, students may take one of the other ensembles for equal credits. Piano majors may accompany a choral ensemble for equal credits, if qualified to do so, or play in one of the other ensembles.

Required Tech Courses: 3 credit hours

Select three courses (3 credit hours) outside of chosen applied area from the following list:

MUS 3010 String Techniques (1)	MUS 3040 Brass Techniques (1)
MUS 3030 Woodwind Techniques (1)	MUS 3070 Percussion Techniques (1)

Students must take at least **1 credit hour** of voice (voice lessons (MUS 1170, 1180), voice class (MUS 1110, 1120), or choral ensemble (MUS3280, 3290, 3860, 3870) **1 credit hour**

Note: In addition to the program requirements above, it is recommended that Music Education majors also complete one semester of a foreign language (French, German, or Italian 1010-1020).

Required Methods Courses: 9-11 credit hours

MUS 1090 Prelude to Music Education (2)	MUS 3120 Applications of Band Literature (2) <i>Brass, Percussion, and Winds only</i>
MUS 2090 Elementary Music Methods (2)	MUS 3370 Applications of Piano Literature (2) <i>Piano majors only</i>
MUS 2190 Secondary Music Methods (2)	MUS 3610 Conducting (3)

Teacher Professional Licensure required course sequence: 24 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 3300 Educational Psychology (3)	*EDU 4210 Student Teaching (10)
EDU 3420 Field Experience III (1)	SPE 2550 Educating Diverse Populations (3)
EDU 4070 Professional Orientation (2)	

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Music (test code: 5114)	

* During the student teaching semester, enrollment in applied music, MUS 0710, and an ensemble is not required. A final grade of B or better is required in Student Teaching to apply for a North Carolina Teacher License.

Total: 88-94 credit hours

Physical Education & Health Education (Specialty Area: K-12)

PEHE Content Course Requirements: 45 credit hours

KIN 2050 Introduction to Physical Education and Health Education (4)	KIN 3050 Measurement and Evaluation (3)
KIN 2090 Sport Pedagogy I (3)	KIN 3060 Adapted Physical Education (3)
KIN 2150 Research Seminar (2)	KIN 3100 Health Related Physical Assessment (3)
KIN 2200 Computer Applications in Physical Education and Health Education (3)	KIN 3200 Motor Development (3)
KIN 2400 Human Nutrition (3)	KIN 3300 Behavior Management in Physical Education and Health Education (3)
KIN 2860 Foundations of Physiology (3)	KIN 3400 Sport Pedagogy II (3)
KIN 2900 Structural Kinesiology (3)	KIN 4060 Adapted Physical Education Practicum (3)
KIN 3040 Physiology of Exercise (3)	

Teacher Professional Licensure required course sequence: 23 credit hours

Students must earn a final grade of C or better in all courses with an EDU or SPE prefix.

EDU 2420 Field Experience II (1)	EDU 4130 Methods for Physical & Health Education (3)
EDU 3300 Educational Psychology (3)	EDU 4200 Reading & Writing in the Content Areas (6-8, 9-12) (3)
EDU 3420 Field Experience III (1)	*EDU 4210 Student Teaching (10)
EDU 4070 Professional Orientation (2)	

Licensure Testing Requirements: zero credit hours

ETS Praxis I Core Academic Skills Test for Educators or requisite ACT/SAT passing scores (test codes: 5713, 5723, 5733, or combined test code: 5752)	ETS Performance Assessment (PPAT)
Praxis II, Physical Education and Health Education (test code: 5857)	

A final grade of B or better is required in Student Teaching to apply for a North Carolina Teacher License.

Total: 68 credit hours

Add-On Licenses

With careful planning and additional courses, a Teacher Education Candidate admitted to the Teacher Education Program can also earn a second license. Add-on licenses offered at Methodist University are Academically and Intellectually Gifted (K-12) and Teaching English as a Second Language (K-12). There are four additional courses for the Teacher Candidate to take during the program. At the end of the program, the Teacher Candidate takes the specialized Praxis II exam prior to submitting to NCDPI for the certificate. Teachers holding a current North Carolina Continuing License or Initial License who are in active employment may enroll in the program. To do so, they must discuss their program requirements with the advisor who will then complete a personal course of study. If approved, the Teacher Candidate must submit a copy of their current teaching license, official transcript, and take all required coursework at Methodist University.

Academically and Intellectually Gifted (K-12)

Required Course Sequence: 12 credit hours

EDU 4480 Curriculum Development for Gifted (3)	EDU 4550 Nature and Nurture of Gifted and Talented (3)
EDU 4510 Methods of Teaching Gifted and Talented (3)	EDU 4650 Issues and Trends in Gifted Education (3)

Additional Licensure Testing Requirements: Praxis II, Academically/Intellectually Gifted (K-12)
(test code: 5358)

Teaching English as a Second Language (K-12)

Required Course Sequence: 12 credit hours

CME 3600 Exploring Cross Cultural Communication (3)	LAN 3200 Introduction to Linguistics (3)
EDU 4160 Teaching Methods for Foreign Language/ESL (3)	LAN 3300 Second Language Acquisition (3)

Additional Licensure Testing Requirements: Praxis II, English as a Second Language (K-12)
(test code: 5362)

Licensure in School Social Work

Required Core Course: 9 credit hours

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2510 Foundations of Education (3)	SWK 3400 School Social Work (3)

Licensure in School Social Work Requirements: All other requirements for the Social Work major, admission to the Social Work Program and admission to Teacher Education. Admission to Teacher Education must be completed prior to add/drop of the semester prior to the field placement. The Field Placement must be in a school setting. Students must have a cumulative grade point average of at least 2.75 and a grade of C or better in all social work courses and the student's minor professional sequence.

Bachelor of Science in Educational Studies

Candidates graduate with a bachelor's degree but without a teaching license. Upon graduation, candidates are encouraged to re-enroll in a residency licensure program to earn a teaching license.

Educational Studies: Elementary, Middle Grades, Secondary, Special Education, and Art

Required Course Sequence: 21-23 credit hours

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2400 Instructional Technology (2)	EDU 4190 Seminar in Positive Behavior Development (3)
EDU 2420 Field Experience II (1)	EDU Elective from chosen licensure content area (3-4)
EDU 2510 Foundations of Education (3)	EDU Elective from chosen licensure content area (3-4)
EDU 3300 Educational Psychology (3)	

Educational Studies: Physical Education & Health Education

Required Course Sequence: 25-27 credit hours

EDU 2420 Field Experience II (1)	KIN 2200 Computer Applications in Physical Education and Health Education (3)
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EDU 3300 Educational Psychology (3)	KIN 3060 Adapted Physical Education (3)
EDU 4070 Professional Orientation (2)	EDU Elective from chosen licensure content area (3-4)
EDU 4190 Seminar in Positive Behavior Development (3) or KIN 3300 Behavior Management in PE and Health Education (3)	EDU Elective from chosen licensure content area (3-4)
KIN 2050 Introduction to Physical Education and Health Education (4)	

Educational Studies: Music Education

Required Course Sequence: 26-29 credit hours

EDU 2400 Instructional Technology (2)	EDU Elective from chosen licensure content area (3-4)
EDU 3300 Educational Psychology (3)	EDU Elective from chosen licensure content area (3-4)
EDU 4070 Professional Orientation (2)	MUS 2090 Elementary Music Methods (2)
EDU 4190 Seminar in Positive Behavior Development (3)	MUS 2190 Secondary Music Methods (2)
EDU Elective from chosen licensure content area (3-4)	SPE 2550 Educating Diverse Populations (3)

Required Area Content Courses: minimum of 24 credit hours

This course work will be identified based on the program (degree of study) from which the student is transferring. Courses will be selected from the original degree of study to align with the candidate's desired teacher licensure area as defined by the NC Residency Licensure requirements. Relevant coursework will be selected in the content area in which a student will seek licensure through an alternative licensure program upon graduation. All area content courses are selected and approved for each student by the department chairperson and teacher education committee content area representative.

Required Elective Courses: minimum of 24 credit hours

All elective courses are selected and approved for each student by the department chairperson and teacher education committee content area representative. Selected courses will best prepare students for continued studies in the field of education through an alternative licensure program.

Total: 69-77 credit hours

Minor in Education

Required Course Sequence: 19 credit hours

EDU 1420 Field Experience I (1)	EDU 3570 Teaching Reading through Literature (3)
EDU 2000 Human Growth & Development (3)	KIN 3110 Physical Education and Health Education in Elementary School (3)
EDU 2510 Foundations of Education (3)	SPE 2550 Educating Diverse Populations (3)
EDU 2600 Writing Methods for Elementary Teachers (3)	

Minor in Physical Education and Health Education

Required Course Sequence: 22 credit hours

KIN 2050 Introduction to Physical Education and Health Education (4)	KIN 3200 Motor Development (3)
KIN 2200 Computer Applications in Physical Education and Health Education (3)	KIN 3300 Behavior Management in Physical Education and Health Education (3)
KIN 3060 Adapted Physical Education (3)	KIN 4060 Adapted Physical Education Practicum (3)
KIN 3100 Health Related Physical Assessment (3)	

Teacher Education and Special Education Course Descriptions – EDU, SPE

EDU 1420 FIELD EXPERIENCE I (1)

This course offers the Teacher Candidate an opportunity to discover information about the school system. Ten hours in an accredited public school with emphasis on directed observation is required. Students will be supervised by a clinical educator as well as a faculty member from the Education Department. Formal application for Field Experience Placement is required at the time of pre-registration. Courses taken at other institutions will not be accepted in lieu of this course.

Offered: fall and spring

EDU 2000 HUMAN GROWTH AND DEVELOPMENT (3)

This course covers the cognitive, physical, social-emotional, and moral development of children from birth to adolescence. Emphasis will be placed on the implications and applications for effective teaching. Prerequisite: none

EDU 2210 INTRODUCTION TO TEACHING IN THE FIELD (1)

This course includes on-campus seminars and labs that require a minimum of fifteen hours in an accredited school. Students should expect to engage in non-instructional activities and limited instruction. Students will be supervised by a clinical educator as well as a faculty member from the Education Department. 341 Formal application for a Field Experience Placement is required at the time of pre-registration. Courses taken at other institutions will not be accepted in lieu of this course.

Offered: fall

EDU 2400 INSTRUCTIONAL TECHNOLOGY (2)

This course will provide Teacher Education candidates with theoretical and practical information regarding current instructional technology. As Teacher Candidates discover the uses of technology on the classroom, they will expand their understanding of how students learn through technology; investigate adaptive technology for students with special needs; study Web 2.0 apps (e.g., virtual reality field trips, basic robotic programming, and more); and discover how these applications can be used in the classroom. Courses taken at other institutions will not be accepted in lieu of this course, except on review and agreement by the course professor and Chair of the Education Department. This is a computer intensive course.

Prerequisites: CSC 1000 or permission of the instructor

EDU 2420 FIELD EXPERIENCE II (1)

This course includes on-campus seminars and labs that require a minimum of twenty hours in an accredited school. Students should expect to engage in non-instructional activities and limited instruction. Formal application for a Field Experience Placement is required at the time of pre-registration. Students enrolled in this course are expected to complete any test(s) required by the Teacher Education Program, the Department of Public Instruction, and state/ federal law prior to

admission into the Teacher Education Program. Courses taken at other institutions will not be accepted in lieu of this course.

Prerequisite: EDU 2510

Offered: fall and spring

EDU 2460 ELEMENTARY EDUCATION (K-6) (3)

This course covers curriculum development, instructional activities, classroom management, techniques for elementary education, and parent-school-community relationships. Courses taken at other institutions will not be accepted in lieu of this course, except on review and agreement by the course professor and Chair of the Education Department.

Prerequisite: none

EDU 2510 FOUNDATIONS OF EDUCATION (3)

This course offers the Teacher Candidate an opportunity to discover information about the organization, governance, and importance of the public education systems in America. The course will explore teaching as a profession in the 21st Century; professional ethics and goal setting; and the roles of the classroom teacher in the school and community.

Offered: fall and spring

EDU 2600 WRITING METHODS FOR ELEMENTARY TEACHERS (3)

Designed for Elementary Education and Special Education majors, EDU 2600 involves the review and application of Standard Written English. Specific attention will be paid to the holistic teaching of Standard Written English through literature. Current elementary-level language arts textbooks will be considered.

EDU 3100 MEASUREMENT, ASSESSMENT AND EVALUATION OF EDUCATIONAL GROWTH (3)

This course focuses on advanced principles of measurement of students' work product to include both formative and summative assessments as well as End of Grade (EOG) and End of Course (EOC) tests. Topics covered include needs analysis; instructional adaptations; and differences in learner cognitive abilities. Also, the social, linguistic, cultural, emotional, and academic needs of students in schools of the 21st Century will be examined.

Prerequisite: none

EDU 3170 METHODS FOR ELEMENTARY SCIENCE (2)

The course will develop teacher candidates' understanding of how to implement science lesson plans, strategies, and activities. An emphasis in the course will be placed on scientific inquiry, process skills, concepts, and applications relative to life, physical, and earth sciences. Elementary teacher candidates will learn more about how to foster a classroom environment to promote critical thinking skills that lead to the development of scientific literacy. The course prepares elementary teacher candidates to deliver science instruction based on methods, research, and best practices.

Prerequisite: Students need to be admitted to Teacher Education Program or receive permission from the instructor.

Offered: spring

EDU 3180 METHODS FOR INSTRUCTIONAL TECHNOLOGY (3)

The course will develop teacher candidates' understanding of how to leverage educational technology strategies and tools in meaningful ways across the various content areas to increase student learning. The course is based on the ISTE Standards for Students, North Carolina Digital Literacy Competencies, The Technological Pedagogical Content (TPACK) model, Technology Integration Matrix (TIM), and

Substitution, Augmentation, Modification, and Redefinition (SAMR) Model. The focus of the course is to prepare students to think critically and develop knowledge to help students succeed in a global digital world. The course prepares teacher candidates to understand how to use educational tools in their classroom to benefit students.

Prerequisites- Students need to complete EDU 2400 Introduction to Instructional Technology or receive permission from the instructor prior to enrolling in this course.

EDU 3300 EDUCATIONAL PSYCHOLOGY (3)

This course surveys foundational theory and research in educational psychology, with a focus on the cognitive, motivational, social-emotional, and ethical development of K-12 students. Students will be introduced to historical and contemporary approaches to psychological theory and research; learn how to apply theoretical knowledge to student learning and assessment; and determine whether a study design adheres to accepted ethical standards for human subjects' research.

Prerequisite: Acceptance to the Teacher Education Program or permission of instructor and Department Chair. With permission of the instructor, this course is open to additional categories of candidates.

Offered: fall and spring

EDU 3410 STREAM FOR EDUCATORS (4)

The course will develop teacher candidates' understanding of how to implement STREAM (Science, Technology, Reading, Engineering, Art, and Math) lesson plans, strategies, and challenges. An emphasis in the course will be placed on ITEEA's Standards, Engineering by Design Loop, and Grand Challenges for Engineering. Elementary teacher candidates will learn more about how to foster a classroom environment to promote the next generation of innovators and engineers. The course prepares elementary teacher candidates to deliver STREAM instruction based on methods, research, and best practices.

EDU 3420 FIELD EXPERIENCE III (1)

This course includes on-campus seminars and labs that require a minimum of thirty hours in an accredited school. Students should expect to engage in non-instructional activities and limited instruction. Formal application for a Field Experience Placement is required at the time of pre-registration. Students are recommended to take this course the semester before student teaching.

Prerequisite: Formal acceptance to the Teacher Education Program is required for admission. With permission of the instructor, this course is open to licensed teachers and lateral entry candidates

Offered: fall and spring

EDU 3450 TESTING AND DIAGNOSING READING DIFFICULTIES (2)

This course introduces the Teacher Candidates to professional terminology, the various facets of reading disabilities, and the history of reading theory. Content includes formative and summative assessment procedures used to pinpoint areas of weaknesses in reading. The course involves the Teacher Candidate with hands-on experiences with a student to informally assess and identify individual student weaknesses in reading that require remediation. Teacher Candidates develop an individualized remediation plan based on the test results for the assigned student. The course provides experience working cooperatively with an experienced classroom teacher and communicating with parents. The course requires a practicum in an accredited school.

Prerequisite: none

Cross-listed with SPE 3450

EDU 3560 INVESTIGATING METHODS AND STRATEGIES IN TEACHING READING (3)

This course focuses on an introduction to the essentials of phonics, phonological awareness, and phonemic awareness. It emphasizes the application of word identification, principles, and pedagogy related to the sound structure of oral and written language. In addition, the course will introduce assessments and research-based teaching strategies to support literacy pedagogy.

Prerequisite: none

Offered: fall

EDU 3570 TEACHING READING THROUGH LITERATURE (3)

This is an introductory course to the basics of reading instruction with an emphasis on fluency, vocabulary, and comprehension strategies. These skills are taught within the context of various genres of children's literature. This course requires a practicum of working one on one with a student implementing the strategies discussed in class.

Prerequisites: EDU 3560 or permission of the instructor

Offered: spring

EDU 3620 LITERATURE FOR ADOLESCENTS (3)

This course introduces students to appropriate middle grades and secondary school literature (grades 6-12), with an emphasis on integrating literature in the communication skills program. Students will learn strategies for promoting an appreciation of literature and ludic reading among middle and high school students. This course does not count toward either the major or minor in English.

Prerequisite: none

Offered: as needed

EDU 3845 TOPICS IN MATHEMATICS EDUCATION (3)

Facilitates students' understanding of how to promote mathematical literacy focusing on instructional strategies for promoting mathematics literacy with adaptations for diverse and exceptional learners. Topics include error analysis, pedagogy of text structures (e.g., proofs, logic tables, and matrices); teaching mathematical writing; statistical techniques for analyzing student learning; and survey of research in mathematics education. This course requires 5 hours working in a 6-12th grade mathematics classroom. If enrolled in 2510, 2420, 3420 no additional hours will be required. Students are required to earn a final grade of C or better.

Prerequisite: Formal acceptance to the Teacher Education Program is required for admission.

Cross-listed with MAT 3845

Offered: as needed

EDU 4020 METHODS FOR ELEMENTARY MATH (2)

The course will develop teacher candidates' understanding of how to implement math lesson plans, strategies, and activities. The course will develop teacher candidates' understanding of how to foster mathematical conventions and processes skills. The course prepares elementary teacher candidates to deliver math instruction based on methods, research, and best practices.

Prerequisite- Students need to be admitted to TEP or students need to receive permission from the instructor.

Offered: fall

EDU 4030 METHODS FOR ELEMENTARY SOCIAL STUDIES (2)

The course will develop teacher candidates' understanding of how to implement social studies lesson plans, strategies, and activities. The course will develop teacher candidates' understanding of how to foster the development of global citizens who are critical thinkers in a democratic society. The course

prepares elementary teacher candidates to deliver social studies instruction based on methods, research, and best practices.

Prerequisite: Students need to be admitted to TEP or receive permission from the instructor.

Offered: fall

EDU 4070 PROFESSIONAL ORIENTATION (ALL LICENSES) (2)

Professional Orientation addresses critical legislation and case law relating to education in North Carolina and the United States. This course is designed to provide preservice teachers with basic legal literacy, legal history, and legal research skills. EDU 4070 is a part of the Professional Studies Sequence for all Teacher Candidates. It is designed to work in conjunction with EDU 4210 (student teaching).

Prerequisite: Formal acceptance into student teaching for education majors

Offered: fall and spring

EDU 4100-4180 TEACHING METHODS FOR SECONDARY AND SPECIAL SUBJECT AREAS (9-12) (2-3)

These courses introduce preservice candidates to methods, materials, and evaluation procedures for teaching a given secondary or special subject. Courses taken at other institutions will not be accepted in lieu of these courses. Methods courses must be taken the semester prior to student teaching.

- EDU 4100: Elementary Music
- EDU 4110: Secondary English (9-12)
- EDU 4120: Secondary Social Studies (9-12)
- EDU 4130: Physical Education and Health Education
- EDU 4140: Mathematics (9-12)
- EDU 4150: Science (9-12)
- EDU 4160: Foreign Languages and ESL
- EDU 4170: Art (K-12)
- EDU 4180: Secondary Music

Prerequisite: Formal acceptance to the Teacher Education Program

Offered: as needed

EDU 4145 METHODS OF TEACHING MATHEMATICS IN THE MIDDLE/SECONDARY SCHOOL (3)

A combination of lecture and laboratory using materials and procedures appropriate for the teaching of middle/ secondary school mathematics. For teachers of secondary school mathematics. See EDU 4110-4190.

Prerequisite: MAT 1140

Cross-listed with MAT 4145

Offered: as needed

EDU 4190 SEMINAR IN POSITIVE BEHAVIOR DEVELOPMENT (3)

This course models strategies and techniques for building self-concept and managing behaviors that promote success in the learning environment. It focuses on inclusion classrooms and the social-emotional needs of individuals with and without disabilities. This course requires a practicum. Courses taken at other institutions will not be accepted in lieu of this course except upon review and agreement by the course professor and Chair of the Education Department. Prerequisite: Formal acceptance to the Teacher Education Program.

Prerequisite: Formal acceptance to the Teacher Education Program or permission of the instructor is required for admission.

Cross-listed with SPE 4190

Offered: fall and spring

EDU 4200 READING AND WRITING IN THE CONTENT AREAS (6-8, 9-12, K-12) (3)

This course focuses on implementing reading and writing as tools to facilitate students' learning of content area material. It covers various aspects of disciplinary literacy, content writing pedagogy, and writing across the curriculum (WAC).

Prerequisite: Formal acceptance to the Teacher Education Program or permission of the instructor

EDU 4210 STUDENT TEACHING (ALL LICENSES) (10)

An extended full-time experience in a classroom. The Student Teacher Candidate progresses gradually from observation to full teaching responsibility, supervised by the classroom teacher and University faculty. Formal application for a Student Teaching Placement is required at the time of pre-registration. No other courses except EDU 4070 may be taken during the student teaching semester. Courses taken at other institutions will not be accepted in lieu of this course.

Prerequisite: Formal acceptance to student teaching

Co-requisite: EDU 4070

Offered: fall and spring

EDU 4470 MIDDLE GRADES METHODS (6-9) (3)

This course teaches pre-service candidates instructional design, activities, and techniques for middle grades education. Formal acceptance to Teacher Education program is required. Courses taken at other institutions will not be accepted in lieu of this course, except on review and agreement by the course professor and Chair of the Education Department.

Prerequisite: Formal acceptance to the Teacher Education Program or permission of the instructor

EDU 4480 CURRICULUM DEVELOPMENT FOR GIFTED (3)

This course instructs candidates in the modification of basic curricular environments for the gifted and talented. Modifications of content, process, products, and learning are discussed, as are approaches outlined in the North Carolina Curriculum Framework for Gifted Education. Assignments emphasize interdisciplinary approaches and integrative methods for designing appropriate instruction for gifted learners. Courses taken at other institutions will not be accepted in lieu of this course except on review and agreement of the course professor and Chair of the Education Department.

Prerequisite: none

EDU 4500 SEMINAR IN EDUCATION (2)

EDU 4500 is an upper-level seminar course that focuses on relevant theory and disciplinary writing techniques. Students will design, write, and present a Capstone project on an approved topic. The projects must demonstrate the Teacher Candidate's depth of understanding and application of theoretical knowledge regarding teaching and learning.

Prerequisite: Formal acceptance to the Teacher Education Program or permission of the instructor

Offered: fall and spring

EDU 4510 METHODS OF TEACHING THE GIFTED AND TALENTED (3)

This course focuses on the design, development, and implementation of methods, materials, and teaching models relevant to the needs of the gifted and talented. This course is required for add-on AIG licensure. Courses taken at other institutions will not be accepted in lieu of this course except on review and agreement of the course professor and Chair of the Education Department.

Prerequisite: none

EDU 4550 NATURE AND NURTURE OF GIFTED AND TALENTED (3)

This course presents a historical overview of Gifted Education from state and national perspectives. Topics include the nature and identification of gifted students, as well as past and current educational practices impacting gifted students. Special emphasis is given to North Carolina Services of Gifted Students and the North Carolina Curriculum Framework. Courses taken at other institutions will not be accepted in lieu of this course except on review and agreement of the course professor and Chair of the Education Department.

Prerequisite: none

EDU 4650 ISSUES AND TRENDS IN GIFTED EDUCATION (3)

This course addresses current problems, issues, and trends in gifted education. Students will explore the unique social/ emotional needs of gifted learners; characteristics of underachieving gifted individuals; needs of twice-exceptional students (those who are simultaneously gifted and learning disabled); and educational program concerns. Courses taken at other institutions will not be accepted in lieu of this course except on review and agreement of the course professor and Chair of the Education Department.

Prerequisites: none

EDU 4990 INDEPENDENT STUDY IN EDUCATION (1-3)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Requires approval by the faculty advisor, the supervising professor, the Education Department Chair, and the college dean before approval by the Provost. Credits to be determined. Courses taken at other institutions will not be accepted in lieu of this course. Prerequisite: Acceptance to the Teacher Education program/consent of the instructor, Chair, Dean, and Provost Offered: as needed

SPE 2550 EDUCATING DIVERSE POPULATIONS (3)

A survey course introducing social, cultural, socioeconomic, emotional, and physical factors affecting diverse populations and their implications for education. Sophomore standing required.

SPE 2600 EDUCATION OF EXCEPTIONAL CHILDREN AND YOUTH (3)

The course addresses current issues and trends pertaining to exceptional children and youth. Appropriate educational approaches and the processes and procedures for providing special education services are emphasized.

Prerequisite: SPE 2550. With permission of the instructor this course is open to licensed teachers and lateral entry candidates

SPE 3350 TESTING AND ASSESSING SPECIAL EDUCATION STUDENTS (3)

This course is designed to study advanced principles of measurement of students' work product to include both formative and summative assessments, conducting of curriculum-based assessment procedures and the interpretation of test results used for diagnosing, planning instruction and monitoring of student progress.

SPE 3450 TESTING AND DIAGNOSING READING DIFFICULTIES (2)

This course content introduces the Teacher Candidates to professional terminology, the various facets of reading disabilities, and a history of reading theory. This course also covers formative and summative assessment procedures used to pinpoint areas of weaknesses in reading. The course involves the Teacher Candidate with hands on experiences with a student to informally assess and identify individual student weaknesses in reading that require remediation. Teacher Candidates develop an individualized remediation plan based on the test results for the assigned student. The course provides experience working cooperatively with an experienced classroom teacher and communicating with parents. The course requires a 10 –15 hour practicum in an accredited school

Prerequisite: none

Cross-listed with EDU 3450

Offered: fall

SPE 3850 COLLABORATION WITH PARENTS AND EDUCATORS (3)

The characteristics, roles, and skills of interpersonal relations with parents, general education and other professionals in the education of exceptional children.

Offered: fall as needed

SPE 4010 SCIENTIFICALLY BASED RESEARCH METHODS IN SPECIAL EDUCATION (4)

The course focuses on research-validated learning and behavior strategies, assessment, multi-sensory methods and curricula to facilitate learning across the curriculum. Designing and evaluating instructional plans, organizing effective student learning environments, and using technology throughout the curriculum are stressed. Courses taken at other institutions will not be accepted in lieu of this course. Requires a minimum of 10 hours in an accredited school.

SPE 4100 PRACTICUM IN THE CORRECTION OF READING DIFFICULTIES/DISORDER (3)

The course will focus on the implementation of the individualized reading plan developed in SPE 3450 Testing and Diagnosing Reading Difficulties. It will provide opportunities for Teacher Candidates to use the developed plan, to write reports and lesson plans according to the assessed needs and to tutor the students. It will also provide for re-assessing diagnosed areas of weakness after the remediation plan has been implemented. Requires a minimum of 10 hours in an accredited school.

Prerequisite: SPE 3450

Offered: spring

SPE 4190 SEMINAR IN POSITIVE BEHAVIOR DEVELOPMENT (3)

This course models strategies and techniques for building self-concept and managing behaviors that promote success in the learning environment; focuses on inclusion classrooms and social and emotional needs of individuals with disabilities. Requires a minimum of 10 observation hours in an accredited school. Courses taken at other institutions will not be accepted in lieu of this course except upon review and agreement by the course professor and Chair of the Education Department.

Prerequisite: Formal acceptance to Teacher Education Program is required or permission of instructor

Cross-listed with EDU 4190

Offered: fall and spring

SPE 4990 INDEPENDENT STUDY IN SPECIAL EDUCATION (1-3)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Formal acceptance to Teacher Education Program required for admission.

Prerequisite: approval by the faculty advisor, the supervising professor, the Education department Chair, and the college dean before approval by Provost. Credits to be determined. Courses taken at other institutions will not be accepted in lieu of this course except on review and agreement of the course professor.

ENGINEERING AND ENVIRONMENTAL STUDIES

ENGINEERING (B.S.)

Engineering is the application of science and mathematics to analyze, design, create, and/or improve upon structures, products, and systems to benefit society. Therefore, engineers are involved in a variety of industries, and have a direct impact on our lives every day. The engineering core provides fundamental engineering knowledge applicable in any engineering field, providing students a strong foundation for any career as well as graduate school in any engineering field. The Industrial and Systems Engineering concentration provides additional knowledge in productivity, efficiency, and safety as applied to various industry sectors, such as energy, entertainment, health care, military, retail, sport and recreation, and transportation. The Engineering Program is hands-on with a project-based learning environment that draws upon current events and trends in engineering. The nature of this learning echoes the motto of Methodist University: “Engage, Enrich, Empower.”

In addition to the Bachelor of Science in Engineering, the Department of Engineering, along with the Department of Mathematics, offers a double major in engineering and mathematics (Bachelor of Science in Engineering and Bachelor of Science in Mathematics).

Mission

The mission of the engineering program is to be a world-class engineering program that embraces diversity and prepares students to be well-rounded individuals who consider others in their designs as well as the impact their decisions have on society. Therefore, the program will:

- Provide a comprehensive curriculum that integrates engineering and liberal arts.
- Create hands-on experiences in and out of the classroom.
- Produce engineers who are ready to work on multi-disciplinary teams, communicate effectively with others, and solve complex engineering problems.

Following the University and program missions, the educational objectives of the Bachelor of Science degree in Engineering are that our graduates:

- Are highly effective communicators through written, oral, and visual formats, and can explain complex technical problems to stakeholders from diverse backgrounds, cultures, training, education, and interests.
- Cooperatively and effectively lead and work in cross-functional team environments comprised of members with varying organizational backgrounds, positions, and geographic locations to critically examine complex technical challenges as a whole and devise solutions that are flexible and scalable.
- Are effective lifelong learners that are adaptable to advances in methods and technology by independently researching new technologies and applying them in a broad range of industries.
- Learn and grow in the areas of leadership, mentorship, contribution to the engineering body of knowledge, and participation in professional societies.
- Conduct themselves professionally and ethically in all they do as well as have strong integrity and an uncompromising character that earns trust and respect.

The Engineering Program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

Bachelor of Science in Engineering
Concentration in Industrial and Systems Engineering

Required Engineering Courses: 27 credit hours

EGR 1100 Introduction to Engineering I (2)	EGR 3200 Electrical Engineering Principles (3)
EGR 1200 Introduction to Engineering II (3)	EGR 3310 Engineering Probability and Statistics I (3)
EGR 2100 Engineering Mechanics (3)	EGR 3320 Engineering Probability and Statistics II (3)
EGR 2300 Materials (3)	EGR 3920 Engineering Capstone I (2)
EGR 3100 Engineering Economy (3)	EGR 4920 Engineering Capstone II (2)

Required Science Courses: 12 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	PHY 2520 General Physics II-Calculus Based (4)
PHY 2510 General Physics I Calculus Based (4)	

Required Mathematics Courses: 15 credit hours

MAT 2410 Calculus I (4)	MAT 3040 Calculus III (4)
MAT 2420 Calculus II (4)	MAT 3120 Linear Algebra (3)

Required Economics Course: 3 credit hours

Select one course (3 credit hours) from the following list:

ECO 1510 Principles of Macroeconomics (3)	ECO 1520 Principles of Microeconomics (3)
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Required Concentration Courses: 15 credit hours

ISE 3200 Work Analysis and Design (3)	ISE 4310 Engineering Management (3)
ISE 3300 Operations Research I (3)	ISE 4320 Systems Engineering (3)
ISE 4200 Product Engineering (3)	

Required Concentration Elective Courses: 9 credit hours

Select a minimum of 9 credit hours from the following list:

EGR 4850 Engineering Special Topics (3)	ISE 4400 Design of Experiments (3)
EGR 4990 Independent Study in Engineering (1-4)	ISE 4410 Data Mining (3)
ISE 3310 Operations Research II (3)	ISE 4420 Data Analytics (3)
ISE 3500 Ergonomics and Safety (3)	ISE 4850 Industrial & Systems Engineering Special Topics (3)
ISE 4210 Lean in Production Systems (3)	ISE 4990 Independent Study in Industrial & Systems Engineering (1-4)

Required Concentration Mathematics/Science Elective Course: 3 credit hours

Select a minimum of 3 credit hours from the following list or a course approved by the department:

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	MAT 2500 Discrete Mathematics I (3)
BIO 1560/1561 Fundamentals of Biology II with Lab (4)	MAT 2510 Discrete Mathematics II (3)
BIO 3060 Human Anatomy and Physiology I (4)	MAT 3140 Numerical Analysis (3)
BIO 3080 Human Anatomy and Physiology II (4)	MAT 4110 Differential Equations (3)
CHE 1520/1521 General Chemistry II with Lab (4)	MAT 4140 Advanced Calculus I (3)
CHE 2210/2211 Organic Chemistry I with Lab (4)	MAT 4150 Advanced Calculus II (3)

CHE 2220/2221 Organic Chemistry II with Lab (4)	KIN 2850 Foundations of Human Anatomy (3)
ENM 2010 General Principles of Industrial Hygiene (3)	KIN 3120 Biomechanics (3)
ENM 3010 Pollution Science, Treatment and Sampling Techniques (3)	KIN 3040 Physiology of Exercise (3)

Other Required Course: 3 credit hours

ENG 3210 Technical Writing (3)

Total: 87 - 89 credit hours

Engineering Course Descriptions - EGR

EGR 1100 INTRODUCTION TO ENGINEERING I (2)

A glimpse into engineering and solving engineering problems. The student will learn fundamental tools including the engineering design process, measurements, and hand graphics. The student will also gain an understanding of what engineering is, curriculum requirements, potential careers, teamwork, and project management. The course will be hands-on and project-based requiring multiple small, applied assignments and a larger semester team project.

Prerequisite: None

Offered: fall

EGR 1200 INTRODUCTION TO ENGINEERING II (3)

A continuation of EGR 1100, the student will continue applying the engineering design process and creating hand graphics while learning more complex computer programming concepts and computer-aided software as well as vector analysis. The course will be hands-on and project-based requiring two semester team projects. Two hours of lecture and two-and-one-half hours of design laboratory each week.

Prerequisite: EGR 1100 or permission of instructor

Offered: spring

EGR 2100 ENGINEERING MECHANICS (3)

An introduction to statics and dynamics. Topics include static equilibrium of particles, rigid bodies, trusses, frames, and machines; moment of inertia; Newton's Laws of Motion; linear and angular momentum methods; work and energy methods; kinematics of particles and rigid bodies; applications of vector analysis; and structural analysis of beams. Three hours of lecture and one-and-one-half hours of design laboratory each week.

Prerequisite: EGR 1200 or permission of instructor

Corequisite: MAT 1140 or higher or permission of instructor

Offered: fall

EGR 2300 MATERIALS (3)

An introduction to the structures and properties of metals, ceramics, polymers, and composites. Students will gain a basic understanding of the processing and design limitations of these materials, as well as being introduced to new classes of materials being developed to meet the ever-expanding range of material requirements. Material use in product design and manufacturing is emphasized. Three hours of lecture each week.

Prerequisite: CHE 1510 and 1511 or permission of instructor

Offered: spring

EGR 3100 ENGINEERING ECONOMY (3)

Understanding principles of evaluating alternative engineering proposals through an economic analysis. The student will learn concepts and techniques of analysis in the value of products/services, projects, and systems in relation to their cost. Topics will include costs and cost estimates, basic comparative models, break even and replacement analysis, calculating economic equivalence, purchase versus lease decisions, and financial risk evaluation. Three hours of lecture each week.

Prerequisite: none

Corequisite: ECO 1510 or ECO 1520

Offered: spring

EGR 3140 NUMERICAL ANALYSIS (3)

Error analysis, interpolation, numerical differentiation and integration, solutions of linear and non-linear systems of equations, and ordinary differential equations.

Prerequisite: MAT 2420, MAT 3120, knowledge of a high-level language or permission of the instructor.

Cross-listed with MAT 3140 and CSC 3140

Offered: as needed

EGR 3200 ELECTRICAL ENGINEERING PRINCIPLES (3)

Broad overview of the basic electrical engineering concepts for non-electrical engineering students.

Students will be introduced to circuit analysis, transient and steady state behavior, resonant systems, system analysis, and power and energy concepts. Elementary differential equations will be introduced to solve basic transient problems. Three hours of lecture each week.

Prerequisite: PHY 2520 and MAT 2420 or higher or permission of instructor

Offered: fall

EGR 3310 ENGINEERING PROBABILITY AND STATISTICS I (3)

Study and application of probability theory in the solution of engineering problems. Students will gain an understanding of probability concepts applicable to solve engineering problems, including reliability issues. Topics will include basics, discrete and continuous probability distributions, random variables, data analysis, parameter estimation, statistical intervals, and statistical inferences. Three hours of lecture each week.

Prerequisite: none

Corequisite: MAT 2410 or higher

Offered: fall

EGR 3320 ENGINEERING PROBABILITY AND STATISTICS II (3)

Continuation of EGR 3310 and is the study and application of statistics in the solution of engineering problems. Students will be exposed to engineering applications of single-factor statistical analyses (e.g., confidence intervals and one-way ANOVA), multi-factor ANOVA, regression, experimental design and analysis, and other nonparametric methods. The theory and application of statistical quality control (statistical process control and statistical acceptance sampling) will also be discussed. Three hours of lecture each week.

Prerequisite: EGR 3310; or MAT 2410 and grade of C-or better in MAT 2200 with instructor permission

Offered: spring

EGR 3920 ENGINEERING CAPSTONE I (2)

The first course in the capstone experience that emphasizes research and theory. The student will begin to research a chosen topic related to their potential capstone project. Students will study different

strategies to solve various problems, explore engineering ideas with the instructor and present these ideas to the faculty and students. Initial research explorations will occur.

Prerequisite: junior standing or permission of instructor

Offered: spring

EGR 4850 ENGINEERING SPECIAL TOPICS (3)

Formal courses given infrequently to explore, in depth, a comparatively narrow subject that may be topical or of special interest. A semester project with a written report will be required. Three hours of lecture each week.

Prerequisite: Permission of the instructor

Offered: as needed

EGR 4900 ENGINEERING AND SOCIETY (3)

Broad overview of current topics that should be considered as a professional engineer. Students will gain an understanding of engineering professionalism including ethics, cultural considerations, environmental considerations, and use of social media. Students will be exposed to current engineering case studies and begin to plan their senior capstone design project. Written assignments will be required throughout the course as well as a final research paper (writing-enrichment course). Three hours of lecture each week.

Prerequisite: ISE 3200 or permission of instructor

Offered: fall

EGR 4910 SENIOR DESIGN (3)

Senior capstone design experience that emphasizes theory to practice. The student will work on a multidisciplinary (when possible) team to evaluate a real-world design problem for a client. The project will emphasize application of the engineering concepts from previous classes. A semester project with a written report will be required. One hour of lecture and five hours of design laboratory each week.

Prerequisite: EGR 4900 and a minimum of three 3000/4000-level engineering concentration courses or permission of instructor

Offered: spring

EGR 4920 ENGINEERING CAPSTONE II (2)

The second course in the capstone experience that emphasizes theory to practice. The student will work on a multidisciplinary (when possible) team to evaluate a real-world design problem for a client.

Emphasis will be placed on the application of engineering concepts from previous classes.

Prerequisite: EGR 3920 and minimum of two 3000/4000 concentration courses or permission of instructor

Offered: spring

EGR 4990 INDEPENDENT STUDY IN ENGINEERING (1-4)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisite: Approval by the faculty advisor, the supervising professor, the department chair, and the college dean before approval by the Provost. Credit hours to be determined.

Offered: as needed

Industrial and System Engineering Course Descriptions - ISE

ISE 3200 WORK ANALYSIS AND DESIGN (3)

Introductory Industrial Engineering course. The student will gain a basic understanding of methods improvement, work measurement, and work design and apply them to various industries to increase

productivity and improve worker health and safety. Written lab reports will be required throughout the course (writing-enrichment course). Three hours of lecture and one-and-one-half hours of design laboratory each week.

Prerequisite: Sophomore standing

Offered: fall

ISE 3300 OPERATIONS RESEARCH I (3)

This course provides a broad overview of deterministic and stochastic models in operations research. Topics discussed include different types of network models, review of probability theory, decision making under uncertainty, Markov chains, and queuing models (stochastic models). Some simulation will be included. This course familiarizes students with probabilistic models and methods in Operations Research and their applications. Upon completion of this course, students should understand how to model and analyze systems that show probabilistic behavior or evolve probabilistically over time.

Prerequisite: MAT 2410

Offered: fall

ISE 3310 OPERATIONS RESEARCH II (3)

This course will focus on the use of mathematical models to support sound decision-making. It provides students with sufficient understanding and ability to mathematical programming: theory and applications. Students will learn how to formulate and solve real-world decision problems that arise in manufacturing and service systems with linear programming theory and applications, simplex algorithm, big M method, duality and sensitivity analysis. Also, students will learn how to model and solve transportation and assignment problems.

Prerequisite: ISE 3300 and MAT 3120

Offered: Spring (Fall as needed)

ISE 3500 ERGONOMICS AND SAFETY (3)

Study and application of ergonomic design principles in various workplace environments and product development. Emphasis will be on physiological and psychological fundamentals of safety evaluation and product development. The design of occupational safety systems and programs will also be discussed. A semester project with a written report will be required. Three hours of lecture each week.

Prerequisite: ISE 3200; instructor permission for non-ISE students

Offered: spring

ISE 4200 PRODUCT ENGINEERING (3)

Broad overview of the principles involved in product design and manufacturing with a detailed examination of the engineering design process. The student will gain an understanding of product engineering from conception to market including customer specifications, systematically evaluating alternatives (e.g., TRIZ, optimization techniques), manufacturing considerations (e.g., material selection, production requirements), and appropriate pre- market testing. Three hours of lecture each week.

Prerequisite: EGR 2300 and ISE 3200

Offered: spring

ISE 4210 LEAN PRODUCTION SYSTEMS (3)

This course will introduce a framework to implement improvements within an enterprise. Lean manufacturing/service focuses on improving the speed of a process and the elimination of waste, primarily by eliminating non-value-added steps. Six Sigma deals with the effectiveness with which a process meets customer requirements. The students will apply the concepts of facilities design through integrating the 358 concepts, terminology, and tools of Lean enterprise and Six Sigma. This course

addresses some of the important issues involved with the planning, development, and implementation of Lean principles and their application primarily to health care.

Prerequisite: ISE 4200

Offered: Fall (Spring as needed)

ISE 4310 ENGINEERING MANAGEMENT (3)

Broad overview of the principles related to project, technology, and facilities management. The student will study problems confronting the engineer manager including project monitoring, project control, time management, cost management, risk management, and facilities layout. How globalization and culture may alter engineering management decisions will also be discussed. The student will learn to use CPM, PERT, and GERT for planning, managing, and controlling projects. Three hours of lecture each week.

Prerequisite: ISE 3200

Offered: fall

ISE 4320 SYSTEMS ENGINEERING (3)

Analyzing, designing, and improving new and existing human-made systems from an engineering standpoint. Students will gain an understanding of how all parts of the system interact and examine points of potential failure. Macroergonomics (how personnel, technology, and environmental factors influence systems and organizations) will also be included. Three hours of lecture each week.

Prerequisite: ISE 4310

Offered: spring

ISE 4400 DESIGN OF EXPERIMENTS (3)

Exploration, in detail, of statistical design and analysis of experiments in engineering and science. The student will gain an understanding of developing experimental models and experimental designs using the analysis of variance. Students will learn how to plan, design, and conduct experiments efficiently and effectively. Computer software packages to implement the methods will be illustrated. A semester project with a written report will be required. Three hours of lecture each week.

Prerequisite: EGR 3320 or permission of instructor

Offered: as needed

ISE 4410 DATA MINING (3)

Data Mining is the process of finding meaningful new correlations, patterns, trends and rules by sifting through large amounts of data using pattern recognition, statistical, and mathematical techniques. Challenges include the interpretation of data and the knowledge of appropriate tools. This course presents topics in data analysis from an industrial engineering and production systems perspective. Manufacturing and service industries accumulate vast amounts of data in order to track inventory, quality problems and overall production. These data contain embedded information and system knowledge that can be extracted or mined. The course covers topics in time series analysis and some statistical techniques on forecasting.

Prerequisite: EGR 3320; or ECO 3160 and MAT 2410

Offered: fall

ISE 4420 DATA ANALYTICS (3)

The objective of this course is to learn and apply statistical methods for the analysis of data that have been observed over time. It provides students with sufficient understanding and ability to model, analyze and develop time-series analysis and forecasts for engineering and business decisions. Students will learn univariate time series data modeling with autoregressive and Moving Average models. It also

provides tools for model identification, model estimation, and assessment of the suitability of the model. Smoothing methods and trend/seasonal decomposition methods are also discussed in this course along with using a model for forecasting and determining prediction intervals for forecasts. The emphasis will be on quantitative methods. R software will be used in this course.

Prerequisite: ISE 4410

Offered: spring

ISE 4850 INDUSTRIAL & SYSTEMS ENGINEERING SPECIAL TOPICS (3)

Formal courses given infrequently to explore, in depth, a comparatively narrow subject that may be topical or of special interest. A semester project with a written report will be required. Three hours of lecture each week.

Prerequisite: Permission of the instructor

Offered: as needed

ISE 4990 INDEPENDENT STUDY IN INDUSTRIAL & SYSTEMS ENGINEERING (1-4)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major.

Prerequisite: Approval by the faculty advisor, the supervising professor, the department chair, and the college dean before approval by the Provost. Credit hours to be determined.

Offered: as needed

ENVIRONMENTAL AND OCCUPATIONAL MANAGEMENT (B.S.)

Students entering this field will learn environmental policymaking and enforcement procedures for government, business, and industry. Graduates will be able to carry out administrative functions involved in the interpretation and implementation of law, government regulations, public policy, worker safety, environmental protection, occupational health and safety, and regulatory compliance at the state, federal, and international levels.

Mission

To produce knowledgeable graduates capable of the interpretation and implementation of governmental policies, regulations, and laws covering worker safety and environmental protection; to ensure business and industry function in a manner both legal and profitable, while safeguarding their employees, the general public, and the environment.

Goals

- ENM majors will be prepared to enter either graduate school for advanced study or the workforce as compliance professionals.
- ENM majors will be able to assimilate scientific information and to demonstrate a thorough knowledge of it through case studies, research papers, and oral presentations.
- ENM majors will be capable of interpreting and implementing federal, state, and international policies, laws, and regulations governing safe, environmentally sound, and legal operations.

Bachelor of Science in Environmental and Occupational Management Concentration in Regulatory Compliance

ENM Required CORE Courses: 12 credit hours

ENM 1010 Environmental Science (3)	ENM 2500 Environmental Regulations I (3)
ENM 2010 General Principles of Industrial Hygiene (3)	ENM 3010 Pollution Science, Treatment and Sampling Techniques (3)

Required Regulatory Compliance Concentration Courses: 38 credit hours

ENM 1700 Industrial Processes and Operations (3)	CHE 1510/1511 General Chemistry I with Lab (4)
ENM 3510 Waste Operational Management (3)	CHE 1520/1521 General Chemistry II with Lab (4)
ENM 3710 Environmental Audits and Permits (3)	BUS 1510 Management and Organization (3)
ENM 4000 ENM Certificates (3)	JUS 4550 Terrorism and the Homeland Security Response (3)
ENM 4600 Environmental Assessment (3)	LAW 2000 Introduction to Law (3)
*ENM 4900 Internship (3)	LAW 3900 Administrative Law (3)

*Students are required to take ENM 4900 and may take up to 9 hours of internship credits by enrolling in ENM 4910, or ENM 4920, Internship. Under special circumstances, and with the permission of the program director, an appropriate 3000-4000 level course may replace ENM 4900.

Required Regulatory Compliance Elective Courses: 12-14 credit hours

Any ENM prefixed course may be taken for elective credits or substituted at the discretion of the department chair for courses listed.

Select one course (3-4 credit hours) from the following list:

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	SCI 1420 Biological Science (3)
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Select one course (3-4 credit hours) from the following list:

GSC 1600 Physical Geology (4)	SCI 1410 Earth Science (3)
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Select one course (3 credit hours) from the following list:

PSC 3330 Public Administration (3)	PSC 4200 Policy Analysis and Program Evaluation (3)
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Select one course (3 credit hours) from the following list:

CME 2000 Rhetorical Theory and Practice (3)	LSS 3000 Principles of Leadership (3)
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Total: 62 - 64 credit hours

Concentration in Regulatory Compliance and Management of Natural Resources**ENM Required CORE Courses: 12 credit hours**

ENM 1010 Environmental Science (3)	ENM 2500 Environmental Regulations I (3)
ENM 2010 General Principles of Industrial Hygiene (3)	ENM 3010 Pollution Science, Treatment and Sampling Techniques (3)

Required Regulatory Compliance and Management of Natural Resources**Concentration Courses: 47 credit hours**

ENM 2100 Introduction to Natural Resource Management (3)	CHE 1520/1521 General Chemistry II with Lab (4)
ENM 3510 Waste Operational Management (3)	BIO 1530/1531 Fundamentals of Biology I with Lab (4)
ENM 3710 Environmental Audits and Permits (3)	BIO 1560/1561 Fundamentals of Biology II with Lab (4)
ENM 4000 ENM Certificates (3)	BUS 1510 Management and Organization (3)
ENM 4600 Environmental Assessment (3)	GSC 1600 Physical Geology (4)
*ENM 4900 Internship (3)	LAW 2000 Introduction to Law (3)

CHE 1510/1511 General Chemistry I with Lab (4)	LAW 3900 Administrative Law (3)
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*Students are required to take ENM 4900 and may take up to 9 hours of internship credits by enrolling in ENM 4910, or ENM 4920, Internship. Under special circumstances, and with the permission of the program director, an appropriate 3000-4000 level course may replace ENM 4900.

Required Regulatory Compliance and Management of Natural Resources

Elective Courses: 9-11 credit hours

Any ENM prefixed course may be taken for elective credits or substituted at the discretion of the department chair for courses listed.

Select one course (3 credit hours) from the following list:

PSC 3330 Public Administration (3)	PSC 4200 Policy Analysis and Program Evaluation (3)
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Select one course (3-4 credit hours) from the following list:

ENM 1700 Industrial Processes & Operations (3)	Any other BIO, GSC, or CHE course (3-4)
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Select one course (3-4 credit hours) from the following list:

BIO 2430 Introductory Zoology (4)	Any other BIO course (3-4)
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Total: 68 - 70 credit hours

Minor in Environmental and Occupational Management

Required Core Course: 3 credit hours

ENM 1010 Environmental Science (3)

Required Elective Courses: 15 credit hours

Select five courses (15 credit hours) from the list below or any other course with an ENM prefix.

ENM 1700 Industrial Processes and Operations (3)	ENM 3010 Pollution Science, Treatment and Sampling Techniques (3)
ENM 2010 General Principles of Industrial Hygiene (3)	ENM 3510 Waste Operational Management (3)
ENM 2100 Introduction to Natural Resource Management (3)	ENM 3710 Environmental Audits and Permits (3)
ENM 2500 Environmental Regulations I (3)	ENM 4500 Advanced Clandestine Laboratories (3)
ENM 2600 Introduction to Clandestine Labs (3)	ENM 4600 Environmental Assessment (3)

Total: 18 credit hours

Minor in Environmental Sustainability

The minor in environmental sustainability provides students the opportunity to explore sustainable development, climate justice and global warming, business sustainability, environmental policy and law, community socio-ecological resilience, and related issues from a variety of academic fields. Resilience refers to the ability of societies and communities to effectively respond to short-term and long-term changes in the environment.

Required Courses: 16 credit hours

BIO 3310 Conservation Biology (3)	LAW 2500 Environmental Regulations I (3)
ENM 1010 Environmental Science (3)	SOC 2400 Environmental Justice (3)
GSC 1600 Physical Geology (4)	

Required Elective Course: 3-4 credit hours

Select one course (3-4 credit hours) from the following list:

BIO 3120 General Ecology (4)	GSC 2000 Physical Oceanography and Meteorology (4)
CHE 2300 Basic Environmental Chemistry (4)	GSC 2100 Introduction to Geographical Information System (3)
ENM 2100 Introduction to Natural Resource Management (3)	

Total: 19-20 credit hours

Environmental and Occupational Management Course Descriptions - ENM

ENM 1010 ENVIRONMENTAL SCIENCE (3)

Basic systems approach to define domestic and global environmental issues, US policy concerning occupational health, safety and environmental safeguarding, legal law and regulations, focus on worker protection and hazards, explain overlap of occupational health and environmental protection, types and causes of environmental degradation with environmental regulations, basic environmental control, and basics of natural resource conservancy. Along with career availability in industry, government, mining, agriculture, public health, educational and research organizations, explanation of occupational health, occupational safety and environmental protection as it relates to industry.

Prerequisite: none

Offered: as needed

ENM 1700 INDUSTRIAL PROCESSES AND OPERATIONS (3)

Primary function: Basic recognition of potential sources of occupational hazards (physical, chemical and blood- borne), exposure of employees and the general public, air and water and solid waste pollution. Secondary function: Methods of scientific evaluations of air and water and solid waste pollution, engineering controls and regulations. This course will explore sustainable business practices.

Prerequisite: none

Offered: as needed

ENM 2010 GENERAL PRINCIPLES OF INDUSTRIAL HYGIENE (3)

OSHA workplace standards, entry and action of chemical and physical hazards, air sampling and monitoring, scientific methods used for recognition and evaluation and control of occupational and environmental hazards that cause injury or disease, learn how to design and implement a site health and safety plan, learn how to design and implement a chemical hygiene plan (CHP), use of personal protective equipment.

Prerequisite: none

Offered: as needed

ENM 2100 INTRODUCTION TO NATURAL RESOURCE MANAGEMENT (3)

This course will expose students to natural resource management practices both in the United States and internationally. Topics covered include basic forestry practices, parks management, wildlife, management, and ecotourism. The course will also harmonize with other ENM courses, covering permitting, Best Management Practices, and safety standards.

Prerequisite: none

ENM 2500 ENVIRONMENTAL REGULATIONS I (3)

Use of Code of Federal Register (CFR), US environmental laws and regulations including: CERCLA: Comprehensive Environmental Response & Compensation Liability Act (Superfund) EPCRA (SARA Title III): Emergency Planning Community Right To Know Act. NEPA: National Environmental Policy Act OSHA: Occupational Safety and Health Administration: 29 CFR 1910 RCRA: Resource Conservation Recovery Act

(Cradle to Grave) SARA: Superfund Amendments and Reauthorization Act TSCA: Toxic Substances Control Act CWA: Clean Water Act SDWA: Safe Drinking Water Act CAA: Clean Air Act HWDA: Hazardous Waste Disposal Act Primary function: Development of practical approaches to meet compliance and liability requirements of applicable laws and regulations. Secondary functions: Sources and regulations of air and drinking water pollution, wastewater treatment and discharge, remediation programs, and reporting of release of pollutants into the environment.

Prerequisite: none

Cross-listed with LAW 2500

Offered: as needed

ENM 2510 CARIBBEAN NATURAL RESOURCES AND LAW (3) (GP)

This course will expose students to a different culture and language for one week. Site visits and lectures will focus on the host country. Emphasis will be given to speaking Spanish and understanding the role of Puerto Rico's unique and distinctive culture in the following areas: rain forests, coastal resources, eco-tourism, industry, management, and legal issues.

Prerequisite: none

Cross-listed with LAW 2510

Offered: as needed

ENM 2600 INTRODUCTION TO CLANDESTINE LABS (3)

This course offers an introduction to, and examination of illegal drug production laboratories.

Clandestine drug operations generate a wide variety of law enforcement, social, societal, socioeconomic, and environmental problems. This course is designed to examine these problems. The course is comprised of three modules: Module 1 covers law enforcement issues; Module 2 covers societal issues; and Module 3 covers environmental and economic issues.

Prerequisite: none

Cross-listed with SWK 2600 and JUS 2600

Offered: as needed

ENM 3010 POLLUTION SCIENCE, TREATMENT AND SAMPLING TECHNIQUES (3)

Application of principles of chemistry to examine and understand the fate of hazardous substances after release into the environment, cross-media transfer, sampling techniques, environmental assessment and environmental technologies available for clean-up and assessment. Includes three credit hours of lecture and one three-hour lab per week.

Prerequisite: none

Offered: as needed

ENM 3510 WASTE OPERATIONAL MANAGEMENT (3)

Examines management of hazardous and solid waste under regulations of RCRA (Resource Conservation Recovery Act), CERCLA (Comprehensive Environmental Response Compensation Liability Act, a.k.a. Superfund), TSCA (Toxic Substance Control Act), SWDA (Solid Waste Disposal Act) and Hazardous Materials Transportation Act. Includes studies of Cradle-to-Grave management, waste minimization, permits, land disposal restrictions, and waste stream audits, through case studies and research projects.

Prerequisite: none

Offered: as needed

ENM 3710 ENVIRONMENTAL AUDITS AND PERMITS (3)

An in-depth study of required periodic reporting (audits) to remain in compliance and to obtain and maintain permits under a variety of federal and state regulations including, but not restricted to, EPCRA

(Emergency Planning Community Right To Know Act, a.k.a. SARA Title III), NPDES (National Pollution Discharge Elimination System). Students will undergo a mock- up of a regulatory compliance inspection and consent agreement negotiations. This course is a continuation of ENM 2500.

Prerequisite: none

Offered: as needed

ENM 3750 HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (HAZWOPER) (3)

This course is an overview and introduction to toxicology, characterization and identification of hazardous waste, management of waste and how to respond to spills or accidental releases. It is required for people who work in the Environmental Health and Safety field. Students will become familiar with the relevant portions of 29 CFR, Parts 1910 and 1929. HAZWOPER certification is among the required certificates for the ENM major. Employers will look for it on a resume. The course must be taught by a qualified individual in order for students to gain the 8-, 24- or 40-hour certification.

Prerequisite: none

Offered: as needed

ENM 4000 ENM CERTIFICATES (3)

ALL ENM majors are required to complete five certificates from an appropriate federal, state, or international agency. If a student elects to complete a certificate program with a cost associated with completion of the program, the student will be responsible for the cost of the certificate program as individual certificate programs are not included in Methodist University tuition.

Prerequisite: none

Offered: as needed

ENM 4500 ADVANCED CLANDESTINE LABORATORIES (3)

This course is an in-depth study of clandestine labs, along with specific case studies of actual labs and their adverse effects. Students will learn and explore real world solutions to problems associated with labs. Students will be engaged in active advanced learning and research in their specific discipline (i.e. SWK majors will research an aspect of clandestine labs associated with SWK, other majors will have specific topics in their field of study). Students will be involved in actively identifying labs, by entering and interacting with virtual reality simulations of clandestine labs. This course is designed as a capstone course in the field of study. Prerequisite: none

Offered: as needed

ENM 4600 ENVIRONMENTAL ASSESSMENT (3)

Assessments of the impact of HAZMATs/pollutants on the environment in all media (air, land, water and life) through case studies. Students will assess the impact through a variety of methodologies including, but not limited to, Brownfield Assessment, land use planning for urban environments, NEPAEA (National Environmental Policy Act and Environmental Assessment) and EIS (Environmental Impact Statement), CERCLA (Comprehensive Environmental Response Compensation Liability Act) and natural resource land use planning. This course is designed as a capstone course and as such should be taken after all other ENM courses have been completed or with permission of the ENM director.

Offered: as needed

ENM 4850 SPECIAL TOPICS IN ENM (TBD)

For ENM majors wishing to do advanced work and for new offerings. Classroom work and individual laboratory and library investigation.

Prerequisite: Permission of the ENM director

Offered: as needed

ENM 4900, 4910, 4920 INTERNSHIP (3-9)

A practical application done in an industrial setting. Students may take more than one ENM 4900 series for credits, depending on the industries the student cycles through.

Prerequisites: Permission of the ENM director

Offered: as needed

CLANDESTINE LABORATORIES (A.S.)

Clandestine laboratories that produce illegal substances such as methamphetamines and crack cocaine are a major threat to community safety, public health, and the environment. Law enforcement professionals, emergency first responders, social workers, environmental specialists, educators, and other public officials urgently need training and education in this subject. This interdisciplinary program instructs students in the recognition and identification of clandestine labs, situation assessment, crime scene management, victim assessment and trauma management, hazardous material handling, and environmental remediation. This program offers an Associate of Science degree and an academic minor, which are valuable for students majoring in several fields such as Criminal Justice, Forensic Science, Environmental and Occupational Management, Social Work, and Political Science.

Mission

To protect community safety, public health, and the environment from the effects of clandestine labs through the education and training of competent entry-level professionals.

Goals

- To prepare students to enter the work force with the knowledge, skills, and abilities associated with the policies and procedures concerning clandestine labs.
- To prepare students for continuing education and further professional and personal development.

Associate of Science with a concentration in Clandestine Laboratories**Required Courses: 21 credit hours**

ENM 1010 Environmental Science (3)	ENM 4500 Advanced Clandestine Laboratories (3)
ENM/LAW 2500 Environmental Regulations I (3)	JUS 4550 Terrorism and the Homeland Security Response (3)
ENM/JUS/SWK 2600 Introduction to Clandestine Labs (3)	SWK 2310 Introduction to Social Work (3)
ENM 3010 Pollution Science, Treatment and Sampling Techniques (3)	

Electives: 6 credit hours

Select two courses (6 credit hours) from any course with an ENM, JUS, LAW, PSC, or SWK prefix.

Total: 27 credit hours**Minor in Clandestine Laboratories****Required Courses: 21 credit hours**

ENM 1010 Environmental Science (3)	ENM 4500 Advanced Clandestine Laboratories (3)
ENM/LAW 2500 Environmental Regulations I (3)	JUS 4550 Terrorism and the Homeland Security Response (3)
ENM/JUS/SWK 2600 Introduction to Clandestine Labs (3)	SWK 2310 Introduction to Social Work (3)

ENM 3010 Pollution Science, Treatment and Sampling Techniques (3)	
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Total: 21 credit hours

MATHEMATICS AND DATA SCIENCE

MATHEMATICS (A.S., B.S.)

Methodist University is an excellent choice for the study of mathematics. Mathematics is a major that challenges students not only to think in abstract terms, but to use mathematics in real-life applications. The faculty focuses on facilitating students' understanding of mathematical concepts. The object is to have students build on those concepts so they can use mathematics to solve problems in a variety of fields. Small classes enable the faculty to give personal attention to each student. Independent studies are available. Methodist offers the opportunity to earn a Bachelor of Science degree in Mathematics, a Mathematics minor, as well as an Associate of Science degree in Mathematics. In addition to the degrees listed above, the Department of Mathematics, along with the Department of Engineering, offers a double major in engineering and mathematics (Bachelor of Science in Engineering and Bachelor of Science in Mathematics). The Department of Mathematics, along with the Department of Education, offers a concentration in middle grade (6-9) mathematics. Please see the Department of Education for Middle Grades (6-9) Mathematics Concentration requirements. The Department of Mathematics, along with the Department of Education, offers a Bachelor of Arts degree in Mathematics Education Grades 9-12. Please see the Department of Education for the BA in Mathematics Education requirements.

Mission

The mission of the Department of Mathematics is to promote the field of Mathematics and to ensure that every Methodist University student acquires the necessary mathematical skills to succeed in his/her chosen career.

Goals

- Students who complete the General Education/Core courses in Mathematics will be adept in basic mathematical skills and reasoning.
- Students who graduate with a major in Mathematics or Mathematical Education will be prepared to pursue advanced degrees in graduate school or pursue careers in teaching, industries, or a related field.

Associate of Science with a concentration in Mathematics

Required Courses: 23 credit hours

MAT 2410 Calculus I (4)	SCI 1410 Earth Science (3)
MAT 2420 Calculus II (4)	SCI 1420 Biological Science (3)
MAT 2500 Discrete Mathematics I (3)	SCI 1430 Physical Science (3)
MAT 3120 Linear Algebra (3)	

Required Elective Courses: 9 credit hours

Select three course (9 credit hours) from the following list:

MAT 2200 Applied Statistics (3) or EGR 3310 Engineering Probability and Statistics I (3)	MAT 3200 Probability and Statistics (3)
MAT 2510 Discrete Mathematics II (3)	MAT 3300 Operations Research (3)
MAT 2600 Transition to Abstract Mathematics (3)	MAT 4110 Differential Equations (3)
MAT 3040 Calculus III (4)	MAT 4120 Theory of Computability (3)

MAT 3050 The History of Mathematics (3)	MAT 4140 Advanced Calculus I (3)
MAT 3140 Numerical Analysis (3)	MAT 4150 Advanced Calculus II (3)
MAT 3150 Modern College Geometry (3)	MAT 4850 Special Topics (3)
MAT 3160 Abstract Algebra (3)	MAT 4990 Independent Study in Mathematics (3)
EGR 3320 Engineering Probability and Statistics II (3)	

Total: 32 credit hours

Bachelor of Science in Mathematics

Required Mathematics Courses: 40 credit hours

MAT 2200 Applied Statistics (3) or EGR 3310 (3)	MAT 3120 Linear Algebra (3)
MAT 2410 Calculus I (4)	MAT 3160 Abstract Algebra (3)
MAT 2420 Calculus II (4)	MAT 3920 Seminar in Mathematics I (2)
MAT 2500 Discrete Mathematics I (3)	MAT 4110 Differential Equations (3)
MAT 2600 Transition to Abstract Mathematics (3)	MAT 4140 Advanced Calculus I (3)
MAT 3040 Calculus III (4)	MAT 4920 Seminar in Mathematics II (2)
MAT 3050 The History of Mathematics (3)	

Required Elective Courses: 6 credit hours

Select two course (6 credit hours) from the following list:

MAT 2510 Discrete Mathematics II (3)	MAT 4120 Theory of Computability (3)
MAT 3140 Numerical Analysis (3)	MAT 4150 Advanced Calculus II (3)
MAT 3150 Modern College Geometry (3)	MAT 4850 Special Topics (3)
MAT 3200 Probability and Statistics (3)	MAT 4990 Independent Study in Mathematics (3)
MAT 3300 Operations Research (3)	EGR 3320 Engineering Probability and Statistics II (3)

Required Computer Science Course: 3 credit hours

Select one course (3 credit hours) from CSC 2010 or CSC 2020

CSC 2010 Introduction to Computer Science (3)	CSC 2020 Introduction to Programming (3)
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Required Physics Courses: 8 credit hours

Select one course sequence (8 credit hours) from either PHY 1510 & 1520 or PHY 2510 & 2520

PHY 1510 General Physics I (4) AND PHY 1520 General Physics II (4)	PHY 2510 General Physics I - Calculus Based (4) AND PHY 2520 General Physics II – Calculus Based (4)
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Total: 57 credit hours

Minor in Mathematics

Required Courses: 18 credit hours

MAT 2410 Calculus I (4)	MAT 3120 Linear Algebra (3)
MAT 2420 Calculus II (4)	MAT Elective (MAT 2500 or higher, excluding MAT 3300, MAT 3845, and MAT 4145)
MAT 3040 Calculus III (4)	

Total: 18 credit hours

DATA SCIENCE (B.S.)

The Bachelor of Science in Data Science is an interdisciplinary program that equips students to combine programming skills, machine learning techniques, and knowledge of mathematics and statistics to extract and interpret meaningful data, and explore data-driven research, decision making, data visualization, and data manipulation. Students will be introduced to and will be able to apply theories, technologies, data-driven insights, and ethics encompassing the field of data science. Methodist offers the opportunity to earn a Bachelor of Science degree in Data Science and a Data Science minor.

Bachelor of Science in Data Science

Required Major Courses: 44 credit hours

MAT 2200 Applied Statistics (3) OR EGR 3310 Engineering Probability and Statistics I (3)	CSC 3010 Introduction to Object-Oriented Programming (3)
MAT 2410 Calculus I (4)	CSC 3100 Data Structures and Algorithms (3)
MAT 2420 Calculus II (4)	DSC 2100 Introduction to Data Science (3)
MAT 2500 Discrete Mathematics I (3)	DSC 3100 Data Visualization & Manipulation (3)
MAT 3120 Linear Algebra (3)	DSC 4500 Ethics in Mathematical and Data Sciences (3)
MAT 3200 Probability and Statistics (3)	EGR 3320 Engineering Probability and Statistics II (3)
CSC 2010 Introduction to Computer Science (3)	ISE 4410 Data Mining (3)

Required Elective Course: 3 credit hours

Select one course (3 credit hours) from the following list:

DSC 3500 Introduction to Machine Learning Models (3)	ISE 4420 Data Analytics (3)
CSC 4200 Database Management (3)	

Total: 47 credit hours

Minor in Data Science

Required Courses: 19 credit hours

CSC 2010 Introduction to Computer Science (3)	DSC 2100 Introduction to Data Science (3)
MAT 2200 Applied Statistics (3) OR EGR 3310 Engineering Probability and Statistics I (3)	DSC 3100 Data Visualization & Manipulation (3)
MAT 2410 Calculus I (4)	DSC 3500 Introduction to Machine Learning Models (3) or DSC 4500 Ethics in Mathematical and Data Sciences (3)

Total: 19 credit hours

Mathematics Course Descriptions – MAT

MAT 1005 INTERMEDIATE ALGEBRA (3)

Preparation for MAT 1015. Basic algebra concepts are discussed. The following topics are covered in this course: real numbers, algebraic expressions, linear equations, linear inequalities, graphing, linear functions, and applications.

Prerequisite: none

Offered: as needed

MAT 1015 INTERMEDIATE ALGEBRA (3)

Preparation for MAT 1050, MAT 1060, MAT 1100, and MAT 2060. Reviews main topics from high school coursework with a focus on functions and problem solving. Additional concepts include algebraic operations, factoring, linear equations, graphs, exponents, radicals, complex numbers, quadratic equations, radical equations, and applications.

Prerequisite: (1) MAT 1005 or (2) appropriate Math SAT/ACT score or (3) passing a placement test or (4) permission of the instructor.

Offered: fall and spring

MAT 1030 INTRODUCTION TO COLLEGE MATHEMATICS (3)

Preparation for MAT 1050 and MAT 1100. Basic algebra concepts are discussed. The following topics are covered in this course: Real numbers, exponents, factoring, linear equations, linear inequalities, rational expressions, radicals, and applications.

Prerequisite: none

Offered: as needed (MU Online Programs Only)

MAT 1050 COLLEGE ALGEBRA (3)

Linear and quadratic equations/inequalities, equations with radicals, equations/inequalities with absolute values, applications, functions, graphing, exponential and logarithmic functions, and systems of equations.

Prerequisite: (1) MAT 1015 or MAT 1030 or (2) appropriate Math SAT/ACT score or (3) passing a placement test or (4) permission of the instructor

Offered: fall and spring

MAT 1060 TOPICS IN ELEMENTARY MATHEMATICS I (3)

This course is designed to acquaint prospective PK-8, vocational, and special education teachers with the structure of the real numbers system and its subsystems, properties, operations, and algorithms. Topics include problem solving, logic, number theory, mathematical operations over natural, integer, and rational numbers, and algebraic expressions. Students are required to earn a final grade of C or better.

Prerequisite: (1) Appropriate SAT/ACT or placement score or (2) MAT 1015 or MAT 1030 with a grade of C or better.

This course is to be taken by Elementary Education and Special Education Majors and does not fulfill the general core requirement in Mathematics.

Offered: as needed in the spring semester

MAT 1100 FINITE MATHEMATICS (3)

Functions, lines, sets, systems of equations, inequalities, matrices, linear programming, logic, mathematics of finance, probability, and statistics. A graphing calculator is required.

Prerequisite: (1) MAT 1015 or MAT 1030 or (2) appropriate Math SAT/ACT score or (3) passing a placement test or (4) permission of the instructor.

Offered: fall and spring

MAT 1125 INTEGRATED PRECALCULUS I – ALGEBRA (4)

Review of basic concepts of algebra, linear equations in one variable, quadratics equations, rational equations, equations involving radicals, equations with rational exponents, equations in quadratic form, inequalities, equations, and inequalities involving absolute values, graphs and functions, polynomial and rational functions, exponential and logarithmic functions, and applications. Credit is not allowed for both MAT 1125 and MAT 1130.

Prerequisites: Students majoring in Chemistry, Computer Science, Computer Information Technology, Economics, Engineering, Kinesiology, Mathematics, and Mathematics Education with (1) three years of secondary school mathematics, including two years of algebra and units in geometry and trigonometry and an appropriate math SAT/ ACT score or (2) passing a placement test or (3) permission of the instructor.

Offered: fall and spring

MAT 1130 PRE-CALCULUS I – ALGEBRA (3)

Linear equations in one variable, quadratics equations, rational equations, equations involving radicals, equations with rational exponents, equations in quadratic form, inequalities, equations and inequalities involving absolute values, graphs and functions, polynomial and rational functions, exponential and logarithmic functions, and applications. Credit is not allowed for both MAT 1125 and MAT 1130.

Prerequisites: (1) three years of secondary school mathematics, including two years of algebra and units in geometry and trigonometry, and an appropriate math SAT/ACT score or (2) passing a placement test or (3) MAT 1050 or (4) permission of the instructor

Offered: fall and spring

MAT 1140 PRE-CALCULUS II – TRIGONOMETRY (3)

Trigonometric functions, identities, conditional equations, inverse relations, DeMoivre's theorem, polar coordinates, applications, and conic sections.

Prerequisite: (1) MAT 1125 or MAT 1130 or (2) passing a placement test or (3) permission of the instructor

Offered: fall and spring

MAT 2060 TOPICS IN ELEMENTARY MATHEMATICS II (3)

A course designed to introduce problem-solving skills and heuristic instruction to prospective PK-8, vocational, and special education teachers. Topics include probability, statistics, geometry, and measurement. Students are required to earn a final grade of C or better.

Prerequisite: (1) Appropriate SAT/ACT or placement score or (2) MAT 1015 or MAT 1030 with a grade of C or better

This course is to be taken by Elementary Education and Special Education Majors and does not fulfill the general core requirement in Mathematics.

Offered: as needed in the fall semester

MAT 2200 APPLIED STATISTICS (3)

Basic concepts of data collection, sampling, and experimental design. Descriptive analysis and graphical displays of data, probability concepts and expectations, normal and binomial distributions, sampling distributions and the Central Limit Theorem, confidence intervals and hypothesis testing, tests for means/proportions of two independent groups, one factor analysis of variance, and understanding relationships among variables: correlation and simple linear regression. Technology use is emphasized. A graphing calculator is required.

Prerequisite: (1) MAT 1050, MAT 1100, or higher or (2) permission of the instructor

Offered: fall and spring

MAT 2310 CALCULUS I (3)

Limits, derivatives, including sines and cosines, applications of the derivative, including maxima and minima, and curve sketching. Introduction to the Integral. Credit is not allowed for both MAT 2310 and MAT 2410.

Prerequisite: MAT 1140 or passing a placement test, or permission of the instructor

Offered: as needed

MAT 2320 CALCULUS II (3)

Applications of integration related to the area between two curves, volume, work, pressure, moments, centers of mass, arc length, and surfaces of revolution. Derivatives of logarithmic, exponential, and trigonometric functions; l'Hopital's Rule; improper integrals; techniques of integration. Credit is not allowed for both MAT 2320 and MAT 2420.

Prerequisite: MAT 2310 or permission of the instructor

Offered: as needed

MAT 2410 CALCULUS I (4)

Limits, derivatives, including sines and cosines, applications of the derivative, including maxima and minima, and curve sketching, definite integrals, fundamental theorem of calculus, and applications of integrals. Credit is not allowed for both MAT 2310 and MAT 2410.

Prerequisite: (1) MAT 1140 or (2) passing a placement test or (3) permission of the instructor

Offered: fall and spring

MAT 2420 CALCULUS II (4)

Techniques and applications of integration, elementary differential equations, sequences, series, power series, Taylor's Theorem, conic sections, and polar coordinates. Credit is not allowed for both MAT 2320 and MAT 2420.

Prerequisite: MAT 2410 or permission of the instructor

Offered: fall and spring

MAT 2500 DISCRETE MATHEMATICS I (3)

Logic, sets, functions, algorithms, integers, matrices, and mathematical reasoning-methods of proof.

Prerequisite: MAT 1125 or MAT 1130, or permission of the instructor

Offered: spring

MAT 2510 DISCRETE MATHEMATICS II (3)

Elementary and advanced counting techniques, relations, graphs and digraphs, trees, Boolean algebra, and machines.

Prerequisite: MAT 2500 or permission of the instructor

Offered: fall

MAT 2600 TRANSITION TO ABSTRACT MATHEMATICS (3)

Preparatory course for upper-level mathematics courses. Topics include logic and proofs, set theory, relations, functions, and cardinality.

Prerequisite: MAT 2500 or permission of the instructor

Offered: fall (even calendar years)

MAT 3040 CALCULUS III (4)

Vectors, vector algebra, and vector functions. Differentiation and Integration of functions of several variables, multiple integration, parameterization of curves and surfaces, Green's Theorem, Gauss' Theorem, Stokes' Theorem. Credit is not allowed for both MAT 3040 and MAT 3090.

Prerequisite: MAT 2420 or permission of the instructor

Offered: fall

MAT 3050 THE HISTORY OF MATHEMATICS (3)

Mathematical thought from ancient to modern times, major theorems of mathematics, problems of different periods, and the context in which mathematics developed.

Prerequisites: MAT 2420 and 2500, or permission of the instructor

Offered: spring (odd calendar years)

MAT 3090 CALCULUS III (3)

Infinite sequences and series, conic sections; and polar coordinates, vectors in the plane and in n-space.

Credit is not allowed for both MAT 3040 and MAT 3090.

Prerequisite: MAT 2320 or permission of the instructor

Offered: as needed

MAT 3100 CALCULUS IV (3)

Differentiation and Integration of functions of several variables, parameterization of curves and surfaces, Green's Theorem, Gauss' Theorem, Stokes' Theorem. Credit is not allowed for both MAT 3040 and MAT 3100.

Prerequisite: MAT 3090

Offered: as needed

MAT 3120 LINEAR ALGEBRA (3)

Linear equations, matrices, determinants, vector spaces, linear independence, linear transformations, similarity of matrices, and characteristics of a matrix.

Prerequisite: MAT 2410 or permission of the instructor

Offered: spring

MAT 3140 NUMERICAL ANALYSIS (3)

Error analysis, interpolation, numerical differentiation and integration, solutions of linear and non-linear systems of equations, and ordinary differential equations.

Prerequisite: MAT 2410, MAT 3120, knowledge of a high-level language or permission of the instructor.

Cross-listed with CSC 3140 and ISE 3140

Offered: as needed

MAT 3150 MODERN COLLEGE GEOMETRY (3)

Euclidean and non-Euclidean geometry. Useful to prospective secondary school mathematics teachers.

Prerequisites: MAT 2410 and 2500 or permission of the instructor

Offered: as needed

MAT 3160 ABSTRACT ALGEBRA (3)

Basic properties of groups, rings, and fields, including elements of set theory and polynomials.

Prerequisites: MAT 2420 and 2600 or permission of the instructor.

Offered: fall (odd calendar years)

MAT 3200 PROBABILITY AND STATISTICS (3)

Probability and statistics, including probability distributions, random variables, stochastic processes, estimation of parameters, hypothesis testing, and regression analysis.

Prerequisites: MAT 2200, 2410 and 2500 or permission of the instructor

Offered: as needed

MAT 3300 OPERATIONS RESEARCH (3)

This course provides a broad overview of deterministic and stochastic models in operations research. Topics discussed include different types of network models, review of probability theory, decision making under uncertainty, Markov chains, and queuing models (stochastic models). Some simulation will be included. This course familiarizes students with probabilistic models and methods in Operations Research and their applications. Upon completion of this course, students should understand how to model and analyze systems that show probabilistic behavior or evolve probabilistically over time.

Prerequisite: MAT 2410 or permission of instructor

Cross-listed with ISE 3300

Offered: fall

MAT 3845 TOPICS IN MATHEMATICS EDUCATION (3)

Facilitates students' understanding of how to promote mathematical literacy focusing on instructional strategies for promoting mathematics literacy with adaptations for diverse and exceptional learners. Topics include error analysis, pedagogy of text structures (e.g., proofs, logic tables, and matrices); teaching mathematical writing; statistical techniques for analyzing student learning; and survey of research in mathematics education. This course requires 5 hours working in 6-12th grade mathematics classroom. If enrolled in 2510, 2420, 3420 no additional hours will be required. Students are required to earn a final grade of C or better.

Prerequisite: Formal acceptance to the Teacher Education Program is required for admission.

Cross-listed with EDU 3845

Offered: as needed

MAT 3920 SEMINAR IN MATHEMATICS I (2)

This is the first course in a two-course capstone sequence on problem-solving and communicating in mathematics. Students will study different strategies to solve various problems, explore mathematical ideas 377 with the instructor and present these ideas to the faculty and students. Initial research explorations will occur.

Prerequisites: MAT 3040 or permission of the instructor

Corequisite: MAT 3120

Offered: as needed

MAT 4110 DIFFERENTIAL EQUATIONS (3)

Ordinary differential equations of the first and second order with applications in geometry and physics.

Prerequisite: MAT 2420 or permission of the instructor

Offered: spring

MAT 4120 THEORY OF COMPUTABILITY (3)

The concept of effective computability, Turing machines, primitive recursive functions, Godel numbering, universal Turing machines, and undecidable predicates.

Prerequisites: MAT 2510 and CSC 3250

Cross-listed with CSC 4120

Offered: as needed

MAT 4140 ADVANCED CALCULUS I (3)

Sets, functions, real numbers, limits, continuity, differentiation, integration, and sequences of functions.

Prerequisite: MAT 3040 and MAT 3160 or permission of the instructor

Offered: spring (even calendar years)

MAT 4145 METHODS OF TEACHING MATHEMATICS IN THE MIDDLE/SECONDARY SCHOOL (3)

A combination of lecture and laboratory using materials and procedures appropriate for the teaching of middle/ secondary school mathematics. For teachers of secondary school mathematics. See EDU 4110-4190. Students are required to earn a final grade of C or better.

Prerequisite: MAT 1140 or permission of the instructor

Cross-listed with EDU 4145

Offered: as needed

MAT 4150 ADVANCED CALCULUS II (3)

Fourier series; vector functions and their derivatives; line and surface integrals; multivariable calculus; implicit function theorem, and the theories of Gauss, Stokes, and Green.

Prerequisite: MAT 4140

Offered: as needed

MAT 4800 SEMINAR IN MATHEMATICS (3)

This is a course on problem-solving and communicating in mathematics. Students will study different strategies to solve various problems, explore mathematical ideas with the instructor and present these ideas to the faculty and students.

Prerequisites: MAT 3090 and MAT 3160 or permission of the instructor

Offered: as needed

MAT 4850 SPECIAL TOPICS (1-4)

Advanced students study logic and foundations, algebra, analysis, geometry, topology, or applied mathematics.

Prerequisite: permission of the department chair

Offered: as needed

MAT 4920 SEMINAR IN MATHEMATICS II (2)

This is the second course in a two-course capstone sequence on problem-solving and communicating in mathematics. Students will study different strategies to solve various problems, explore mathematical ideas with the instructor and present these ideas to the faculty and students. Final research presentations based on initial research will occur.

Prerequisites: MAT 3920 or permission of the instructor.

Offered: as needed

MAT 4990 INDEPENDENT STUDY IN MATHEMATICS (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major.

Prerequisite: Requires approval by the faculty advisor, the supervising professor, the department chair, and the college dean before approval by Provost. Credits to be determined.

Offered: as needed

Data Science Course Descriptions – DSC**DSC 2100 INTRODUCTION TO DATA SCIENCE (3)**

Introduction to foundational concepts and technologies used to work with, manipulate, and analyze data. Students will derive information and draw conclusions with large data sets through an introduction to R and Python

Prerequisites: none

Offered: as needed

DSC 3100 DATA VISUALIZATION & MANIPULATION (3)

An introduction to data visualization and manipulation. Students will learn the importance of actionable dashboards enabling data-driven decisions using Qlik, Tableau, and/or Power BI. Students will also focus on the loading, manipulating, processing, cleaning, aggregating, and grouping of data through Python. Prior Python experience is necessary.

Prerequisites: CSC 2010 and DSC 2100 or permission of the instructor

Offered: as needed

DSC 3500 INTRODUCTION TO MACHINE LEARNING MODELS (3)

An introduction to machine learning to determine what machine learning is and why it is used. Students will examine algorithms and systems that can learn without being explicitly programmed. Machine learning systems, machine learning involving regression, classification systems, training of linear models, closed-form solutions, support vector machines, and unsupervised learning techniques will be explored. This course is taught in Python.

Prerequisites: DSC 3100 or permission of the instructor

Offered: as needed

DSC 4500 ETHICS IN MATHEMATICAL MODELING AND DATA SCIENCES (3)

An introduction exploring various ethical issues related to computing technology, mathematical sciences, and data science. Subjects include basic and advanced issues from social media privacy to implications of machine learning and artificial intelligence.

Prerequisites: DSC 3100 or permission of the instructor

Offered: as needed

COLLEGE OF ARTS, HUMANITIES, AND SCIENCES

FINE AND PERFORMING ARTS

The Division of Fine and Performing Arts at Methodist University includes programs in performance, music education, composition, arts management, and theater, and reflects the rigorous standards of a flagship institution, while offering an intimate environment for students to train as scholars, practitioners, and educators in the arts. Our courses integrate creativity and critical inquiry and emphasize artistic excellence, interdisciplinary learning, and collaborative performances.

Goals

We seek to ensure that all students at Methodist University have an opportunity to investigate, collaborate, and experience the arts. Additionally, we endeavor to prepare students completing arts-focused academic majors, minors, and concentrations to:

- Compete at the highest level for employment within the arts community
- Enter graduate school fully prepared both artistically and academically

FINE ARTS

Mission

The Department of Fine Arts at Methodist University seeks to facilitate transformative experiences through experiential learning as practitioners or as observers.

Goals

- Students can demonstrate a deeper understanding and appreciation of the arts through experiential learning as practitioners or as observers.
- Students can create with a balance of technical proficiency and artistry.
- Students can create unique, challenging, and diverse works suitable for public viewing.
- Students can engage critically with pedagogical topics including technique, style, theory, and history.
- Students can support and prepare the fine artists of the future.

ART (A.A., B.A.)

Associate of Arts with a concentration in Art

Minor in Art

Required Courses: 18 credit hours

- ARH 2530 Survey of Art History I (3)

Select one course (3 credit hours) from the following list of art history courses:

ARH 2540 Survey of Art History II (3)	ARH 3540 Nineteenth and Twentieth Century: Art History and Theory (3)
ARH 3530 Renaissance and Baroque: Art History and Theory (3)	ARH 4850 Special Topics in Art History (3)

Select 12 hours of studio art courses, in one studio skill, to be determined in consultation with the art faculty and dependent upon the student's chosen concentration.

Note: ART 1010 and ART 2030 are prerequisites for all studio courses which may increase the total credit hours for the A.A. or minor beyond 18.

Bachelor of Arts in Art
Concentration in Painting

B.A. Foreign Language Requirement: 6 credit hours

One language through the 1020-level (1010 and 1020) or demonstration of competence.

Art CORE Requirements: 12 credit hours

ART 1010 Foundations I Design (3)	ART 2030 Foundations IV Drawing I (3)
ART 1020 Foundations II Design (3)	ART 2050 Foundations I Painting (3)

Studio Art Requirements: 9 credit hours

Note: ART 1010 and ART 2030 are prerequisites for all studio courses.

ART 3000 Intermediate Drawing II (3)

Select one course (3 credit hours) from the following list:

ART 2070 Figurative Sculpture I (3)	AGD 2030 Foundations III 3-D Design (3)
ART 2150 Clay Sculpture (3)	

Select one course (3 credit hours) from the following list:

ART 3090 Relief Printmaking (3)	ART 3100 Printmaking (Etching) (3)
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Art History Requirements: 9 credit hours

ARH 2530 Survey of Art History I (3)	ARH 2540 Survey of Art History II (3)
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Select one course (3 credit hours) from the following list:

ARH 3530 Renaissance and Baroque: Art History and Theory (3)	ARH 4850 Special Topics in Art History (3)
ARH 3540 Nineteenth and Twentieth Century: Art History and Theory	

Required Painting Concentration CORE Courses: 12 credit hours

ART 3050 Intermediate Painting I (3)	ART 4020 B.A. Senior Exhibit (1)
ART 3060 Intermediate Painting II (3)	ART 4050 Advanced Painting I (3)
ART 4010 Business and Marketing in Art (2)	

Additional Requirements: A minimum of 12 hours in one studio skill is required for both an art and art education major. Students must earn a final grade of C or better in all art, design, and art education courses. A minimum grade point average of 2.00 is required for graduation.

Total: 42 - 48 credit hours

Additional Expenses for Art Department programs: Major additional costs for art courses will include the purchase of various art supplies, such as scissors, rulers, paint, brushes, and other materials as necessary to complete project assignments. Additional materials are required for ART 3620, Theory and Practice in Art Education, and will cost in the range of \$500 or more. The B.F.A. in Graphic Design program will require each student in his/her sophomore year to purchase an Apple MacBook Pro computer, a separate external storage drive, and Adobe and Apple software.

Requirements for transfer students: Anyone seeking university transfer credits for Art or Art Education courses must present (1) a portfolio of no fewer than twelve samples, (2) a college transcript or transcripts, and (3) college catalog(s) from previously attended colleges.

Senior Exhibition: This is required of graduating art, graphic design, and art education majors but is optional for art minors. Exhibitions will be held in the David McCune International Art Gallery. If the gallery is inaccessible, an alternate site for exhibiting senior work can be selected, subject to approval by the art faculty. The department maintains the right to retain samples of student work for its collection and to exhibit these works.

Studio Policies: Students are asked to maintain a clean, workable studio and to keep noise to a minimum.

Computer Competencies: Graphic Arts software is introduced in basic studio courses and continued experimentation is promoted in intermediate and advanced courses.

Art History Course Descriptions – ARH

ARH 1510 LANGUAGE OF ART (3)

Introduction to art: study and critical analysis of a wide range of visual art forms and the language of art relating to the history of drawing, painting, printmaking, sculpture, photography, video arts and architecture. The student gains a developed vocabulary of and exposure to the formal elements of art, principles of design, and major studio processes, and learns how artists apply concepts to artworks in their historical and cultural contexts. This course is offered every fall and spring semester.

Prerequisite: none

Offered: fall and spring

ARH 2530 SURVEY OF ART HISTORY I (3) (GP)

A study of artistic trends in painting, sculpture, and architecture of European and Non-Western art from Prehistoric times to the thirteenth century. The student will be able to identify works of art in their cultural contexts, stylistic characteristics, themes, and studio processes. Required fine arts core course for all art, art education, and graphic design majors.

Prerequisites: ENG 1010 strongly recommended

ARH 2540 SURVEY OF ART HISTORY II (3)

A study of western trends in the history of painting, sculpture, and architecture from the 14th through early twentieth centuries. Students will be able to identify works of art in proper historical and cultural contexts, and by stylistic characteristics, themes, and the studio processes.

Prerequisites: ENG 1010 strongly recommended

ARH 3530 RENAISSANCE AND BAROQUE: ART HISTORY AND THEORY (3)

Major developments of western painting, sculpture, and architecture from early fourteenth through mid-eighteenth centuries, with emphasis on regional European stylistic trends and developments. A research paper is required. Prerequisites: ENG 1040, or permission of the instructor

ARH 3540 NINETEENTH- AND TWENTIETH CENTURY: ART HISTORY AND THEORY (3)

Major developments of mainstream modern art from late eighteenth to early 20th centuries, with emphasis on stylistic trends and developments of major European and American art movements in painting, sculpture, and architecture. A research paper is required.

Prerequisites: ENG 1010, 1020 or 1040, ARH 2530, or permission of the instructor

ARH 4850 SPECIAL TOPICS IN ART HISTORY (3)

Allows juniors and seniors flexibility to study special interest topics in art history not otherwise offered in the art curriculum. Student proficiency in art history and research paper writing is required. Involves lecture and seminar classes. The course can be repeated if it is a different topic.

Prerequisites: ENG 1010, 1020, or 1040, ARH 2530, 3530 or 3540, or permission of the instructor

Offered: as needed

Studio Art Course Descriptions – ART

ART 1010 FOUNDATIONS I DESIGN (3)

The elements and principles of two-dimensional design: line, shape, form, value, texture, and space, with emphasis on problem solving and organization in a composition.

Prerequisite: none

Offered: fall

ART 1020 FOUNDATIONS II DESIGN (3)

A variety of two- and three-dimensional principles using color. Lectures and critique.

Prerequisites: ART 1010, or permission of the instructor.

ART 2030 FOUNDATIONS IV DRAWING I (3)

The drawing fundamentals, introducing various media and techniques, with emphasis on the relationships and vocabulary of the formal elements of design in the organization of pictorial composition and critiquing process. Creative exploration is encouraged.

Prerequisite: none

ART 2050 FOUNDATIONS PAINTING I (3)

Exploration of the formal elements of art, color theory, and expressive properties of oil and acrylic techniques individually, in combination, and with textural surfaces. Course may be taken concurrently with ART 1020.

Prerequisites: ART 1010, 1020, 2030, or permission of the instructor

Offered: fall and spring

ART 2070, 3070, 4070, 4080 FIGURATIVE SCULPTURE I, II, III AND IV (3 credit hours per course)

Sculptural design with fundamental hand building techniques and properties of clay, concentrating on creative concepts based on the human figure; may include exploration of abstract forms. Students are encouraged to interpret their visual definition of the figure. The course emphasizes development of the relationships and vocabulary of three-dimensional design and the critiquing process. Includes techniques of relief, glazing, decoration, firing, and experimentation with added materials.

Prerequisites: ART 1010, 2030, or permission of the instructor

ART 2150 CLAY SCULPTURE (3)

Fundamental hand building techniques and properties of clay with emphasis on the visual vocabulary of formal elements during the investigation of three-dimensional forms and critiquing process. Includes techniques of relief, glazing, decoration, firing, and creative experimentation with added materials.

Prerequisites: ART 1010, 2030, or permission of the instructor

ART 3000 INTERMEDIATE DRAWING II (3)

Continuation of the drawing sequence with emphasis on creative pictorial organization. Prerequisites: ART 1010, 2030, or permission of the instructor

ART 3010 PHOTOGRAPHIC MEDIA I (3)

Lectures include a history of photography including a brief survey of motion picture and video techniques. Technical emphasis will be an introduction to digital photography, including the basic principles of photography (shutter speed, aperture, ISO) and digital equivalents of traditional darkroom processes and techniques. Photography projects will be existing/natural and continuous artificial (non-flash) light setups with concerns of expression, composition, creativity, and self-criticism. A DSLR (or larger format) digital camera required, minimum of 10 MP resolution. Camera must allow shooting in

full manual mode. Students will be responsible for cost of camera, and Mac lab printing papers, to be detailed by instructor.

Prerequisites: ART 1010, 2030, or permission of the instructor

ART 3020 PHOTOGRAPHIC MEDIA II (3)

Extensive field and computer lab work with regular critiques. Advanced techniques--including but not limited to multi-exposure compositing and motion graphics--while developing individual creativity. Students will be responsible for cost of DSLR camera and photo printing inkjet papers, to be detailed by instructor.

Prerequisites: None

Offered: as needed

ART 3030 ADVANCED DRAWING I: MEDIA AND TECHNIQUES (3)

Experimental investigation of non-traditional methods of drawing and extending traditional concepts of drawing beyond their parameters.

Prerequisites: ART 1010, 1020, 2030, 3000, or permission of the instructor

Offered: as needed

ART 3050, 3060 INTERMEDIATE PAINTING I AND II (3 credit hours per course)

Further study and experimentation with application of media and techniques: emphasis on personal expression, color theory, the relationships and vocabulary of the formal elements of design, and critiquing process. Enhanced development toward the student's personal style.

Prerequisites: ART 1010, 1020, 2030, 2050, or permission of the instructor

ART 3090 RELIEF PRINTMAKING (3)

Relief printmaking processes, including woodcut, linocut, and other techniques.

Prerequisites: ART 1010, 2030, or permission of the instructor

ART 3100 PRINTMAKING (ETCHING) (3)

Etching and engraving processes with emphasis on composition. Techniques include dry point, line etching, soft ground, lift ground, aquatint, and embossing. Small editions required.

Prerequisites: ART 1010, 2030, or permission of the instructor

Offered: as needed

ART 3110 INTERMEDIATE PRINTMAKING (ETCHING) (3)

Emphasis on color multi-plate, viscosity, and stencil.

Prerequisites: ART 1010, 1020, 2030, 3100, or permission of the instructor

Offered: as needed

ART 3120, 4110, 4120 ADVANCED PRINTMAKING (ETCHING) I, II, AND III (3 credit hours per course)

For a printmaking concentration. Individual problem-solving, exploration of various concepts (e.g., forms and imagery), and development of a personal statement. Color printing required.

Prerequisites: ART 1010, 1020, 2030, 3000, 3100, 3110, or permission of the instructor

Offered: as needed

ART 3150, 4150, 4160 ADVANCED SCULPTURE I, II, AND III (3 credit hours per course)

Design and technical skills with emphasis on combining techniques, surface decoration in relation to form, originality, and creativity.

Prerequisites: ART 1010, 2030, 2150, or permission of the instructor

Offered: as needed

ART 3620 THEORY AND PRACTICE IN ART EDUCATION (4)

Current trends and theories in art education investigating the role of art in society, the school curriculum, and child development, with emphasis on positive self-expression, creative thinking, and perceptual sensitivity. Lesson planning, student presentations and a wide variety of studio experiences, including photographic techniques and computer graphics. Grades P-12. The course includes one hour of lecture and three hours of studio. The course does not count toward a major or minor in studio art or design. Major costs for this course will include the purchase of a textbook, paint, brushes, paper, and other miscellaneous art supplies, which will be in the range of \$500 or more. This course is only for art education majors.

Prerequisites: Junior status and successful completion of EDU 2420

Offered: as needed

ART 3850, 4850 SPECIAL TOPICS IN ART I AND II (1-6 credit hours per course)

Allows advanced juniors and seniors to experiment in areas of special interest or in special topics not otherwise provided in the art curriculum. May combine several areas in which students have demonstrated proficiency. Involves a series of problems designed by the student in consultation with the instructor. A contract establishes responsibilities and credit hours. Two classroom contact hours required per each credit of work. Courses cannot be taken concurrently and cannot be repeated.

Students enroll for a maximum of six hours per semester and a maximum of 12 hours overall.

Prerequisites: permission of the instructor

Offered: as needed

ART 4010 BUSINESS AND MARKETING IN ART (CAPSTONE) (2)

This course is a part of the B.A., B.F.A., and art education major requirements to be taken at the conclusion of the student's course of study. It is designed to provide professional preparation and hands-on experience in the following areas: writing of news releases, résumés and cover letters, social media promotions, creation of exhibit invitation and program, and development of thesis.

Prerequisites: Senior status and concurrently enrolled in the final courses in the major area, including Senior Exhibit

ART 4020 B.A. SENIOR EXHIBIT (CAPSTONE) (1)

B.A. candidates will prepare, install, and exhibit a body of work to fulfill the B.A. exit requirement. In the first semester of the senior year, the candidate meets with the art faculty to discuss the requirements for their exhibition and then submits a proposal.

Prerequisites: Senior status and concurrently enrolled in the final courses in the major area, including ART 4010

ART 4030 ADVANCED DRAWING II (3)

Further development of drawing skills, visual awareness, and personal expression and interpretation. Continued experimentation with media.

Prerequisites: ART 1010, 1020, 2030, 3000, or permission of the instructor

Offered: as needed

ART 4050, 4060 ADVANCED PAINTING I AND II (3 credit hours per course)

Skills necessary for expressive problem solving. The student establishes his/her personal painting style and direction.

Prerequisites: ART 1010, 1020, 2030, 2050, 3050, 3060, or permission of the instructor.

Offered: as needed

ART 4990 INDEPENDENT STUDY IN ART (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major.

Prerequisite: Approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by the Provost. Credits to be determined.

Offered: as needed

GRAPHIC DESIGN (B.F.A.)

Graduates from Methodist's B.F.A. in Graphic Design program will be able to create traditional and digital design, typography, and imagery conceptually and practically for print and interactive design solutions that meet the objectives of their employers, and/or clients. The program is also a preparation for graduate studies in graphic design.

Goals

- To meld liberal arts studies from the MU core with art and design history, providing the context for stimulating intellectual and creative inquiry.
- To provide foundations and upper-level studio coursework which will develop the students' capacities for all stages of graphic design from conceptualization and aesthetics through craftsmanship of final projects. The coursework will develop their creativity and time- and project-management skills.
- To provide critiques and discussion—with input from both professors and peers—within each studio course. The expectation is that constructive input is received openly and considered within project revisions, as designers have an enormous curiosity about learning different things.
- To impart a working knowledge of current industry-standard graphic design software and hardware for production skills and efficiency upon graduates' employment.
- To provide professional work experience in the design industry through internships, and/or coursework for off-campus clientele. This will refine the students' portfolios while enhancing their design vocabulary and communication skills.

Required CORE Courses: 18 credit hours

AGD 1000 Design Production (3)	AGD 2030 Foundations III Design 3D (3)
ART 1010 Foundations I Design (3)	ART 2030 Foundations IV Drawing I (3)
ART 1020 Foundations II Design (3)	ART 2050 Foundations I Painting (3)

Studio Art CORE Requirements: 9 credit hours

Note: ART 1010 and ART 2030 are prerequisites for all studio courses.

ART 3000 Intermediate Drawing II (3)	ART 3090 Relief Printmaking (3)
ART 3010 Photographic Media I (3)	

Art History Requirements: 12 credit hours

AGD 2040 History of Graphic Design (3)	ARH 2540 Survey of Art History II (3)
ARH 2530 Survey of Art History I (3)	

Select one course (3 credit hours) from the following list:

ARH 3530 Renaissance and Baroque: Art History and Theory (3)	ARH 4850 Special Topics in Art History (3)
ARH 3540 Nineteenth and Twentieth Century: Art History and Theory (3)	

Professional CORE Courses: 33 credit hours

AGD 2000 Graphic Design Studio I (3)	AGD 3030 Graphic Design Studio III (3)
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AGD 2010 Typography I (3)	AGD 3050 Imaging for Graphic Design III (3)
AGD 2020 Imaging for Graphic Design I (3)	AGD 4000 Graphic Design Studio IV (capstone) (3)
AGD 2050 Typography II (3)	AGD 4010 Graphic Design Workshop (3)
AGD 3000 Graphic Design Studio II (3)	AGD 4020 B.F.A. Senior Exhibit (capstone) (1)
AGD 3020 Imaging for Graphic Design II (3)	ART 4010 Business and Marketing in Art (2)

Elective Courses: 6 credit hours

Select 6 credit hours from other courses with the following prefixes: AGD, ARH, ART, CME, CSC, and MKT

Total: 78 credit hours

Additional Requirements: A minimum of 12 hours in one studio skill is required for both an art and art education major. Students must earn a final grade of C or better in all art, design, and art education courses. A minimum grade point average of 2.00 is required for graduation.

Graphic Design Course Descriptions – AGD

AGD 1000 DESIGN PRODUCTION (3)

A freshman-level introduction to graphic design print production vocabulary and techniques, both traditional and digital. The course includes introductory tutorials on three of the Adobe Creative Cloud programs—InDesign, Photoshop, and Illustrator—to provide fundamentals of the software prior to the subsequent graphic design and imaging studio courses within the B.F.A. in Graphic Design curriculum.

Prerequisite: none

AGD 2000 GRAPHIC DESIGN STUDIO I (3)

Introductory studio in fundamental two-dimensional concepts of graphic design. Basic design principles and invention of form within contexts relevant to design of communication of information, concepts and/or emotions. Project assignments will coincide with lectures and tutorials and will enable students to develop critical thinking and visual problem-solving skills.

Prerequisites: AGD 1000, 2010, 2030, ARH 2530, ART 1010, 1020, and 2030, or permission of the instructor

AGD 2010 TYPOGRAPHY (3)

Typography is a medium of visual communication. Student exercises focus on type as image and the relationship between visual and verbal language, the expressive characteristics of letterforms, and type design classifications. Course covers type terminology, typographic design and production history, and current methods/tutorials for professional typography.

Prerequisites: AGD 1000, 2030, ART 1010, 1020, 2030, or permission of the instructor

AGD 2020 IMAGING FOR GRAPHIC DESIGN I (3)

Introduction to the technical and formal issues of photography and illustration processes as they relate to visual communications, terminology, and photographic history within the context of graphic design. Introduction to raster imaging/manipulation for print and screen.

Prerequisites: AGD 1000, 2010, 2030, ARH 2530, ART 1010, 1020, 2030, or permission of the instructor

AGD 2030 FOUNDATIONS III 3-D DESIGN (3)

Emphasis on experimentation with design and materials as related to the exploration of volume and space in three dimensions. Projects involve sculptural objects and architectural and environmental design. Studio projects will be completed outside of class.

Prerequisites: AGD 1000, ARH 2530, ART 1010, 1020, 2030, or permission of the instructor

AGD 2040 HISTORY OF GRAPHIC DESIGN (3)

Survey of the inventions, movements, designs, and individuals that have international historical significance and influence in the development of visual communications. Concentration on late 19th and 20th centuries.

Prerequisite: none; but ARH 2530 and 2540 recommended

AGD 2050 TYPOGRAPHY II (3)

Builds upon and relies on vocabulary, experimentation, and projects from AGD 2010 and thoroughly covers combining of typeface designs. More advanced, multi-page documents, kinetic type, motion graphics, and broadcast typography projects.

Prerequisites: AGD 1000, 2010, 2030, ART 1010, 1020, 2030, or permission of the instructor

AGD 3000 GRAPHIC DESIGN STUDIO II (3)

Intermediate course in the principles and vocabulary of graphic design and visual communications.

Builds on AGD 2000 in project complexity and develops analytical and intuitive approaches to problem solving based on needs/ desires of audience. Oral presentation and design vocabulary reinforced with project critiques.

Prerequisites: AGD 1000, 2000, 2010, 2020, 2030, ARH 2530, ART 1010, 1020, 2030, or permission of the instructor

AGD 3020 IMAGING FOR GRAPHIC DESIGN II (3)

Intermediate digital photography and imaging as they relate to visual communication design. Studio lighting techniques explored for portraits, products, and other tabletop setups.

Prerequisites: AGD 1000, 2000, 2010, 2020, 2030, ARH 2530, ART 1010, 1020, 2030, or permission of the instructor

AGD 3030 GRAPHIC DESIGN STUDIO III (3)

Advanced design problems with emphasis on design systems and experimentation with various media/vehicles for the communication of creative solutions. Projects focus on appropriateness to specific audiences through the role of context in the interpretation of form.

Prerequisites: AGD 3000 and 3020, or permission of the instructor

AGD 3040 INTERNSHIP IN THE ARTS (3)

The internship is designed as a seminar while providing an experiential learning opportunity to integrate graphic design theory and practice through on-the-job experience. The intern will be placed in a professional setting for observation and supervised design-related duties during the summer term. The intern will work for a total of 90 hours. The seminar component of the course will provide opportunities to meet, discuss, and share topics of workplace experiences. This internship may be a non-salaried opportunity for students to observe, examine, and participate in the creative dynamics and procedural operations of an art organization, arts-related business, professional studio, agency, or with an expert crafts worker. Sponsor supervised. (4-8 hours per week.) Can be up to two sponsors. Prerequisites: AGD 3000,3020, Junior status within B.F.A. major, 3.0 GPA or better, and written consent of the instructor, division head and the sponsor

Offered: as needed

AGD 3050 IMAGING FOR GRAPHIC DESIGN III (3)

Creative development, design, and structuring of interactive design concentrating on a self-branded and hosted portfolio website. Topics include animation, motion graphics, web design and approaches to the organization of content.

Prerequisites: AGD 3000 and 3020, or permission of the instructor

AGD 4000 GRAPHIC DESIGN STUDIO IV (CAPSTONE) (3)

Advanced level of graphic design problem solving that concentrates on the relationship between message and media, and the exploration of both digital and traditional production techniques. Studio projects include problems integrating typographic, photographic, and historical concepts in graphics communication for both print and interactive designs.

Prerequisites: AGD 3030, 3050, or permission of the instructor

AGD 4010 GRAPHIC DESIGN WORKSHOP (3)

The primary mission of the Graphic Design Workshop is twofold; first, to provide students with professional experience and business knowledge, second, to perform community service to local and regional nonprofit organizations. Under the guidance of faculty, students are responsible for direct client contact, design, illustration, photography, market research, media placement, and/or production schedules. (In most cases, these organizations economically would be unable to utilize the resources of ad agencies and design firms.) This is an advanced-level studio requiring independent solving of “real-world” design problems, as well as other advanced, multi-component team-based class projects.

Prerequisites: AGD 3000 and 3020 or permission of the instructor

AGD 4020 B.F.A. SENIOR EXHIBIT (CAPSTONE) (1)

Candidates will prepare, install, and exhibit a body of work to fulfill the B.F.A. exit requirement.

Prerequisites: senior status, AGD 3030, 3050, and concurrently enrolled in the final courses in the major area. AGD 4020 and ART 4010 are taught with concurrent enrollment required.

PERFORMING ARTS

Mission

The Performing Arts Department at Methodist University seeks to facilitate transformative experiences in the classroom, on the stage, and in the audience, so that every student might develop a lifelong passion for the arts.

The Department of Performing Arts seeks to ensure:

- That students can demonstrate a deeper understanding and appreciation of the arts through experiential learning in the classroom, on the stage, or in the audience.
- That students can perform, both individually and collaboratively, with a balance of technical proficiency and artistry.
- That students can create unique, challenging and diverse live performances suitable for public viewing.
- That students can engage critically with pedagogical topics including technique, theory, history, and performance practice.
- That students can support and prepare the performing artists of the future.

Sophomore Gateway Review and other major requirements

All music majors at Methodist University must successfully pass the sophomore gateway review. This normally consists of a face-to-face meeting with all full-time music faculty, and student’s applied music instructor, at the end of the spring semester of the sophomore year. It is generally conducted in tandem with the student’s jury follow-up interview. During this interview, the faculty will determine if the student is in good standing and qualifies to continue, and ultimately, complete their major. The decision will be based upon the following criteria:

- Students have completed requisite course work (including ensembles).

- Students have completed four semesters of applied lessons and performances in student recitals.
- Students must have attained no less than a C average in their applied area as well as all academic music courses.
- Music Education majors must have completed MUS 1090 (Prelude to Music Education).

Transfer students (junior or senior standing) are required to meet these same criteria after one semester at Methodist. Freshman or sophomore transfer students are allowed up to two additional semesters to meet the criteria.

Music majors must earn a GPA of 2.0 or higher in all music courses required for their music degree.

Music Education majors must maintain a GPA of 2.7 or higher to be eligible for the music education program.

MUSIC (A.A., B.A., B.M.)

Associate of Arts with a concentration in Music

Required Academic Courses: 17-20 credit hours

MUS 1070 Aural Skills I (1)	MUS 2070 Aural Skills III (1)
MUS 1080 Aural Skills II (1)	MUS 2080 Aural Skills IV (1)
*MUS 1600 Music Fundamentals (3)	MUS 2600 Music and Culture (1)
MUS 1610 Music Theory I (3)	MUS 2610 Music Theory III (3)
MUS 1620 Music Theory II (3)	MUS 2620 Music Theory IV (3)

* MUS 1600 is required if student does not pass the diagnostic exam

Required Applied Courses: 8 credit hours

**MUS 0710 Concert Attendance (0)	**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)
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**MUS 0710 must be taken and passed with applied lessons (MUS 1140-4810) for 4 consecutive semesters.

Required Ensemble Courses: 4 credit hours

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3860 (1)/MUS 3870 (1) Grace Notes
MUS 3280 (1)/MUS 3290 (1) Noblemen	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	

If **Guitar Ensemble** is not offered, students may take one of the other ensembles for equal credits. Piano majors may accompany a choral ensemble for equal credits, if qualified to do so, or play in one of the other ensembles.

Note: No senior recital is required for the Associate of Arts. Students must participate (perform) in student recitals once a semester as part of the applied lesson requirement.

Total: 29-32 credit hours

Bachelor of Arts in Music

To be accepted as a candidate for a B.A. in Music, the student must audition successfully no later than the end of the fourth semester.

B.A. Foreign Language Requirement: 6 credit hours

One language through the 1020 level (1010 and 1020) or demonstration of competence. German, French, or Italian are recommended.

Required Academic Courses: 34-37 credit hours

MUS 1070 Aural Skills I (1)	MUS 2600 Music and Culture (1)
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MUS 1080 Aural Skills II (1)	MUS 2610 Music Theory III (3)
*MUS 1600 Music Fundamentals (3)	MUS 2620 Music Theory IV (3)
MUS 1610 Music Theory I (3)	MUS 3110 Music History: Ancient Through Baroque (3)
MUS 1620 Music Theory II (3)	MUS 3130 Music History: Classic Through Romantic (3)
MUS 2070 Aural Skills III (1)	MUS 3610 Conducting (3)
MUS 2080 Aural Skills IV (1)	MUS 4190 Music History: 20th–21st Century (2)

* MUS 1600 is required if a student does not pass the diagnostic exam.

Select two courses (6 credit hours) from MUS 4640, MUS 4650, MUS 4660.

MUS 4640 Orchestration (3)	MUS 4660 Form and Analysis (3)
MUS 4650 Introduction to Composition and Arranging (3)	

Required Applied Courses: 16-22 credit hours

MUS 0710 Concert Attendance (0)	*MUS 1750-4750 Piano Proficiency (0-4)
MUS 0800 Half Recital (In major instrument or voice) (0)	MUS 3370 Applications of Piano Literature (Piano Majors ONLY) (2)
**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)	

**MUS 0710 must be taken and passed for a total of 6 semesters.

**Applied lessons (MUS 1140-4810) must be taken and passed for 8 semesters: a total of 16 credit hours on one instrument or voice. Therefore, continuous enrollment in the major instrument is required until a minimum of 16 continuous credit hours of applied lessons (C or better) is completed. Percussionists must complete no fewer than 16 credit hours of applied lessons, with at least 10 credit hours in applied orchestral percussion. Instrumental majors (winds, brass, and percussion) are required to participate in Athletic Bands for no fewer than two years.

*** All music majors whose primary instrument is not piano are required to pass the piano proficiency exam to graduate. Students must enroll in the piano proficiency sequence (MUS 1750-4750) until the exam is successfully passed. Students who pass MUS 4750 (Piano Proficiency IV), but who have not passed the piano proficiency exam must register for MUS 1770 or 1780 (Piano for Non-Music Majors/Proficiency) until passing the piano proficiency exam.

Required Ensemble Courses: 8 credit hours

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3860 (1)/MUS 3870 (1) Grace Notes
MUS 3280 (1)/MUS 3290 (1) Noblemen	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	

Note: If **Guitar Ensemble** is not offered, students may take one of the other ensembles for equal credits. Piano majors may accompany a choral ensemble for equal credits, if qualified to do so, or play in one of the other ensembles.

Total: 64-73 credit hours

Concentration in Arts Management

B.A. Foreign Language Requirement: 6 credit hours

One language through the 1020 level (1010 and 1020) or demonstration of competence. German, French, or Italian are recommended.

Required Academic Courses: 31-34 credit hours

MUS 1070 Aural Skills I (1)	MUS 2610 Music Theory III (3)
MUS 1080 Aural Skills II (1)	MUS 2620 Music Theory IV (3)
*MUS 1600 Music Fundamentals (3)	MUS 3110 Music History: Ancient Through Baroque (3)
MUS 1610 Music Theory I (3)	MUS 3130 Music History: Classic Through Romantic (3)
MUS 1620 Music Theory II (3)	MUS 3610 Conducting (3)
MUS 2070 Aural Skills III (1)	MUS 3880 Management and the Arts (3)
MUS 2080 Aural Skills IV (1)	MUS 4190 Music History: 20th–21st Century (2)
MUS 2600 Music and Culture (1)	

* MUS 1600 is required if a student does not pass the diagnostic exam.

Required Applied Courses: 12-18 credit hours

MUS 0710 Concert Attendance (0)	*MUS 1750-4750 Piano Proficiency (0-4)
MUS 0800 Half Recital (In major instrument or voice) (0)	MUS 3370 Applications of Piano Literature (Piano Majors ONLY) (2)
**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)	

**MUS 0710 must be taken and passed for a total of 6 semesters.

**Applied lessons (MUS 1140-4810) must be taken and passed for 6 semesters: a total of 12 credit hours on one instrument or voice. Therefore, continuous enrollment in the major instrument is required until a minimum of 12 continuous credit hours of applied lessons (C or better) is completed. Percussionists must complete no fewer than 12 credit hours of applied lessons, with at least 10 credit hours in applied orchestral percussion. Instrumental majors (winds, brass, and percussion) are required to participate in Athletic Bands for no fewer than two years.

*** All music majors whose primary instrument is not piano are required to pass the piano proficiency exam to graduate. Students must enroll in the piano proficiency sequence (MUS 1750-4750) until the exam is successfully passed. Students who pass MUS 4750 (Piano Proficiency IV), but who have not passed the piano proficiency exam must register for MUS 1770 or 1780 (Piano for Non-Music Majors/Proficiency) until passing the piano proficiency exam.

Required Ensemble Courses: 8 credit hours

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3860 (1)/MUS 3870 (1) Grace Notes
MUS 3280 (1)/MUS 3290 (1) Noblemen	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	

Note: If **Guitar Ensemble** is not offered, students may take one of the other ensembles for equal credits. Piano majors may accompany a choral ensemble for equal credits, if qualified to do so, or play in one of the other ensembles.

Required Fine Arts Courses: 6 credit hours

ARH 1510 Language of Art (3)	THEA 1620 Survey of Theatre (3)
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Required Business Courses: 30 credit hours

ACC 1510 Principles of Financial Accounting (3)	BUS 3450 Internship I (3)
ACC 1520 Principles of Managerial Accounting (3)	ECO 1510 Principles of Macroeconomics (3)
BUS 2160 Statistics for Business and Economics (3)	ECO 1520 Principles of Microeconomics (3)
BUS 1700 Computer Business Applications (3) OR	MKT 1510 Principles of Marketing (3)

CSC 1000 Computer Literacy: Introduction to Computers and Information Technology (3)	
BUS 1750 Personal Finance (3)	One additional 3000 – 4000 level MKT course (3)

Total: 93- 99 credit hours

Bachelor of Arts in Music Composition

B.A. Foreign Language Requirement: 6 credit hours

One language through the 1020 level (1010 and 1020) or demonstration of competence. German, French, or Italian are recommended.

Required Academic Courses: 34-37 credit hours

MUS 1070 Aural Skills I (1)	MUS 2600 Music and Culture (1)
MUS 1080 Aural Skills II (1)	MUS 2610 Music Theory III (3)
*MUS 1600 Music Fundamentals (3)	MUS 2620 Music Theory IV (3)
MUS 1610 Music Theory I (3)	MUS 3110 Music History: Ancient Through Baroque (3)
MUS 1620 Music Theory II (3)	MUS 3130 Music History: Classic Through Romantic (3)
MUS 2070 Aural Skills III (1)	MUS 3610 Conducting (3)
MUS 2080 Aural Skills IV (1)	MUS 4190 Music History: 20th–21st Century (2)

* MUS 1600 is required if a student does not pass the diagnostic exam.

Select two courses (6 credit hours) from MUS 4640, MUS 4650, MUS 4660.

MUS 4640 Orchestration (3)	MUS 4660 Form and Analysis (3)
MUS 4650 Introduction to Composition and Arranging (3)	

Note: Student may take 1 applied composition semester in place of MUS 4650.

Required Technique Courses: 4 credit hours

MUS 3010 String Techniques (1)	MUS 3040 Brass Techniques (1)
MUS 3030 Woodwind Techniques (1)	MUS 3070 Percussion Techniques (1)

Required Applied Courses: 20-26 credit hours

MUS 0710 Concert Attendance (0)	*MUS 1750-4750 Piano Proficiency (0-4)
MUS 0800 Half Recital (In major instrument or voice) AND *****MUS 0800 Half Recital (In Composition) (0)	**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)
****MUS 1270 – 4270 Applied Composition (2)	MUS 3370 Applications of Piano Literature (Piano Majors ONLY) (2)

**MUS 0710 must be taken and passed for a total of 6 semesters.

**Applied lessons (MUS 1140-4810) must be taken and passed for 8 semesters: a total of 16 credit hours on one instrument or voice. Therefore, continuous enrollment in the major instrument is required until a minimum of 16 continuous credit hours of applied lessons (C or better) is completed. Percussionists must complete no fewer than 12 credit hours of applied lessons, with at least 10 credit hours in applied orchestral percussion. Instrumental majors (winds, brass, and percussion) are required to participate in Athletic Bands for no fewer than two years.

*** All music majors whose primary instrument is not piano are required to pass the piano proficiency exam to graduate. Students must enroll in the piano proficiency sequence (MUS 1750-4750) until the exam is successfully passed. Students who pass MUS 4750 (Piano Proficiency IV), but who have not

passed the piano proficiency exam must register for MUS 1770 or 1780 (Piano for Non-Music Majors/ Proficiency) until passing the piano proficiency exam.

****MUS 1270-4270 must be taken for 4 semesters: a total of 8 credit hours.

*****A half recital in composition is required for graduation. Applied composition lessons do not take the place of applied instrument or voice. Applied instrumental or voice recital cannot take place in the same semester as the composition recital. It is recommended that the applied voice or instrumental recital take place in the junior year for composition majors.

Required Ensemble Courses: 8 credit hours

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3860 (1)/MUS 3870 (1) Grace Notes
MUS 3280 (1)/MUS 3290 (1) Noblemen	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	

Note: If **Guitar Ensemble** is not offered, students may take one of the other ensembles for equal credits. Piano majors may accompany a choral ensemble for equal credits, if qualified to do so, or play in one of the other ensembles.

Total: 72-81 credit hours

Bachelor of Music in Music Performance - Voice

To be accepted as a candidate for a B.M. in Music in Music Performance, the student must audition successfully no later than the end of the fourth semester.

Required Academic Courses: 31-34 credit hours

MUS 1070 Aural Skills I (1)	MUS 2600 Music and Culture (1)
MUS 1080 Aural Skills II (1)	MUS 2610 Music Theory III (3)
*MUS 1600 Music Fundamentals (3)	MUS 2620 Music Theory IV (3)
MUS 1610 Music Theory I (3)	MUS 3110 Music History: Ancient Through Baroque (3)
MUS 1620 Music Theory II (3)	MUS 3130 Music History: Classic Through Romantic (3)
MUS 2070 Aural Skills III (1)	MUS 4190 Music History: 20th–21st Century (2)
MUS 2080 Aural Skills IV (1)	

* MUS 1600 is required if a student does not pass the diagnostic exam for theory.

Select two courses (6 credit hours) from MUS 4640, MUS 4650, MUS 4660.

MUS 4640 Orchestration (3)	MUS 4660 Form and Analysis (3)
MUS 4650 Introduction to Composition and Arranging (3)	

Required Applied Courses: 16-20 credit hours

MUS 0710 Concert Attendance (0)	*MUS 1750-4750 Piano Proficiency (0-4)
MUS 0800 Half Recital (In Voice) AND MUS 0900 Full Recital (In Voice) (0)	**MUS 1310-4310 Applied Voice (2)

**MUS 0710 must be taken and passed for a total of 6 semesters.

**Applied lessons (MUS 1310-4310) must be taken and passed for 8 semesters: a total of 16 credit hours of Applied Voice. Therefore, continuous enrollment is required until a minimum of 16 continuous credit hours of applied lessons (C or better) is completed.

*** All music majors whose primary instrument is not piano are required to pass the piano proficiency exam to graduate. Students must enroll in the piano proficiency sequence (MUS 1750-4750) until the exam is successfully passed. Students who pass MUS 4750 (Piano Proficiency IV), but who have not

passed the piano proficiency exam must register for MUS 1770 or 1780 (Piano for Non-Music Majors/ Proficiency) until passing the piano proficiency exam.

Required Ensemble Courses: 8 credit hours (select Noblemen or Grace Notes)

MUS 3280 (1)/MUS 3290 (1) Noblemen (required for all male voice students)	MUS 3860 (1)/MUS 3870 (1) Grace Notes (required for all female voice students)
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Required Methods Courses: 10 credit hours

MUS 1650 English/Italian Diction (2)	MUS 3610 Conducting (3)
MUS 2650 French/German Diction (2)	MUS 3611 Vocal Pedagogy (3)

Note: In addition to the program requirements above, it is recommended that Music Performance majors also complete two semesters of a foreign language (French, German, or Italian 1010-1020).

Total: 65-72 credit hours

Bachelor of Music in Music Performance - Instrumental

To be accepted as a candidate for a B.M. in Music in Music Performance, the student must audition successfully no later than the end of the fourth semester.

Required Academic Courses: 31-34 credit hours

MUS 1070 Aural Skills I (1)	MUS 2600 Music and Culture (1)
MUS 1080 Aural Skills II (1)	MUS 2610 Music Theory III (3)
*MUS 1600 Music Fundamentals (3)	MUS 2620 Music Theory IV (3)
MUS 1610 Music Theory I (3)	MUS 3110 Music History: Ancient Through Baroque (3)
MUS 1620 Music Theory II (3)	MUS 3130 Music History: Classic Through Romantic (3)
MUS 2070 Aural Skills III (1)	MUS 4190 Music History: 20th–21st Century (2)
MUS 2080 Aural Skills IV (1)	

* MUS 1600 is required if a student does not pass the diagnostic exam for theory.

Select two courses (6 credit hours) from MUS 4640, MUS 4650, MUS 4660.

MUS 4640 Orchestration (3)	MUS 4660 Form and Analysis (3)
MUS 4650 Introduction to Composition and Arranging (3)	

Required Applied Courses: 16-20 credit hours

MUS 0710 Concert Attendance (0)	*MUS 1750-4750 Piano Proficiency (0-4)
MUS 0800 Half Recital (In major instrument) AND MUS 0900 Full Recital (In major instrument) (0)	**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)

**MUS 0710 must be taken and passed for a total of 6 semesters.

**Applied lessons (MUS 1140-4810) must be taken and passed for 8 semesters: a total of 16 credit hours on one instrument or voice. Therefore, continuous enrollment in the major instrument is required until a minimum of 16 continuous credit hours of applied lessons (C or better) is completed. Percussionists must complete no fewer than 12 credit hours of applied lessons, with at least 10 credit hours in applied orchestral percussion. Instrumental majors (winds, brass, and percussion) are required to participate in Athletic Bands for no fewer than two years.

*** All music majors whose primary instrument is not piano are required to pass the piano proficiency exam to graduate. Students must enroll in the piano proficiency sequence (MUS 1750-4750) until the exam is successfully passed. Students who pass MUS 4750 (Piano Proficiency IV), but who have not passed the piano proficiency exam must register for MUS 1770 or 1780 (Piano for Non-Music Majors/ Proficiency) until passing the piano proficiency exam.

Required Ensemble Courses: 8 credit hours (minimum)

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	

Note: If **Guitar Ensemble** is not offered, students may take one of the other ensembles for equal credits. Piano majors may accompany a choral ensemble for equal credits, if qualified to do so, or play in one of the other ensembles.

Required Methods Courses: 3-5 credit hours

MUS 3370 Applications of Piano Literature (2) (Piano Majors ONLY) (2)	MUS 3610 Conducting (3)
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Note: In addition to the program requirements above, it is recommended that Music Performance majors also complete two semesters of a foreign language (French, German, or Italian 1010-1020).

Total: 58-67 credit hours

Minor in Music**Required Academic Courses: 8-11 credit hours**

MUS 1070 Aural Skills I (1)	MUS 1610 Music Theory I (3)
MUS 1080 Aural Skills II (1)	MUS 1620 Music Theory II (3)
*MUS 1600 Music Fundamentals (3)	

* MUS 1600 is required if a student does not pass the diagnostic exam for theory.

Required Applied Courses: 4 credit hours

**MUS 0710 Concert Attendance (0)	**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)
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**MUS 0710 must be taken and passed for a total of 4 semesters as well as participation in required student recitals once per semester.

Required Ensemble Courses: 4 credit hours

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3860 (1)/MUS 3870 (1) Grace Notes
MUS 3280 (1)/MUS 3290 (1) Noblemen	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	

Note: No senior recital is required for the minor in music.

Total: 16 credit hours

Minor in Secondary Instrument/Voice

The minor in Secondary Instrument/Voice is available to music majors only.

Required Academic Courses: 8-11 credit hours

MUS 1070 Aural Skills I (1)	MUS 1610 Music Theory I (3)
MUS 1080 Aural Skills II (1)	MUS 1620 Music Theory II (3)
*MUS 1600 Music Fundamentals (3)	

* MUS 1600 is required if a student does not pass the diagnostic exam for theory.

Required Applied Courses: 8 credit hours

**MUS 0710 Concert Attendance (0)	**MUS 1140-4810 Applied Piano, Organ, Voice, Strings, Woodwinds, Percussion, or Brass (2)
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**MUS 0710 must be taken and passed with applied lessons (MUS 1140-4810) as well as participation in required student recitals once per semester.

Required Ensemble Courses: 4 credit hours

MUS 3260 (1)/MUS 3270 (1) Guitar Ensemble	MUS 3860 (1)/MUS 3870 (1) Grace Notes
MUS 3280 (1)/MUS 3290 (1) Noblemen	MUS 3900(1)/MUS 3910 (1) Chamber Orchestra
MUS 3480 (1)/MUS 3490 (1) Concert Band	

Note: No senior recital is required for the minor in secondary instrument/voice, however students must perform on semester student recitals and juries.

Total: 20 credit hours

Applied Music Courses - MUS

An additional fee is charged for all private music lessons (see fee schedule posted by the Office of Student Financial Services). Emphasis is on acquiring musical concepts and technical proficiency, as well as the thorough study of representative literature.

One credit is granted for successful completion of a course involving half hour lessons per week. Two credits are granted for one hour lessons each week. All music majors are required to perform in one student recital per semester. Any student that does not fulfill the recital requirement shall receive a failing grade in their applied lesson for that particular semester.

A jury examination is normally required at the end of each semester. A full recital (about sixty minutes) and a half-recital (about thirty minutes) are required of all students pursuing the B.M. in Performance. Candidates for the B.M. in Music Education are required to present a half recital. Candidates for the B.A. in Music and B.A. in Music with Concentration in Arts Management are required to present half recitals. Candidates for the B.A. in Music Composition are required to present a half recital in applied instrument or voice and a separate recital in composition.

Applied Music Courses

MUS 1140-4140 Applied Piano (2)	MUS 1410-4410 Applied Strings (2) Violin, Guitar, Viola, Cello, and Bass
MUS 1170-1180 Voice for Non-Music Majors/Voice Proficiency (1- 2)	MUS 1540-4540 Applied Woodwinds (2) Flute, Saxophone, Oboe, Bassoon, and Clarinet
MUS 1210-4220 Applied Organ (2)	MUS 1710 - 4710 Applied Percussion (2) Drumset, and Orchestral
MUS 1270-4270 Applied Composition (2)	MUS 1770-1780 Piano for Non-Music Majors/ Piano Proficiency (1- 2)
MUS 1310-4310 Applied Voice (2)	MUS 1810-4810 Applied Brass (2) Trumpet, Trombone, French Horn, Tuba, and Euphonium

Music Theory Course Descriptions

MUS 1070 AURAL SKILLS I (1)

Development of the ability to recognize and sing various intervals and rhythms by sight and sound. Students will learn to read the tonal and rhythmic language of music. Class meets two hours a week. MUS 1070 should be taken in conjunction with MUS 1610. This course is designed for music majors and minors.

Prerequisite: none

Offered: fall

MUS 1080 AURAL SKILLS II (1)

Continuation of MUS 1070. MUS 1080 should be taken in conjunction with MUS 1620.

Prerequisites: MUS 1610 and 1070 or permission of the instructor.

Offered: spring

MUS 1600 MUSIC FUNDAMENTALS (3)

A course designed to prepare students for Music Theory I. Emphasis will be placed on basic note reading skills, various clefs, basic rhythms, major and minor scales, key signatures, and simple triads. Music 1600 is an appropriate course for majors and non-majors. Music majors will be required to take this course if they do not pass the diagnostic exam for music theory (given in the fall prior to the beginning of the semester).

Offered: fall

MUS 1610 MUSIC THEORY I (3)

Theory, with emphasis on basic musical terminology, scales, intervals, rhythms, chord structures, and analysis. MUS 1070 should be taken in conjunction with this course. Non-majors by permission of instructor.

Offered: fall

MUS 1620 MUSIC THEORY II (3)

Continuation of MUS 1610. This course is offered every spring semester. MUS 1080 should be taken in conjunction with this course.

Prerequisites: MUS 1610 and 1070 or permission of the instructor

Offered: spring

MUS 1750 PIANO PROFICIENCY I (1)

This sequential series of classes is designed to prepare a student with the functional keyboard skills necessary for a career in music. These skills are assessed by means of the Piano Proficiency Exam, to be 98 taken at the end of the four- semester sequence of Piano Proficiency classes. MUS 175 should be taken in conjunction with MUS 1070 and 1610.

Offered: fall

MUS 2070 AURAL SKILLS III (1)

Continuation of MUS 1080. MUS 2070 should be taken in conjunction with MUS 2610.

Prerequisites: MUS 1620 and 1080 or permission of the instructor.

Offered: fall

MUS 2080 AURAL SKILLS IV (1)

Continuation of MUS 2070. MUS 2080 should be taken in conjunction with MUS 2620.

Prerequisites: MUS 2610 and 2070 or permission of the instructor

Offered: spring

MUS 2610 MUSIC THEORY III (3)

Theory, harmony, and analysis. MUS 2070 should be taken in conjunction with this course.

Prerequisites: MUS 1620 and 1080 or permission of the instructor

Offered: fall

MUS 2620 MUSIC THEORY IV (3)

Theory with emphasis on chromatic harmony, modulation, and twentieth century composition techniques. MUS 2080 should be taken in conjunction with this course.

Prerequisites: MUS 2610 and 2070 or permission of the instructor

Offered: spring

MUS 2750 PIANO PROFICIENCY II (1)

Continuation of MUS 1750. This course should be taken in conjunction with MUS 1080 and 1620.

Offered: spring

MUS 3650 INTRODUCTION TO MUSIC TECHNOLOGY (2)

Laboratory experience and class lecture on current music hardware and software. Students will explore various utilizations of software and technology in teaching and teaching strategies, as well as investigating the musical protocol of MIDI and basic computer/musical instrument hardware setups.

Keyboard skills are desirable. This course can be an elective course for music majors.

Prerequisite: MUS 1620 or permission of the instructor

Offered: as needed

MUS 3660 INTRODUCTION TO IMPROVISATION (2)

Learning the basics of keyboard improvisation with attention to the interpretation of various chord and melodic structures with regard to styles and voicings. This course can be an elective course for music majors.

Prerequisite: MUS 2620 and permission of the instructor

Offered: as needed

MUS 3750 PIANO PROFICIENCY III (1)

Continuation of MUS 2750. This course should be taken in conjunction with MUS 2070 and 2610.

Offered: fall

MUS 4640 ORCHESTRATION (3)

Surveys the capabilities and practical applications of band and orchestral instruments. Topics will include ranges, transpositions, blendings, arranging, and special effects. Projects will involve writing for smaller chamber groups.

Prerequisite: MUS 2620, or permission of the instructor

Offered: every third semester

MUS 4650 INTRODUCTION TO COMPOSITION AND ARRANGING (3)

Composition and arranging of music in various forms; traditional and contemporary approaches and media, including computer- assisted composition.

Prerequisite: MUS 2620, or permission of the instructor

Offered: every third semester

MUS 4660 FORM AND ANALYSIS (3)

Detailed aural and visual analysis of musical examples of the principal forms used by the important composers of the Baroque, Classical, Romantic, and Contemporary periods.

Prerequisite: MUS 2620, or permission of the instructor

Offered: every third semester

MUS 4750 PIANO PROFICIENCY IV (1)

Continuation of MUS 3750. This course should be taken in conjunction with MUS 2080 and 2620.

Students who pass MUS 4750 (Piano Proficiency IV), but who have not passed the Piano Proficiency Exam must register for MUS 1770 or 1780 (Piano for Non-Music Majors/Proficiency) until passing the Piano Proficiency Exam.

Offered: spring

Music History and Literature Course Descriptions

MUS 0710 CONCERT ATTENDANCE (0)

Music majors must attend a specified number of live musical performances each semester to successfully complete this course. Pass/fail course.

Prerequisite: none

Offered: fall and spring

MUS 1510 SURVEY OF MUSIC IN WESTERN CIVILIZATION (3)

This course fulfills the general education requirement. Development of listening ability through historical survey of Western musical development. Musical examples from Medieval through present day are utilized. No prior knowledge of music is required.

Prerequisite: none

Offered: fall and spring

MUS 1520 JAZZ AND POPULAR CULTURE (3)

This course fulfills the general education requirement. A survey course which examines the major style eras of jazz in America as well as musical/societal trends in popular culture. Listening skills are highly emphasized.

Prerequisite: none

Offered: fall and spring

MUS 2600 SURVEY OF MUSIC LITERATURE (1)

A survey course that concentrates on select pieces of literature from the European Classical tradition. Emphasis is placed on score reading and listening skills. Also stressed is an understanding of key terminology as it relates to the various periods in Western musical history. Important biographical information about composers will also be discussed. Survey of Music Literature is designed as a prerequisite for MUS 3110 and intended to be taken in the spring semester of the sophomore year

Prerequisite: MUS 1620 or permission of instructor

Offered: spring

MUS 3110 MUSIC HISTORY: ANCIENT THROUGH BAROQUE (3)

Medieval, Renaissance, and Baroque periods; the rise of new forms, and stylistic and theoretical analysis of major works. Prerequisites: MUS 1620, 2600; ENG 1010, 1020, 1040, or permission of the instructor

Offered: fall

MUS 3120 APPLICATIONS OF BAND LITERATURE (2)

One semester course designed for instrumental music education majors. The course will teach students about the varying types of wind-band literature in a historical as well as genre-based context. Course content will also cover the varying difficulty levels of band literature and the criterion for grading difficulty level.

Prerequisites: MUS 2600, 3110, and 3130, or permission of the instructor

Offered: as needed

MUS 3130 MUSIC HISTORY: CLASSICISM THROUGH ROMANTIC (3)

1750 to 1900 with stylistic and theoretical analysis of major works.

Prerequisites: MUS 1620, 2600, 3110; ENG 1010, 1020, or 1040, or permission of the instructor

Offered: spring

MUS 3370 APPLICATIONS OF PIANO LITERATURE (2)

One semester course designed for music majors whose main instrument is piano. The course will allow piano majors the opportunity to study keyboard music in greater detail than in music history courses, and in greater breadth than applied piano lessons. Students will trace histories of literature, musical forms, and performance practices of solo keyboard music.

Prerequisites: MUS 2600, 3110, and 3130, or permission of the instructor

Offered: as needed

MUS 3400 APPLICATIONS OF CHORAL LITERATURE (2)

One semester course designed to survey choral music literature from the perspective of historically significant masterworks by genre and the utilitarian perspective of appropriateness for particular types of ensembles. The student will learn to apply analytical and historical knowledge to curriculum development, lesson planning, and daily classroom and performance activities. It is suggested that Music Performance majors take this course as part of their General Elective requirement.

Prerequisites: MUS 2600, 3110, and 3130, or per instructor permission

Offered: fall

MUS 3850 INDEPENDENT STUDY IN MUSIC (1-3)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major.

Prerequisites: Approval by the faculty advisor, the supervising professor, and the division head, before approval by the Provost. Credits to be determined.

Offered: as needed

MUS 4000 SELECTED TOPICS IN MUSIC (2-3)

Special courses offered periodically.

MUS 4020 JAZZ FOR THE MUSIC MAJOR (3)

Course is designed to offer majors the chance to study jazz at a detailed level of inquiry and to provide a viable elective within the major. It is not a required course for majors but may be taken for credits from an approved list of electives. The course is listening/discussion based, focused on the origins of jazz, various style periods and representative musicians, and the history of recorded media/technology.

Prerequisite: none. (Suggested courses taken prior to are MUS 2610, 2620, and 2600)

Offered: as needed

MUS 4190 MUSIC HISTORY: 20th–21st CENTURY (2)

This course will identify and analyze the various musical and compositional styles throughout the 20th and 21st century (post WW II), including prominent composers, compositional styles, and analysis of specific works. This course will also survey various jazz as well as non-western styles – especially those of the Far East and Asiatic countries. This course is designed as the final segment of the Music History component and is intended to be taken in the senior year.

Prerequisites: MUS 3110 and 3130, or permission of the instructor

Offered: fall

Music Education and Methods Course Descriptions**MUS 1090 PRELUDE TO MUSIC EDUCATION (2)**

The course is designed to provide the student with an overall understanding of the music education profession. Special emphasis will be on basic teaching strategies, philosophies, and techniques; an overview of music teaching as a career; diversity, integration, curriculum technology, classroom

management, legal issues, personal skills, and the building of the music education portfolio. Fifteen (15) field observation hours are required throughout the K-12 licensure (elementary, middle, and high school).

Prerequisites: MUS 1070, 1080, 1610, 1620, 2070, and 2610

Offered: spring

MUS 2090 ELEMENTARY MUSIC METHODS (2)

The course is a survey of methods in teaching general music to children in grades K-6. Special focus will be on better understanding how a student's musical skills and understanding establish a foundation for continued development of the following areas as they relate to elementary teaching: lesson and unit planning, singing, playing instruments, music listening, moving to music, characteristics of children at various developmental stages, demonstrating knowledge of materials that may be used in planning music activities such as children's reading/literacy, music literacy, music literature, and technology. Fifteen (15) field observation hours are required as well as two (2) teaching experiences.

Prerequisites: MUS 1090, or permission of the instructor

Offered: fall

MUS 2190 SECONDARY MUSIC METHODS (2)

The course is designed to provide the student with competencies needed for effectively teaching 6-12 grade. The course is designed to provide experiences in synthesizing previously learned competencies and skills, as well as to specifically address lesson/rehearsal planning, overt development of a music program, establish a philosophy of music education, administrative issues surrounding music literature (library creation, budgets, PR, etc.), and demonstrate knowledge of materials that may be used in researching issues concerning music education. Fifteen (15) field observation hours are required as well as two (2) teaching experiences. It must be taken prior to the student's application to the Education Program and EDU 3420.

Prerequisites: MUS 2090 or permission of the instructor

Offered: spring and coordinated with EDU 2420

MUS 3010 STRING TECHNIQUES (1)

Methodology of teaching stringed instruments for students seeking teacher licensure. Each student learns to demonstrate characteristic tone quality and elementary technique on at least one stringed instrument. Prerequisite: none Offered: fall

MUS 3020 STRING INSTRUMENT PEDAGOGY (2)

This course is designed to prepare students to teach private lessons in violin, viola or cello from beginning through early advanced levels. The course addresses teaching principles of a wide range of contemporary pedagogues, including Shinichi Suzuki, Ivan Galamian and Kato Havas.

Prerequisite: none

Offered: as needed

MUS 3030 WOODWIND TECHNIQUES (1)

Methodology of teaching woodwind instruments for students seeking teacher licensure. Each student learns to demonstrate characteristic tone quality and elementary technique on each woodwind instrument.

Prerequisite: none

Offered: fall

MUS 3040 BRASS TECHNIQUES (1)

Methodology of teaching brass instruments for students seeking teacher licensure. Each student learns to demonstrate characteristic tone quality and elementary technique on each brass instrument.

Prerequisite: none

Offered: spring

MUS 3070 PERCUSSION TECHNIQUES (1)

Methodology of teaching percussion instruments for students seeking teacher licensure. Each student learns to demonstrate characteristic elementary techniques on each percussion instrument.

Prerequisite: none

Offered: spring

MUS 3610 CONDUCTING (3)

Introduction to conducting techniques with emphasis on practical application to vocal and instrumental groups. Issues regarding posture, use of three-dimensional planes, non-verbal communication, conducting of simple, compound, and complex meters, and Laban techniques are examined.

Prerequisite: MUS 2620, and MUS 2080 or permission of instructor

MUS 3611 VOCAL PEDAGOGY (3)

Emphasis on vocal anatomy, physiology, and maturation of, and teaching techniques for, the singing voice. Designed for the B.M. in Vocal Performance but open to all interested students.

Prerequisite: none

Offered: spring

MUS 4090 PIANO PEDAGOGY (3)

Materials and methods for teaching beginning piano through intermediate and early advanced levels with emphasis on notation, scales, technique, style, and interpretation. Students observe private and group instruction and are supervised in the teaching of beginning piano students.

Prerequisite: permission of the instructor

Offered: as needed

Ensemble Course Descriptions**MUS 3260-3270 GUITAR ENSEMBLE (CLASSICAL and JAZZ/CONTEMPORARY) (1)**

Rehearsal and performance of guitar literature of various periods, meeting twice weekly. Days and times of the rehearsals are arranged at the beginning of each semester. As enrollment allows, there will be a Jazz and Contemporary Guitar section. Each student is responsible for appropriate performance attire. Fulfills the General Education requirement when taken for three semesters.

Prerequisite: MUS 1250, or permission of the instructor

Offered: fall and spring

MUS 3280-3290 THE NOBLEMEN (MEN'S CHORUS) (1)

The Noblemen is open to all men in the university community from all disciplines who love to sing and enjoy camaraderie through great music. Music from every music epoch will be performed from serious to more pop/ contemporary a cappella forms. Fulfills the General Education requirement when taken for three semesters.

Prerequisite: none

Offered: fall and spring

MUS 3480-3490 CONCERT BAND (1)

This ensemble plays a variety of concert band/wind band literature from throughout the 20th century. The band will perform at least two concerts and the MU Graduation ceremony each term. Fulfills the General Education requirement when taken for three semesters.

Prerequisite: none

Offered: fall and spring

MUS 3860-3870 GRACE NOTES (WOMEN'S CHORUS) (1)

The Methodist University Women's Chorus is open to all women of the university community with students from all disciplines who love to sing and enjoy camaraderie through great music. It is intended to provide a foundation in vocal technique while achieving a high standard of excellence in repertoire selected from all periods and musical styles. Fulfills the General Education requirement when taken for three semesters.

Prerequisite: none

Offered: fall and spring

MUS 3900-3910 CHAMBER MUSIC (1)

This ensemble studies unique smaller, chamber works and arrangements for string, brass, woodwind, and keyboard instruments. The ensemble is open to non-music majors and fulfills the General Education requirement when taken for three semesters. Prior to enrollment, the department chair must approve the ensemble and an approved faculty member must act as the director.

Offered: fall and spring

MUS 3980-3990 JAZZ ENSEMBLE (1)

Rehearsal and performance of works and arrangements for brass, woodwind, keyboard, and percussion instruments. Meets twice weekly. The ensemble is open to non-music majors. Fulfills the General Education requirement when taken for three semesters.

Prerequisite: none

Offered: fall and spring

Other Music Course Descriptions**MUS 0800 HALF RECITAL (0)**

Music majors enroll in this course the semester their half recital is officially scheduled with the music department. To fulfill requirement the student must obtain pre-approval to schedule from their applied teacher and arrange a pre-recital hearing with music faculty. Student must successfully perform the recital in the semester which it is scheduled. Pass/fail course.

Prerequisite: to be performed in junior or senior year (exceptions to this are approved through applied teacher)

Offered: fall and spring

MUS 0900 FULL RECITAL (0)

Music majors enroll in this course the semester their full recital is officially scheduled with the music department. To fulfill requirement the student must obtain pre-approval to schedule from their applied teacher and arrange a pre-recital hearing with music faculty. Student must successfully perform the recital in the semester which it is scheduled. Pass/fail course.

Prerequisite: to be performed in junior or senior year (exceptions to this are approved through applied teacher)

Offered: fall and spring

MUS 1050-4060 OPERA WORKSHOP (1)

Study through rehearsal and performance of operatic literature and other works for the musical stage.

Prerequisite: none

Offered: as needed

MUS 1110-1120 VOICE CLASS FOR NON-MUSIC MAJORS (2)

Designed for the student who chooses not to major in music, but who loves to sing. No previous experience required. Participants will learn about vocal production and technique and sing in a variety of styles.

Prerequisite: none

Offered: fall and spring

MUS 1250 INTRODUCTION TO CLASSICAL GUITAR TECHNIQUE AND LITERATURE (2)

In a classroom setting, students will be introduced to beginning technique for the classical guitar.

Purchase or rental of a guitar and footstool are required.

Prerequisite: as needed

MUS 1650 DICTION FOR SINGERS: ITALIAN AND ENGLISH (2)

Diction in the four major languages of Western music. Taken in conjunction with applied voice. Required of Voice Performance and Education majors.

Prerequisite: none

Offered: spring

MUS 2650 DICTION FOR SINGERS: GERMAN AND FRENCH (2)

Diction in the four major languages of Western music. Taken in conjunction with applied voice. Required of Voice Performance majors.

Prerequisite: none

Offered: fall

MUS 3880 MANAGEMENT AND THE ARTS (3)

Focuses on the challenges facing managers and arts organizations. Investigation of practical applications from all management perspectives, including planning, marketing, finance, economics, organizational, staffing, and group dynamics all related to an arts organization. Required of Arts Management majors.

Prerequisites: ARH 1510, THE 1620, ACC 1510 BUS 2160, BUS 1700, and MKT 1510 or permission of the instructor.

Offered: as needed

Minor in Theatre**Required Academic Courses: 15 credit hours**

*THE 1010 Practicum/Acting I (1)	*THE 2010 or 2030 Practicum II (1)
*THE 1030 Practicum/Stage I (1)	THE 3650 Acting I (3)
THE 1630 Stagecraft (3)	THE 3660 Acting II (3)

* Participation in 3 separate performances; one must be 'on stage', one must be 'backstage', and the other is student choice.

Total: 15 credit hours

Theatre Course Descriptions

THE 1010-1020, 2010-2020, 3010-3020, 4010-4020 THEATRE PRATICUM (1 credit hour per course)

Practical application of performance tools such as character analysis, scene study, stage speech, improvisation, dialects, pantomime, clowning, and/or period styles will be dealt with as dictated by the needs of the specific production. These courses are offered every spring and fall semester. Partially fulfills the Fine Arts requirement in the Core Curriculum (three iterations would be needed for complete fulfillment). Prerequisite: the student must audition for and be cast in an MU Theatre Department production before registering for the course. (Since auditions are held at various times throughout the year, this course can be added at dates past the normal drop-add period.)

THE 1030-1040, 2030-2040, 3030-3040, 4030-4040 THEATRE PRACTICUM (1 credit hour per course)

A minimum of 30 hours of work as a technician on Theatre Department productions. Practical application of stagecraft techniques used in scenery, lighting, costumes, properties, makeup, and/or sound will be dealt with as dictated by the needs of the specific production. May be taken eight times. These courses are offered every spring and fall semester. Partially fulfills the Fine Arts requirement in the Core Curriculum (three iterations would be needed for complete fulfillment). Prerequisite: the student must clear an assignment with the Theatre Department Technical Director before registering for the course. (Since auditions are held and crew assignments are made at various times throughout the year, this course can be added at dates past the normal drop-add period.)

THE 1620 SURVEY OF THEATRE (3)

Develops an appreciation of theatre for audiences with emphasis on theatre crafts, styles, and modes. Students must attend at least two theatrical productions.

Prerequisite: none

Offered: fall and spring

THE 1630 BASIC STAGECRAFT (3)

A practical course devoted to the crafts of theatre production with emphasis on costuming, lighting, makeup, properties, scenery, and sound effects. Students must attend at least two theatrical productions and should be prepared to commit to 10 hours of work outside of class working as crew for Methodist University productions.

Prerequisite: none

Offered: fall and spring

THE 2000 PRACTICING CREATIVITY (3)

An exploration of the development of creativity as a habit and not as dependent upon inspiration. Students will engage in exercises from required texts, as well as some activities from other works on creativity. As such, this is a course in which the majority of writing will be in the form of journaling. While “play” is involved, it is purposeful in nature, and intentional involvement with the exercises is expected.

Prerequisite: none

Offered: as needed

THE 3110 THEATRICAL HISTORY AND LITERATURE I (3) (GP)

The development of theatre and drama from the Greeks to the Seventeenth Century. Emphasis will be placed on dramatic texts as an integral component of theatrical production and how the relationship between text and production has developed over time.

Prerequisite: completion of core requirements in English or permission of instructor

Offered: fall (even years)

THE 3650 ACTING I (3)

Acting crafts with emphasis on performance.

Offered: fall (odd years)

THE 3660 ACTING II (3)

Advanced acting with an emphasis on acting styles.

Prerequisite: THE 3650 or permission of the instructor

Offered: spring (even years)

COMMUNICATION, COMPOSITION, AND RHETORIC

COMMUNICATION AND MEDIA (B.A.)

In the B.A. in Communication and Media, students will develop knowledge of the theories and practices of communication, rhetoric, and media production. Students will develop critical media literacies and technical skills to communicate in and across various modalities, media formats, and platforms. Students will also develop competencies for effective interpersonal, organizational, professional, public, political, and intercultural communication. The required courses and electives within this degree plan reflect the broad nature of these fields, allowing students to specialize in specific or emerging areas.

Bachelor of Arts in Communication and Media

Foundation and Theory Courses: 15 credit hours

CME 1050 Introduction to Communication and Media (3)	CME 2000 Rhetorical Theory and Practice (3)
CME 1080 Critical Media Literacies (3)	CME 2800 Communication and Media Theory (3)
CME 1500 Introduction to Interpersonal Communication (3) or CME 1510 Speech Communication (3)	

Communication Practice Courses: 12 credit hours

CME 2540 Strategic Communication (3)	CME 3600 Exploring Cross Cultural Communication (3)
CME 3110 Law and Ethics in Communication (3)	CME 3800 Qualitative Research Methods (3)

Communication Practice Specialization Courses: 3 credit hours

Select one elective course (3 credit hours) from the following list:

CME 3070 Journalism (3)	CME 3530 Desktop Publishing (3)
ENG 3210 Technical Writing (3)	MKT 3800 Advertising and Promotion (3)
CME 3350 Public Relations (3)	

Communication Leadership and Advocacy Courses: 3 credit hours

Select one elective course (3 credit hours) from the following list:

CME 3900 Collaborative Communication (3)	LSS 3250 Theories and Techniques of Leadership (3)
LSS 3000 Principles of Leadership (3)	

Media Practice Courses: 10 credit hours

CME 2570 Digital Media Writing I (3)	CME 2600 Audiovisual Practicum (1)
CME 2580 Audiovisual Production (3)	CME 3080 Social and Interactive Media (3)

Media Practice Specialization Courses: 3 credit hours

Select one elective course (3 credit hours) from the following list:

ART 3010 Photographic Media I (3)	CME 3060 Computer Generated Graphics/Animation (3)
CME 3020 Advanced Audio Production (3)	CME 3410 Content Management and Web Design (3)
CME 3030 Advanced Video Production (3)	

Student Directed Interest Courses: minimum 3 credit hours

CME 4210 Internship: Communication and Media (1-5)	CME 4990 Independent Study in Communication and Media (1-3)
CME 4850 Special Topics in Communication and Media (3)	IDS 4550 Study Abroad (1-3)

Professionalization Course: 1 credit hour

CME 4700 Senior Seminar (1)

Total: 50 credit hours

Communication and Media Course Descriptions - CME**CME 1050 INTRODUCTION TO COMMUNICATION AND MEDIA (3)**

formerly COM 1050

Covers the basics of communication and theory, and how these theories apply to contemporary culture. Discusses the historical development of a wide variety of communication media. Provides an understanding of how these are regulated within the United States and throughout the world. This course gives students the necessary foundation for further study and makes them more critical consumers of the media.

Prerequisite: none

Offered: fall

CME 1080 Critical Media Literacies (3)

This course will train students to develop critical media literacy skills, the ability to analyze media messages deeply and interrogate how they connect to and reproduce social systems of power. By taking this course, students will become a more engaged and reflective media consumer. They will understand how ideas are created, circulated, and transformed through the media. In addition, they will be able to identify credible, non-credible, and biased sources of information.

Prerequisite: none

Offered: spring

CME 1500 INTRODUCTION TO INTERPERSONAL COMMUNICATION (3)

formerly ACL 1500

This course teaches the fundamental elements of communication -- what communication is, how it works, and how it relates to your life. It examines different types of relationships and how they are developed, situating communication as fundamental to relationship development. Students will learn and improve upon social skills, including foundations in intercultural communication, conflict communication, and collaborative communication.

Prerequisite: none

Offered: fall, spring

CME 1510 SPEECH COMMUNICATION (3)

formerly ACL 1510

This course provides practical opportunities to develop skills in public speaking through the development, organization, preparation, and delivery of speeches. It also examines how feedback, perception, and individual's belief, attitude, value system, nonverbal and verbal signals, and biased language influence communication. Students develop active listening skills and practice principles of ethical communication throughout the course.

Prerequisite: none

Offered: fall, spring

CME 2000 RHETORICAL THEORY AND PRACTICE (3)

formerly ACL 2000/ACL 3000

This course surveys rhetorical texts beginning with classical rhetoric and working through modern, post-modern, and contemporary rhetorics. It focuses on texts that are both traditional and non-traditional, including the studying of several sub-fields in rhetoric, such as cultural and global rhetorics, feminist rhetorics, and digital rhetorics. This course will introduce students to a wide array of rhetorical practices, theories, and traditions that undergird current conversations in the larger field of Rhetoric, making them to be more critical consumers and producers of information.

Prerequisite: none

Offered: spring

CME 2540 STRATEGIC COMMUNICATION (3)

formerly ACL 2540/ACL 3540

This course applies current Strategic Communication theory and practices to relevant cases in modern organizations. Publicity, branding, social media, PR writing, celebrity, crisis management, event planning, campaigns, ethics, public opinion are explored in relation to organizational stakeholders within and without various types of organizations.

Prerequisite: none

Offered: spring

CME 2570 DIGITAL MEDIA WRITING I (3)

formerly COM 2570

This course focuses on developing content for our contemporary media landscape, including gathering information and / or news stories, storytelling, enacting organization and principles of information design, and publication. Experience will be gained through practice in writing and reporting techniques for online publication, print, broadcast, and social media.

Prerequisite: none

Offered: fall

CME 2580 AUDIOVISUAL PRODUCTION (3)

formerly COM 2580

Covers the fundamentals of audiovisual production and the technology involved, the planning processes of producing any media product, and the stages of production. Specifically, this course will help the student to understand specific production techniques, writing for producing audiovisual content, the industry, and issues related to the industry.

Prerequisite: CME 1050

Corequisite: CME 2600

Offered: spring

CME 2600 AUDIOVISUAL PRACTICUM (1)

formerly COM 2600-2670

This course is offered as a co-requisite to students enrolled in audiovisual production. In this course, students will gain hands-on practice capturing, editing, and producing audiovisual content. The course will emphasize the most recent techniques and technologies in audiovisual production. The course is repeatable up to three times.

Prerequisite: none

Corequisite: CME 2580

Offered: spring

CME 2800 COMMUNICATION AND MEDIA THEORY (3)

formerly COM 2800

This course examines both theoretical and methodological approaches to the field of communication media to include media history; media economics and policy; media effects and power; media as producers of meaning; media audiences; media technologies; and roles of the media in social, cultural, and political change. Students will develop an understanding of our contemporary media landscape and develop strategies for analyzing media messages.

Prerequisite: none

Offered: fall

CME 3020 ADVANCED AUDIO PRODUCTION (3)

formerly COM 3020

This course covers the fundamentals of audiovisual production and the technology involved, the planning processes of producing any media product, and the stages of production. Specifically, this course will help the student to understand specific production techniques, writing for producing audiovisual content, the industry, and issues related to the industry.

Prerequisite: CME 1050

Offered: fall, every other year

CME 3030 ADVANCED VIDEO PRODUCTION (3)

formerly COM 3030

This course covers the fundamentals of video production and the technology involved, the planning processes of producing any media product, and the stages of production. It will introduce students to the planning processes of producing any media product, the stages of production, and the standards for evaluating the finished program. We will explore both single camera and multi-camera television applications as well as potential new approaches for the production and distribution of video.

Prerequisite: CME 1050

Offered: fall, every other year

CME 3060 COMPUTER GENERATED GRAPHICS AND ANIMATION (3)

formerly COM 3060

This course focuses on the histories of computer graphics and animation, examining critical issues in these areas today. Considers what it means to translate objects from the physical to digital, how bodies exist in digital spaces and become represented by computer graphics, what are the ethical boundaries that should guide the production of computer graphics, and what aesthetic concerns shape the production of computer graphics. Students will develop basic skills in developing computer graphics and animation. No prior experience is required.

Prerequisite: none

Offered: spring, every other year

CME 3070 JOURNALISM (3)

formerly COM 1070

Journalism is a survey course designed to introduce students to the history, fundamentals, and future of journalism. This course focuses on a chronological study of journalism, the basics of telling a story and distinctions between credibility, entertainment, and opinion. Students will apply theories of journalism to their practice, developing relevant and ethical news content for audiences. Students will gain experience in current modalities and formats for conveying the news.

Prerequisite: CME 1050

Offered: fall, every other year

CME 3080 SOCIAL AND INTERACTIVE MEDIA (3)

This class takes a critical approach to understanding contemporary uses of social and interactive media. The course will explore the development of social media by situating it within social, political, economic, historical, and industrial contexts. Students will understand key theories, laws, and ethical guidelines, from the fields of communication and media, that shape the production of social and interactive content. They will additionally learn best practices for planning campaigns, creating and publishing content, reaching audiences, and assessing their goals.

Prerequisite: CME 1050

Offered: spring

CME 3110 LAW AND ETHICS IN COMMUNICATION (3)

formerly COM 3110

This course examines use cases to facilitate the student's understanding of communication law and the ethics that govern professional practice. Key topics addressed are the communicator's role in social change and ethical decision-making in the face of political, social, and economic pressures. Students will develop knowledge of the philosophies informing ethical decision making. They will also develop an understanding of legal concepts, such as: constitutional guarantees, libel, accessibility, invasion of privacy, contempt, qualified privilege, copyright, and government regulatory agencies.

Prerequisite: CME 1050

Offered: fall

CME 3350 PUBLIC RELATIONS (3)

formerly COM 3350

This course examines theories and practices relevant to public relations. It offers an examination of communication channels and media used for writing in public relations. Students focus on journal writing that involves the creation, development, planning, and processes affecting organizations, and public opinion. Ethics and laws affecting the practice of public relations are examined.

Prerequisite: none

Offered: spring, every other year

CME 3410 CONTENT MANAGEMENT AND WEB DESIGN (3)

formerly COM 3410

This course focuses on the publication of online content. The course discusses the history and development of the Internet itself, the rise of the HTML format and JAVA scripting for Web publishing, and how other Internet resources interface with this language. Students learn to create web pages, design websites, and make use of content management systems. Finally, students study trends in information design and user-centered design.

Prerequisite: none

Offered: spring, every other year

CME 3530 DESKTOP PUBLISHING (3)

formerly COM 3530

Serves as an introduction to the fundamentals of desktop publishing in the context of corporate communications. This course provides students with an understanding and an appreciation of how audio/visual materials can be used to communicate messages and concepts routinely used in the business world. These messages include print-based newsletters, electronic presentations, and the rudiments of Internet Web page design. The class also discusses the basics of computer filing and routine applications and skills.

Prerequisite: none

Offered: spring, every other year

CME 3600 EXPLORING CROSS CULTURAL COMMUNICATION (3)

formerly ACL 3600

This course examines the complex relationship between communication and culture including major domains such as recognition of cross-cultural dynamics, broadening of cultural experiences, cultural sensitizing, and skill building for effective communication with people of diverse cultures as well as a variety of sub-cultural groups in the United States. Attention is also given to the formation of one's worldview.

Prerequisite: none

Offered: spring

CME 3800 QUALITATIVE RESEARCH METHODS (3)

This course introduces students to processes for designing empirical research studies. Students will survey qualitative methods and techniques, used in the field of communication (but which will also be relevant to other fields), including ethnography, surveys, case studies, and user experience studies. Attention will be paid to ethical research design. The course will also provide critical discussions on topics, such as: balancing transparency with confidentiality, parasitic/parachute research, participant compensation, and diverse knowledge traditions.

Prerequisite: none

Offered: fall

CME 3900 COLLABORATIVE COMMUNICATION (3)

formerly ACL 3900

This course examines communication theories, issues, and practices applicable to working effectively in interpersonal and group contexts. Topics covered include the decision-making process, leadership/followership, trust, conflict and cohesiveness, relationship building and maintenance, communication culture, and problem solving.

Prerequisite: none

Offered: fall, every other year

CME 4210 INTERNSHIP IN COMMUNICATION AND MEDIA (1-5)

formerly COM 4210

Experiential learning through placement with local media and other community agencies. Weekly written reports and contact with the instructor are required.

Prerequisite: none

Offered: by request

CME 4700 SENIOR SEMINAR (1)

formerly COM 4700

Prerequisite: none

Offered: fall

CME 4850 SPECIAL TOPICS IN COMMUNICATION AND MEDIA (3)

formerly COM 4850

Concentrates on unique and in-depth study of topics related to the fields of communication and media. May involve research, travel, or other forms of experiential learning.

Prerequisite: none

Offered: TBA

CME 4990 INDEPENDENT STUDY IN COMMUNICATION AND MEDIA (1-3)

formerly COM 4990

Offers an opportunity for a well-qualified, upper-division student to engage in special research in their major. Requires approval by the faculty advisor, the supervising professor, the division head, and the Executive Vice President for Academic Affairs.

Prerequisite: none

Offered: by request

COMPOSITION AND RHETORIC

First-Year Writing

All students at Methodist University are required to complete the composition sequence:

- ENG 1010
and
- ENG 1040

Incoming students who feel they need extra support in the classroom should register for ENG 1010-WL, which contains a writing lab component.

Minor in Writing

Students must select and complete a total of 21 credit hours in any writing courses above ENG 1040, with at least two courses at the 3000 level or above.

Composition and Rhetoric Course Descriptions - ENG

ENG 1010 COMPOSITION (3)

ENG 1010 will introduce students to and focus on the development of critical reading, composing, thinking, and listening. This course is grounded in an understanding of texts and discourses with a rhetorical focus. This course does not center solely on traditional essay forms but may include them. Students might compose in public facing, social media, research, advocacy, and professional genres as well. Supporting work/practice across all these activities is: inquiry, peer work/review, reflection.

Offered: fall and spring

ENG 1040 COMPOSITION AND RHETORIC (3)

English 1040 builds on the work of English 1010 to provide students with greater breadth of composing experiences across modes and genres. This course specifically focuses on knowledge creation through primary research appropriate for first-year students. The work of the class is a series of student-directed research-based projects. Each project is student directed, based on their interests, research questions, experiences, and their composing, learning and design goals. Sustained practice across this section includes the following: diverse information gathering strategies, organization, and analysis; inquiry, attention to rhetorical situation, language, peer review practices, and critical thinking, listening, and reflection.

Prerequisite: ENG 1010

ENG 3201 BUSINESS WRITING (3)

Practical written business communications – letters, memoranda, reports, proposals, and resumes. One hour of CAC lab per week at discretion of instructor. Creditable to one program only: Business, English, Mass Communications, or Writing

Prerequisites: ENG 1010, 1040

Cross-listed with BUS 3201

Offered: spring

ENG 3210 TECHNICAL WRITING (3)

Development of writing skills necessary in technical and scientific fields. One hour of CAC lab per week at discretion of instructor.

Prerequisite: ENG 1040

Offered: as needed

HUMANITIES

ENGLISH (B.A.)

Mission

Students in the English program engage the world through literature, language, and culture, enrich their own writing and cultural proficiency, improve their own versatility and marketability for post graduate learning and careers, and empower others to do the same.

Learning Outcomes

- Read and critically analyze a variety of written and multimedia texts, with particular focus on storytelling elements, gender, culture, rhetoric, genre, time period, and other contexts appropriate to each course.
- Identify, evaluate, and locate appropriate and reliable research sources, and apply that scholarly research to a variety of texts.
- Develop an effective critical voice, in writing and presentation, through the synthesis of research and analysis, using thesis-driven argument.
- Recognize the breadth of interdisciplinary connections to the field of English studies and identify how those connections can be applied to potential postgraduate career paths and a future of lifelong learning.

The English program, along with the Education Department, offers a concentration in middle grade (6-9) English Language Arts as well as a concentration in English Education Grades 9-12. See Education Department listing for specific program and licensure requirements.

Bachelor of Arts in English

Leadership and Ethical Professionalism in Literature Course: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 2420 Love in Literature (3)	ENG 2460 Work and the Workplace in Literature (3)
ENG 2440 Legal Studies in Literature (3)	

Science and The Natural World in Literature Course: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 2410 Death and Dying in Literature (3)	ENG 2450 Science in Literature (3)
ENG 2430 The Natural Environment in Literature (3)	

Effective Communication and Interdisciplinary Writing Electives Courses: 9 credit hours

Select three courses (9 credit hours) from the following list:

ENG 2240 Creative Writing (3)	ENG 3240 Advanced Creative Writing (3)
ENG 3201 Business Writing (3)	Any Foreign Language (3-6)
ENG 3210 Technical Writing (3)	LAW 3200 Legal Research and Writing (3)
ENG 3220 Advanced Grammar (3)	

Creative Problem Solving: Literature of Social Justice Course: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 3540 American Identity in Literature (3)	ENG 3920 Victorian Literature: Social Justice & Industry in the 19 th Century (3)
ENG 3560 Social Justice and Literature (3)	

Socially Responsible Citizenship: Literature of Diversity, Equity, and Inclusion: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 3420 Women's Literature (3)	ENG 3530 The Literature of Slave Narratives (3)
ENG 3500 African American Literature (3)	

Lifelong Learning: Thinking Beyond the Norm: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 3310 Gothic Literature & Film (3)	ENG 3550 Speculative Literature (3)
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Critical Thinking and Analysis: Interdisciplinary Approaches: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 3710 Literature of Chaucer (3)	ENG 3750 Literature of Jane Austen
ENG 3740 Literature of Shakespeare (3)	ENG 3760 Literature of Charles Dickens

Critical Thinking and Analysis: Interdisciplinary Ideas: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 3020 Modernist Literature (3)	ENG 3520 Global Perspectives in Literature (3)
ENG 3030 Contemporary Literature (3)	ENG 3730 Literature of Medieval England (3)

Experiential Learning and Capstone: 6 credit hours

ENG 4160 English/Writing Internship (1-3) <i>A total of 3 credit hours of Internship must be earned to meet this requirement.</i>	ENG 4550 Senior Seminar in Literary Studies (3)
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Total: 36 credit hours

Minor in English

21 credit hours in General English (any departmental courses above ENG 1040, with at least two courses at the 3000 level or above)

Literature (any literature courses above ENG 1040, with at least two courses at the 3000 level or above)

English Course Descriptions - ENG

ENG 2240 CREATIVE WRITING (3)

This course is an examination of a particular genre of creative writing (fiction, poetry, memoir, screenwriting, etc.). Students will hone their craft in a workshop setting, including understanding genre conventions, exploring sources on writing, critiquing and being critiqued, and deepening understanding of themselves as writers.

Prerequisite: ENG 1040 or instructor permission

Offered: fall

ENG 2410 DEATH AND DYING IN LITERATURE (3)

Mortality is the common condition of all humanity. How humans cope with death and dying—both their own and other people’s—is as diverse as humanity itself. This course explores death, dying, and the responses to it across multiple time periods, languages, and/or cultures. A variety of texts, including poetry, short fiction, novels, drama, essays, non-fiction, and film and television may be included.

Prerequisite: ENG 1040

Offered: fall or spring

ENG 2420 LOVE IN LITERATURE (3)

Love is a common condition of humanity across time and culture. How we love; who we love; what love is; are questions that concern all people. This course explores love in its many forms: romantic, familial, companionate, etc. across multiple time periods, languages and/or cultures. A variety of texts, including poetry, short fiction, novels, drama, essays, non-fiction, and/or film and television may be included.

Prerequisite: ENG 1040

Offered: fall or spring

ENG 2430 THE NATURAL ENVIRONMENT IN LITERATURE (3)

The natural environment has been a constant source of inspiration for humans since before written language first developed. From prehistoric cave paintings to ancient epic poetry, to current “green” initiatives and ecocriticism, the effects of the natural environment on humans and the effects of humans on the natural environment all have wide-ranging implications. This course explores the natural environment in terms of those effects, across multiple time periods, languages and/or cultures. A variety of texts, including poetry, short fiction, novels, drama, essays, non-fiction, and/or film and television may be included.

Prerequisite: ENG 1040

Offered: fall or spring

ENG 2440 LEGAL STUDIES IN LITERATURE (3)

Lawyers, judges, clerks, politicians, criminals, prison workers, and the settings in which they work and live will provide the subject matter for this course. Legal documents, materials, and precedents will be explored, as this course explores the legal in works across multiple time periods, languages and/or cultures. A variety of texts, including poetry, short fiction, novels, drama, essays, non-fiction, and/or film and television may be included.

Prerequisite: ENG 1040

Offered: fall or spring

ENG 2450 SCIENCE IN LITERATURE (3)

Disease, medicine, and health workers (including doctors, nurses, psychiatrists, etc.) have provided the subject matter and characters in a broad range of texts, this course explores the health sciences in

works across multiple time periods, languages, and/or cultures. A variety of texts, including poetry, short fiction, novels, drama, essays, non-fiction and/or film and television may be included.

Prerequisite: ENG 1040

Offered: fall or spring

ENG 2460 WORK AND THE WORKPLACE IN LITERATURE (3)

Whether it be in the office, in the factory, at home, or on the farm, work is an important part the human experience. This course explores literary perspectives on work across multiple time periods, languages and/or cultures. A variety of texts, including poetry, short fiction, novels, drama, essays, non-fiction, and/or film and television may be included.

Prerequisite: ENG 1040

Offered: fall or spring

ENG 2850 SPECIAL STUDIES IN ENGLISH (3)

To be determined. In-depth study involving research or research/travel and writing.

Prerequisite: permission of the division head

Offered: as needed

ENG 2950 STUDY ABROAD (1-3) (GP) The academic side of a Study Abroad trip, the course includes readings and written assignment in support of the academic goals of the trip and in line with the academic goals of the English department. Credit hours available at the discretion of the instructor.

Prerequisites: Permission of the Instructor.

ENG 3020 MODERNIST LITERATURE (3) (GP)

formerly ENG 4020

British and American fiction, drama, and/or poetry from the early twentieth century, emphasizing principal trends and representative works.

Prerequisite: ENG 1040

Offered: spring (even years)

ENG 3030 CONTEMPORARY LITERATURE (3) (GP)

formerly ENG 4030

Fiction, drama, and/or poetry written since World War II, emphasizing principal trends and representative works.

Prerequisite: ENG 1040

Offered: spring (odd years)

ENG 3220 ADVANCED GRAMMAR (3)

The history of the English language; an analysis of the structure of English grammar: sounds, parts of speech, sentence patterns, prose style, and the new grammars.

Prerequisite: ENG 1040

Offered: fall (even years)

ENG 3240 ADVANCED CREATIVE WRITING (3)

This course is an advanced study of a particular genre of creative writing (fiction, poetry, memoir, screenwriting, etc.). Students will focus on the completion of a major project with an eye toward submission for publication. In a workshop setting, students will critique and be critiqued with an emphasis on developmental revision.

Prerequisites: ENG 2240 or permission of the instructor

Offered: spring

ENG 3310 GOTHIC LITERATURE & FILM (3)

This course will focus on classic eighteenth- and nineteenth-century Gothic texts, as well as classic and contemporary film adaptations of those texts, and works of Gothic architecture and art. Furthermore, this course will explore the concept of the Gothic from its origins through the twentieth century and beyond, including its influence on various forms of popular culture.

Prerequisite: ENG 1040

Offered: fall (odd years)

ENG 3420 WOMEN'S LITERATURE (3) (GP)

Concentrated study of literature written by women. The course emphasizes the historical context of women's poetry, prose, and fiction; introduces students to major figures in women's literary history; identifies recurrent themes in writings by women; and introduces students to feminist literary theory.

Prerequisite: ENG 1040

Cross-listed with WST 3420

Offered: fall (odd years)

ENG 3500 AFRICAN AMERICAN LITERATURE (3)

The study of literature by or about African Americans. This course may focus on specific themes, periods, or authors within the field.

Prerequisite: ENG 1040

Offered: spring (even years)

ENG 3520 GLOBAL PERSPECTIVES IN LITERATURE (3) (GP)

This course will present a comparative study of literature from all over the world, including a variety of genres and time periods and drawing on non-Western as well as Western texts.

Prerequisite: ENG 1040

Offered: fall (odd years)

ENG 3530 THE LITERATURE OF SLAVE NARRATIVES (3)

An exploration of slave narratives and other testimonial literature, including antebellum, postbellum, and neo slave narratives.

Prerequisite: ENG 1040

Offered: spring (odd years)

ENG 3540 AMERICAN IDENTITY IN LITERATURE (3)

A study of literary texts exploring a variety of answers to the question: "What does it mean to be an American?" Readings will draw on writers from a variety of backgrounds and time periods.

Prerequisite: ENG 1040

Offered: fall (odd years)

ENG 3550 SPECULATIVE FICTION (3)

A study of a major author, genre, theme, or period in speculative fiction. Speculative fiction includes any genre that deals with non-reality, including but not limited to alternative history, fantasy, science fiction, monsters, horror, ghost stories, magical realism, dystopian, afro-futurism, and eco-fiction.

Prerequisite: ENG 1040

Offered: spring (even years)

ENG 3560 SOCIAL JUSTICE AND LITERATURE (3)

This course will explore the concept of social justice in relation to works of literature, as well as other relevant written, multimedia, and interdisciplinary works. Social justice will be discussed in terms of its social, political, economic, historical, as well as gender and racial contexts across a variety of texts and genres, and may focus on a specific time period, language, or culture.

Prerequisite: ENG 1040

Offered: spring (even years)

ENG 3710 LITERATURE OF CHAUCER (3) (GP)

The English medieval period with particular emphasis on Chaucer's *Canterbury Tales*, *Troilus and Criseyde*, and minor poems.

Prerequisite: ENG 1040

Offered: fall (even years)

ENG 3730 LITERATURE OF MEDIEVAL ENGLAND (3) (GP)

This course will explore the writings of major authors of medieval England, with a focus on the major themes including feudalism, Arthurian legend, romances, the Catholic Church, heresy, mysticism, medieval drama, and/ or love poetry. This will also expose students to the major works outside of those of Chaucer and may discuss connections to be made between the middle ages and our own culture today.

Prerequisite: ENG 1040

Offered: fall (even years)

ENG 3740 LITERATURE OF SHAKESPEARE (3) (GP)

Representative Shakespearean plays with attention to historical background and cultural setting.

Prerequisite: ENG 1040

Offered: fall (even years)

ENG 3750 LITERATURE OF JANE AUSTEN (3) (GP)

formerly ENG 4170

This course will explore selected written works authored by Jane Austen, as well as selected adaptations.

Prerequisite: ENG 1040

Offered: spring (odd years)

ENG 3760 LITERATURE OF CHARLES DICKENS (3) (GP)

formerly ENG 4180

This course will explore selected written works authored by Charles Dickens, as well as selected adaptations.

Prerequisite: ENG 1040

Offered: spring (even years)

ENG 3850 SPECIAL STUDIES IN ENGLISH (3) (GP)

To be determined. In-depth study involving research or research/travel and writing.

Prerequisite: permission of the Division Head

Offered: as needed

ENG 3920 VICTORIAN LITERATURE: SOCIAL JUSTICE & INDUSTRY IN THE 19TH CENTURY (3) (GP)

A study of major genres, authors, and/or themes of Victorian Britain (circa 1837-1901). More specifically, this course will explore Victorian literature, food, and other aspects of Victorian culture,

focused on the themes of social justice and Victorian industry. This course will also explore film adaptations of works of Victorian literature that also address themes related to social justice and Victorian industry.

Prerequisite: ENG 1040

Offered: fall (even years)

ENG 3950 STUDY ABROAD (1-3) (GP)

The academic side of a Study Abroad trip, the course includes readings and written assignment in support of the academic goals of the trip and in line with the academic goals of the English department. Credit hours are available at the discretion of the instructor.

Prerequisites: Permission of the Instructor.

ENG 4160 ENGLISH/WRITING INTERNSHIP (1-3)

Experiential learning. An opportunity for an upper-level Writing or English major to work either in the public or private sector at a position involving writing, editing, or research. The student is assigned duties approved by the Division Head, or by a supervising English or Writing instructor, and an on-site supervisor when appropriate. Written reports by the student might be required.

Prerequisite: Permission of the supervising instructor

Offered: as needed

ENG 4550 SENIOR SEMINAR IN LITERARY STUDIES (3)

A capstone course required for all English majors nearing graduation, English 4550 offers a thorough review of current research methodologies, citation practices, the use of print and electronic resources, literary theory, and career and/or academic work after MU graduation. It provides each student with the opportunity to engage in a lengthy, semester-long research project on a single literary topic or text(s) of the student's choosing. A research paper of at least 20 pages and utilizing at least 10 electronic or nonelectronic sources will be required as well as a 20-minute oral presentation involving the integration of visual aids and demonstrating each student's computer literacy.

Prerequisite: ENG 1040

Offered: as needed

ENG 4850 SPECIAL STUDIES IN ENGLISH (3) (GP)

To be determined. In-depth study involving research or research/travel and writing.

Prerequisite: permission of the Division Head

Offered: as needed

ENG 4990 INDEPENDENT STUDY IN ENGLISH (TBA)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisites: Requires approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined.

MODERN LANGUAGES AND LITERATURE

SPANISH (A.A., B.A.)

Students who have had Spanish prior to enrolling at Methodist University may take the Modern Languages and Literature Department placement exam. This will place the student at the appropriate level but will not give credits for prior levels of study unless the student takes the CLEP or Challenge exams. Students who are true native speakers of Spanish cannot enroll in SPA 3010/3050, nor receive

credits for it without permission of the Chair of the Department of Modern Languages and Literature. Please see the Division Head for guidelines and for other courses. offerings to replace these courses.

Placement testing: Students wishing to continue in a foreign language must take the department placement test if they have had more than two years of study of the language in high school or can demonstrate proficiency beyond the elementary level. Core requirements are satisfied in accordance with performance for those continuing with foreign language study. CLEP or ACTFL credits: applied as 1-4 courses (at the 1000/2000 level) in fulfillment of the core/ general education requirements.

Associate of Arts with a concentration in Spanish

Required Language Courses: 6 credit hours

*SPA 3010 Spanish Conversation and Grammar (3)	*SPA 3050 Spanish Writing and Composition (3)
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Electives: 12 credit hours

Select four Spanish courses (12 credit hours) from the following list:

SPA 3100 Civilization and Culture of Spain (3)	SPA 4110 Literature of Spain (3)
SPA 3200 Civilization and Culture of Hispanic America (3)	SPA 4200 Literature of Latin America (3)
SPA 4010 Advanced Spanish Grammar (3)	SPA 4210 Latinx American Literature (3)
SPA 4020 Spanish Composition and Translation (3)	SPA 4990 Independent Study in Spanish (TBD)

Total: 18 credit hours

Bachelor of Arts in Spanish

Required Language Courses: 9 credit hours

*SPA 3010 Spanish Conversation and Grammar (3)	SPA 4020 Spanish Composition and Translation (3)
*SPA 3050 Spanish Writing and Composition (3)	

Required Civilization and Culture Course: 3 credit hours

Select one course (3 credit hours) from the following list:

SPA 3100 Civilization and Culture of Spain (3)	SPA 3200 Civilization and Culture of Hispanic America (3)
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Required Literature Courses: 9 credit hours

SPA 4110 Literature of Spain (3)	SPA 4210 Latinx American Literature (3)
SPA 4200 Literature of Latin America (3)	

**Required Elective Course: 3 credit hours

SPA 4850 Special Studies in Spanish (1-3)	SPA 4990 Independent Study in Spanish (TBD)
SPA 4010 Advanced Spanish Grammar (3)	

*Spanish 3010 and 3050 can be substituted with approval from the division head in the case of demonstrated proficiency. All upper-level classes are taught in Spanish.

**Elective courses may also be chosen from the list of Required Literature Courses

Note: All upper-level classes are taught in Spanish.

Total: 24 credit hours

Minor in Spanish

Required Language Courses: 6 credit hours

*SPA 3010 Spanish Conversation and Grammar (3)	*SPA 3050 Spanish Writing and Composition (3)
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Electives: 6 credit hours

Select two Spanish courses (6 credit hours) from the following list:

SPA 3100 Civilization and Culture of Spain (3)	SPA 4200 Literature of Latin America (3)
SPA 3200 Civilization and Culture of Hispanic America (3)	SPA 4210 Latinx American Literature (3)
SPA 4010 Advanced Spanish Grammar (3)	SPA 4850 Special Studies in Spanish (1-3)
SPA 4020 Spanish Composition and Translation (3)	SPA 4990 Independent Study in Spanish (TBD)
SPA 4110 Literature of Spain (3)	

*Spanish 3010 and 3050 can be substituted with approval from the division head in the case of demonstrated proficiency. All upper-level classes are taught in Spanish.

Note: All upper-level classes are taught in Spanish.

Total: 12 credit hours

Foreign Language Course Descriptions - LAN

LAN 1010, 1020, 2010, 2020, 3010, 3050 FOREIGN LANGUAGE (3 OR 4) (GP)

Sequential learning and acquisition of reading, writing, speaking, and understanding such foreign languages as Arabic, Chinese, Italian, Portuguese, and Russian. Offered upon sufficient demand and availability of an instructor on campus. Placement and prerequisites determined by the department chair.

Prerequisite: none

Offered: as needed

LAN 2600 FOREIGN CULTURE (3)

The history and civilization of a specific country or cultural area, such as Russia, the Far East, a section of Africa, or the Western hemisphere (the United States for international students), from its origins to the present, including the artistic heritage and the recent political situation. Instruction in English.

Presupposes some knowledge of world geography and history.

Prerequisite: none

Offered: as needed

LAN 3200 INTRODUCTION TO LINGUISTICS (3) (GP)

The primary purpose of the course is to provide a framework for the formal study of language. As language is one of the most basic of human abilities and activities, the study of language overlaps with many other disciplines and areas of human interaction. The course includes general introductions to the fields of morphology, syntax, semantics, phonology, historical and comparative linguistics, sociolinguistics, and psycholinguistics.

Prerequisite: none

LAN 3300 SECOND LANGUAGE ACQUISITION (3)

This course will provide the student with an in-depth study of both theoretical issues in second language acquisition and the practical application of theories in the ESL or Foreign Language classroom. Included will be an overview of the historically important and current theoretical models of second language

acquisition. In addition, the course will cover effective and socio-cultural factors in language learning, contrastive analysis, and error analysis.

Spanish Course Descriptions - SPA

Note: A student may not enroll for any 1000 or 2000 level course if he or she is a native or heritage speaker of the target language. Some exceptions to the 2000 level may apply with permission of the division head.

SPA 1010, 1020 ELEMENTARY SPANISH I, II (3 credit hours per course) (GP)

Development of the four language skills: listening, speaking, reading, and writing. Emphasis on verbal and written skills for communicative purposes; the phonetic as well as the phonological features of Spanish are presented and practiced in both courses. Gradual introduction into the linguistic conventions used in the written form of the language. Each course consists of four class hours and one unsupervised laboratory hour per week. No native speakers or Spanish heritage speakers may take this course.

Prerequisite for 1020: SPA 1010 or a satisfactory score on the placement test

Offered: fall and spring

SPA 1120 CONVERSATIONAL SPANISH FOR TEACHERS (3) (GP)

Emphasis is on pronunciation, vocabulary building, basic grammar and basic conversation for students studying education with very basic knowledge of the language. With permission of the department chair, may be taken in conjunction with but not in lieu of SPA 1010 and/or 1020. This course is closed to native or advanced heritage speakers.

Prerequisite: none

Offered: as needed

SPA 2010, 2020 INTERMEDIATE SPANISH I, II (3 credit hours per course) (GP)

Review and expansion of the four language skills: listening, speaking, reading, and writing. Primary emphasis on oral skills for communicative purposes as in the 1000-level. Additional development of reading comprehension and expository writing skills. A functional approach to language usage aimed at reinforcing the students' linguistic competence and performance.

Prerequisite for 2010: SPA 1020 or a satisfactory score on the placement test.

Prerequisite for 2020: SPA 2010 or a placement test score that indicates preparation for the 2020-level

Offered: fall and spring

SPA 2510 BUILDING ORAL PROFICIENCY IN SPANISH (2) (GP)

Structured conversation emphasizing practical classroom vocabulary and situations. Recommended for non-native teachers who want to conduct their classes in the target language and who must meet American Council for Teaching Foreign Languages (ACTFL) oral proficiency standards for licensure. May be taken more than once for credits.

Prerequisite: Two years of college-level Spanish or the equivalent or permission of the division head

Offered: as needed

SPA 3000 PHONETICS, PHONOLOGY AND PRONUNCIATION (2) (GP)

A comprehensive study of the speech sounds that occur in Spanish and English: what these sounds are, what patterns they produce, how they are produced and how these sounds change in different circumstances. In addition to pronunciation practice, careful attention will be given to the study of the international phonetic alphabet and phonetic transcription and to the physiological properties of the speech apparatus. Recommended especially for those who are planning to teach.

Prerequisite: SPA 1010, 1020, 2010, 2020 or permission of division head.

Offered: as needed

SPA 3010 SPANISH CONVERSATION AND GRAMMAR (3) (GP)

Accurate language use (form) and language usage (meaning) for communicative purposes. Syntax, phonetics, comprehension drills, grammatical structures, and structured conversation.

Prerequisite: SPA 2020 or permission of the division head

Offered: fall

SPA 3050 SPANISH WRITING AND COMPOSITION (3) (GP)

This course focuses on intensive writing practice through task-oriented compositions and a comprehensive review of grammatical forms and usage. This course must be taken before SPA 4020 Advanced Composition.

Offered: as needed

SPA 3060 BUSINESS SPANISH (3) (GP)

Commercial Spanish vocabulary for business skills, such as letter writing, making reservations, billing, ordering, using the metric system, and working with various departments of a business in the Spanish language. Includes appropriate computer applications.

Prerequisite: SPA 3010 and 3050, or permission of the division head

Offered: as needed

SPA 3100 CIVILIZATION AND CULTURE OF SPAIN (3) (GP)

The history, geography, arts, literature, and current political structure of Spain through readings in Spanish. Conducted in Spanish using A-V and Internet resources with required computer-generated applications.

Prerequisite: SPA 3010 and 3050, or permission of the division head

Offered: alternate years

SPA 3200 CIVILIZATION AND CULTURE OF HISPANIC AMERICA (3) (GP)

The history and geography of Spanish America. The blend of Hispanic heritage and native civilizations in colonial times. Arts, literature, and current issues in different countries, with Internet resources and computer applications. Conducted in Spanish.

Prerequisite: SPA 3010 and 3050, or permission of the division head

Offered: alternate years

SPA 4010 ADVANCED SPANISH GRAMMAR (3) (GP)

An introduction to linguistics: brief diachronic study of the Spanish language; dialectal and sociolectal differences in present-day Spanish. Review of different approaches to grammar from Nebrija to the present. Emphasis on transformational grammar to describe and explain the phonological, morphological, and syntactical features of the language system. Required of students for licensure K-6 and K-12.

Prerequisite: SPA 3010, 3050, or permission of the division head

Offered: alternate years

SPA 4020 SPANISH COMPOSITION AND TRANSLATION (3) (GP)

Writing clear and grammatical expository prose and translating accurately from Spanish into English and English into Spanish. For students preparing to teach Spanish and for bilingual education.

Prerequisite: SPA 3010 and 3050, or permission of the division head

Offered: as needed

SPA 4110 LITERATURE OF SPAIN (3) (GP)

Various aspects of Spain's literature and visual art with a cross-cultural perspective. Diverse linguistic, literary, social, and political issues. Discussions on Spanish colonial expansion, the role of the regional autonomies, and the place of Spain within the European Union. Taught in Spanish and English.

Prerequisite: None

Offered: As needed

SPA 4200 LITERATURE OF LATIN AMERICA (3) (GP)

Study of interaction between literature and visual culture in Spanish speaking America. Foundational and recent texts, central themes, obsessions, genres, and Latin American culture stylistic strategies. Readings include canonical authors; recent writers who address contemporary issues. Ethical and political dilemmas will be constantly examined. Topics on single authors, genres, movements, or themes. Taught in Spanish and English.

Prerequisite: None

Offered: As Needed

SPA 4210 LATINX AMERICAN LITERATURE (3) (GP)

Intro Latinx American Literature and how it reconfigures the study of the United States and the Americas. Considers literature, history, sociology, economics, politics, culture, and language in examining terms such as Latino, latinidad, Global South, transnational, globalization, and multiculturalism. Exploration of alignments and divergences of Latino/a Studies with African and African American Studies, Latin American and Caribbean Studies, and Critical US Studies. Taught in Spanish and English.

Prerequisite: None

Offered: As needed

SPA 4850 SPECIAL STUDIES IN SPANISH (1-3) (GP)

In-depth study of a specific subject in Spanish literature, culture and civilization, or linguistics as determined by the department. Credits to be determined. Prerequisite: permission of the division head
Offered: as needed

French Course Descriptions – FRE**FRE 1010, 1020 ELEMENTARY FRENCH I, II (3 credit hours per course) (GP)**

The four skills (speaking, listening, reading, and writing) are addressed in class as are many aspects of French/ francophone culture. A functional approach to language usage with emphasis on oral skills for communicative purposes. The phonetics and phonological features are presented and practiced with gradual introduction to the linguistic forms of the written language.

Prerequisite for 1020: FRE 1010 or equivalent proficiency

Offered: as needed

FRE 2010, 2020 INTERMEDIATE FRENCH I, II (3 credit hours per course) (GP)

Review and expansion of the four skills (speaking, listening, reading, and writing) are emphasized as is French/ francophone culture through the review and detailed study of functional grammar and through selected readings. The goal is to develop these skills to a level of proficiency necessary to understand and communicate French at a level of moderate difficulty.

Prerequisite for 2010: FRE 1020 or equivalent proficiency.

Prerequisite for 2020: FRE 2010 or equivalent proficiency

Offered: as needed

German Course Descriptions – GER

German Courses GER 1010, 1020 ELEMENTARY GERMAN I, II (3 credit hours per course) (GP)

A functional introduction to the structure of the German language. The class activity develops the four skills (speaking, listening, reading, and writing) as well as basic linguistic skills that enable the student to appreciate the common origins and features of German and English. State-of-the-art audio-visual materials are used in class. Four hours of class and one-hour independent laboratory per week.

Prerequisite for 1020: 1010 or a satisfactory demonstration of equivalent proficiency

Offered: as needed

GER 2010, 2020 INTERMEDIATE GERMAN I, II (3 credit hours per course) (GP)

Readings, videos, and conversational practice provide the student experience with the contemporary German idiom and culture. Grammar review and exposure to expressions used in everyday life enable the student to understand German of moderate difficulty as well as the customs and features of the German speaking countries.

Prerequisite for 2010: 1020 or a demonstration of equivalent proficiency

Prerequisite for 2020: 2010 or a demonstration of equivalent proficiency

Offered: as needed

Geography Course Description - GEO

GEO 2520 REGIONAL GEOGRAPHY (3) (GP)

A study of the regions of the world with emphasis on topography, climate, natural resources, urban and rural life, cultural aspects, and political life. This course is offered once a year, usually in the fall.

Prerequisite: none

Methodist University Defense Language Institute Cooperative Program (A.A.)

Methodist University cooperates with the Defense Language Institute Foreign Language Center (DLIFLC) in a program permitting a DLIFLC graduate to utilize American Council of Education (ACE) recommended credits to obtain an Associate of Arts (A.A.) degree with a subject concentration in the following DLIFLC-taught courses:

Arabic-Modern Standard	Hebrew	Romanian
Arabic-Egyptian	Italian	Russian
Chinese-Mandarin	Japanese	Slovak
Czech	Korean	Spanish
Dutch	Lingali	Tagalog
French	Persian Farsi	Thai
German	Polish	Turkish
Greek	Portuguese	Vietnamese

GLOBAL STUDIES (B.A., B.S.)

The Global Studies major prepares students for graduate studies and/or careers in government service, non- governmental organizations, the military, and other fields that require resourceful engagement with global culture, economics, politics, and business. Global Studies is grounded in history and offers a selection of interdisciplinary courses to provide balanced understanding of global interconnections, structures, and dynamics. Students may then concentrate their capstone studies in any interdisciplinary combination.

Mission

The mission of Global Studies is to graduate broadly resourceful students with skills, knowledge, and understanding of the world in many dimensions. To that end Global Studies is an interdisciplinary major grounded in history. Students may also take courses in political science, economics, language, geography, literature, and religion. The required major curriculum leaves ample option for minor fields or clusters of investigation in any area of relevance to the student's particular interests across the entire university curriculum.

Goals

Global Studies majors will develop knowledge and understanding of the historical, political, economic, cultural, and social dynamics of the world, along with research, analysis, oral presentation, and written communication skills that prepare them for employment and/or advanced study.

Bachelor of Arts in Global Studies

B.A. Foreign Language Requirement: 12 credit hours

Four semesters of language, with at least two semesters of a single language taken in sequence; or demonstration of competence in one language through the 2020 level.

Required Courses: 9 credit hours

HIS 1030 World History I (3)	HIS 3700 Contemporary World History (3)
HIS 1040 World History II (3)	

History Electives: 18 credit hours

Select six History courses (18 credit hours) from the following list:

HIS 2170 Race and Ethnicity in Global Perspective (3)	HIS 3250 Modern History (3)
HIS 3010 Topics in Modern Asian History (3)	HIS 3310 Topics in Latin American History (3)
HIS 3110 Ancient History (3)	HIS 3810 Topics in European Social and Cultural History (3)
HIS 3120 Medieval History (3)	HIS 3820 History and Gender (3)
HIS 3130 Renaissance and Reformation Europe (3)	HIS 3850 Special Topics in History (3)
HIS 3220 Early Modern History (3)	

Interdisciplinary Electives: 18 credit hours

Select six courses (18 credit hours) from the following list:

ECO 4200 Comparative Economic Systems (3)	PSC 3510 International Relations (3)
ECO 4520 International Trade and Finance (3)	PSC 4010-4080 Area Studies (3-12)
ECO 4650 International Growth and Development (3)	PSC 4400 International Organizations (3)
GEO 2520 Regional Geography (3)	PSC 4510 International Political Economy (3)
LAN 2600 Foreign Culture (3)	REL 1500 Eastern Religious Traditions (3)
PHI 3350 Environmental Ethics (3)	SPA 3200 Civilization and Culture of Hispanic America (3)
PSC 2270 Comparative Politics (3)	SOC 2530 International Social Problems (3)
PSC 3470 American Foreign Policy (3)	SOC 2560 Cultural Anthropology (3)

Capstone Requirement: 3 credit hours

Select one course (3 credit hours) from the following list:

HIS 4550 Senior Seminar: The Craft of History (3)	PSC 4600 Senior Seminar (3)
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Total: 60 credit hours

Bachelor of Science in Global Studies

Required Statistics Course: 3 credit hours

Select one course (3 credit hours) from the following list:

MAT 2200 Applied Statistics (3)	SOC 2200 Applied Statistics (3)
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Required Courses: 9 credit hours

HIS 1030 World History I (3)	HIS 3700 Contemporary World History (3)
HIS 1040 World History II (3)	

History Electives: 18 credit hours

Select six History courses (18 credit hours) from the following list:

HIS 2170 Race and Ethnicity in Global Perspective (3)	HIS 3250 Modern History (3)
HIS 3010 Topics in Modern Asian History (3)	HIS 3310 Topics in Latin American History (3)
HIS 3110 Ancient History (3)	HIS 3810 Topics in European Social and Cultural History (3)
HIS 3120 Medieval History (3)	HIS 3820 History and Gender (3)
HIS 3130 Renaissance and Reformation Europe (3)	HIS 3850 Special Topics in History (3)
HIS 3220 Early Modern History (3)	

Interdisciplinary Electives: 18 credit hours

Select six courses (18 credit hours) from the following list:

ECO 4200 Comparative Economic Systems (3)	PSC 3510 International Relations (3)
ECO 4520 International Trade and Finance (3)	PSC 4010-4080 Area Studies (3-12)
ECO 4650 International Growth and Development (3)	PSC 4400 International Organizations (3)
GEO 2520 Regional Geography (3)	PSC 4510 International Political Economy (3)
LAN 2600 Foreign Culture (3)	REL 1500 Eastern Religious Traditions (3)
PHI 3350 Environmental Ethics (3)	SPA 3200 Civilization and Culture of Hispanic America (3)
PSC 2270 Comparative Politics (3)	SOC 2530 International Social Problems (3)
PSC 3470 American Foreign Policy (3)	SOC 2560 Cultural Anthropology (3)

Capstone Requirement: 3 credit hours

Select one course (3 credit hours) from the following list:

HIS 4550 Senior Seminar: The Craft of History (3)	PSC 4600 Senior Seminar (3)
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Total: 51 credit hours

HISTORY (A.A., B.A.)

The study of history is one foundation of a liberal arts education. Historical study is not the memorization of long lists of dates, names, and places. It is an attempt to comprehend the past on its own terms, to consider the factors that lead to historical change, to enhance our understanding and appreciation of other cultures, to consider the human experience over time and place.

Goals

This course of study will prepare students for a wide variety of careers. Teaching on the secondary level is one common career path for history majors, but their skill set also qualifies them for a number of graduate and professional programs, including public history, law school, public administration, international relations, information science, and masters-level business programs. Students will develop skills in research, analysis, critical thinking, close reading, the recognition and creation of reasoned arguments, and the evaluation of supporting evidence to produce superior essays and papers.

Associate of Arts with a concentration in History

Required History Courses: 9 credit hours

HIS 1030 World History I (3)	HIS 3000 History in Theory and Practice (3)
HIS 1040 World History II (3)	

History Electives: 9 credit hours

Select three History courses (9 credit hours) at the 2000 level or above.

Total: 18 credit hours

Bachelor of Arts in History

Required History Core Courses: 24 credit hours

*HIS 0900 History Capstone (0)	HIS 2160 History of Science (3)
HIS 1030 World History I (3)	HIS 3000 History in Theory and Practice (3)
HIS 1040 World History II (3)	HIS 3250 Modern History (3)
HIS 2010 United States History I (3)	HIS 3700 Contemporary World History (3)
HIS 2020 United States History II (3)	

***Note:** All History majors must complete a required capstone course. Simultaneously to taking HIS 0900, the student will select a 3000 level or higher course approved by the History Department and make a capstone presentation to the department.

History Electives: 21 credit hours

Select seven History courses (21 credit hours) from the following list:

HIS 2040 U.S. Women's History (3)	HIS 3610 The Civil Rights Movement (3)
HIS 2170 Race and Ethnicity in Global Perspective (3)	HIS 3620 History of North Carolina (3)
HIS 3010 Topics in Modern Asian History (3)	HIS 3800 Topics in U.S. Social and Cultural History (3)
HIS 3110 Ancient History (3)	HIS 3810 Topics in European Social and Cultural History (3)
HIS 3120 Medieval History (3)	HIS 3820 History and Gender (3)
HIS 3130 Renaissance and Reformation Europe (3)	HIS 3850 Special Topics in History (3)
HIS 3160 The Age of Crusades (3)	HIS 4210 American Military Experience (3)
HIS 3170 The Middle Ages on Film (3)	HIS 4220 Post WWII America (3)
HIS 3220 Early Modern History (3)	HIS 4300 History Museum Internship (3)
HIS 3310 Topics in Latin American History (3)	HIS 4550 Senior Seminar: The Craft of History (3)
HIS 3550 American Slavery (3)	HIS 4990 Independent Study in History (3)
HIS 3600 American Civil War and Reconstruction Era (3)	

Total: 45 credit hours

Minor in History

Required History Courses: 9 credit hours

HIS 1030 World History I (3)	HIS 3000 History in Theory and Practice (3)
HIS 1040 World History II (3)	

History Electives: 9 credit hours

Select three History courses (9 credit hours) at the 2000 level or above.

Total: 18 credit hours

Minor in Global History

Required History Course: 3 credit hours

HIS 3000 History in Theory and Practice (3)

History Electives: 15 credit hours

Select five History courses (15 credit hours) from the following list:

HIS 2160 History of Science (3)	HIS 3250 Modern History (3)
HIS 2170 Race and Ethnicity in Global Perspective (3)	HIS 3310 Topics in Latin American History (3)
HIS 3010 Topics in Modern Asian History (3)	HIS 3700 Contemporary World History (3)
HIS 3110 Ancient History (3)	HIS 3810 Topics in European Social and Cultural History (3)
HIS 3120 Medieval History (3)	HIS 3820 History and Gender (3)
HIS 3130 Renaissance and Reformation Europe (3)	HIS 3850 Special Topics in History (3)
HIS 3220 Early Modern History (3)	

Note: To meet criteria of Global History minor, the topic of the course must be "Global." Students must receive approval from the division head.

Total: 18 credit hours

Certificate in American Studies

Required History Course: 3 credit hours

HIS 2010 or HIS 2020 U.S. History I or II (3)

Select three courses (9 credit hours) from the following list:

AGD 2040 History of Graphic Design (3)	HIS 4210 American Military Experience (3)
ARH 3540 19th and 20th Century Art History and Theory (3)	HIS 4220 Post WWII America (3)
ENG 3500 African American Literature (3)	JUS/LAW/PSC 3100 Law and the Legal System (3)
HIS 2040 U.S. Women's History (3)	MUS 1520 Jazz and Popular Culture (3)
HIS 3550 American Slavery (3)	PSC 3410 Congress and the Presidency (3)
HIS 3600 American Civil War and Reconstruction Era (3)	PSC 3470 American Foreign Policy (3)
HIS 3610 The Civil Rights Movement (3)	PSC 3450 Political Parties and Interest Groups (3)
HIS 3620 North Carolina History (3)	PSC 3850 The U.S. Constitution (3)
HIS 3800 Topics in U.S. Social and Cultural History (3)	THE 3120 Theatrical History and Literature II (3)

Total: 12 credit hours

Certificate in European Studies

Select any two classes (6 credit hours) from the following list:

HIS 2160 History of Science (3)	HIS 3170 The Middle Ages on Film (3)
HIS 3110 Ancient History (3)	HIS 3220 Early Modern History (3)
HIS 3120 Medieval History (3)	HIS 3250 Modern History (3)
HIS 3130 Renaissance and Reformation Europe (3)	HIS 3810 Topics in European Social and Cultural History (3)
HIS 3160 The Age of Crusades (3)	

Select any two classes (6 credit hours) from the following list:

AGD 2040 History of Graphic Design (3)	SPA 3100 Civilization and Culture of Spain (3)
ARH 3530 Renaissance and Baroque Art History and Theory (3)	SPA 4110 Survey of Literature of Spain I (3)
ARH 3540 19th and 20th Century Art History and Theory (3)	SPA 4120 Survey of Literature of Spain II (3)
ENG 3730 Literature of Medieval England (3)	SPA 4150 Spanish Literature: Cervantes (3)
ENG 3740 Literature of Shakespeare (3)	THE 3110 Theatrical History and Literature I (3)
ENG 3920 Victorian Literature: Social Justice & Industry in the 19 th Century (3)	THE 3120 Theatrical History and Literature II (3)
MUS 1510 Survey of Music (3)	

Total: 12 credit hours

History Course Descriptions - HIS

HIS 0900 HISTORY CAPSTONE (0)

History majors enroll in this course during the semester when they plan to present their capstone to the History faculty. To fulfill the requirement, the student must consult with the History faculty regarding which course they will designate as their Capstone course, and then, prior to the end of the semester, present their capstone to the History faculty and receive approval. Pass/fail.

Prerequisite: to be performed in junior or senior year (exceptions to this are approved through applied teacher)

Offered: fall and spring

HIS 1030 WORLD HISTORY I (3) (GP)

This course explores the human past from prehistory to 1500 A.D. with an emphasis on political, socioeconomic, and cultural developments. Students should be able to recognize and analyze historical connections between people, places, and different arenas of activity in pre-modern world civilizations. Recommended only for students who have passed ENG 1010. Must be taken by the end of a student's sophomore year, or by new students, or with permission of instructor.

Prerequisite: none

Offered: fall and spring

HIS 1040 WORLD HISTORY II (3) (GP)

This course explores the human past from 1500 A.D. to the present with an emphasis on political, socioeconomic, and cultural developments. Students should be able to recognize and analyze historical connections between people, places, and different arenas of activity. Recommended only for students who have passed ENG 1010. Must be taken by the end of a student's sophomore year, or by new students, or with permission of instructor.

Prerequisite: none

Offered: fall and spring

HIS 2010 UNITED STATES HISTORY I (3)

The transition of civilization from Europe and Africa to America, emphasizing political, social, and economic events to 1865. Must be taken by the end of a student's sophomore year, or by new students, or with permission of instructor.

Prerequisite: none

HIS 2020 UNITED STATES HISTORY II (3)

The history of the United States since 1865 with emphasis on diversity in modern America and America's rise to a world power in the twentieth century. Must be taken by the end of a student's sophomore year, or by new students, or with permission of instructor.

Prerequisite: none

HIS 2040 U.S. WOMEN'S HISTORY (3)

A survey of women's history in America from contact through the present day. Considers women's experiences through multiple lenses, including race, gender, and politics.

Prerequisite: none

HIS 2160 HISTORY OF SCIENCE (3)

This course traces the development of the study and attempts to comprehend the natural world. It includes precursors to early science, the development of scientific method, technology and science education, the transfer of knowledge, movements in the definition and philosophy of science, the institutional context of scientific study and research, cross-cultural influences in science and technology, the rise of different scientific disciplines, cultural and political conflicts that involve the progress of scientific knowledge, and the achievements of modern science. While the central focus of the course is the development of western science and technology, Chinese, Indian, and Arabic science and technology are included.

Prerequisite: none

HIS 2170 RACE AND ETHNICITY IN GLOBAL PERSPECTIVE (3) (GP)

Topics in the global history of racial and ethnic groups and theories of race and ethnicity.

Prerequisite: none

HIS 3000 HISTORY IN THEORY AND PRACTICE (3)

An introduction to historiography (different approaches to historical study and certain subjects within that study), varied historical sources, document analysis, and writing on a topic determined by the instructor. Required of all history majors and minors. It is recommended that all History and Global Studies majors and minors complete this course before finishing their sophomore year.

Prerequisite: none

Offered: spring

HIS 3010 TOPICS IN MODERN ASIAN HISTORY (3) (GP)

Survey of traditional Asian culture and development since 1600, with an alternating geographic focus at the discretion of the instructor.

Prerequisite: none

HIS 3110 ANCIENT HISTORY (3)

Covers ancient near-Eastern civilization and/or the Hellenic, Hellenistic, and Roman worlds, the expanded cultural and economic interchanges brought about by the creation of empires, such as that of

Alexander the Great, the rise of Abrahamic religions, and the emergence of distinct societies in Western Europe, the Mediterranean, and Afro- Eurasia.

Prerequisite: none

HIS 3120 MEDIEVAL HISTORY (3)

This course covers European and Mediterranean societies from the Germanic migrations (ca. 450) until the beginning of the era of global exploration (ca. 1500). Topics include the formation of Western Europe; changes within Christianity and expressions of faith; Viking invasions; the development of unique medieval political, economic and cultural practices, including feudalism, knighthood and chivalry; the flourishing power of monarchy; the Crusades; the Inquisition; rises and transformations in medieval artistic expression, including architecture and literature.

Prerequisite: none

HIS 3130 RENAISSANCE AND REFORMATION EUROPE (3)

Examines cultural, intellectual, and religious change in Europe from the Black Death (1348) to the Peace of Westphalia (1648) with a special focus on the ways developments, such as renewed interests in the ancient past, the elevation of the arts, the rise of the nation state, urbanization, expanded trade, and exploration, both influenced and impacted spiritual life.

Prerequisite: none

HIS 3160 THE AGE OF CRUSADES (3)

This course examines the crusading movement until the 13th century. The emphasis of the course will be on the experiences and viewpoints of the Christian, Muslim and Jewish communities who took part in or were affected by the Crusades and how this pivotal era transformed European and Middle Eastern history. Topics will include just war in Abrahamic religious traditions, the Church and papacy in the context of crusading, the Crusades' impact on European and Middle Eastern culture, economy, and politics, and medieval warfare.

Prerequisite: none

HIS 3170 THE MIDDLE AGES ON FILM (3)

Most people's notions of the Western Middle Ages have been drawn from films that have been adapted from medieval literature and legend or which dramatize historical events. This is not a course about film criticism. It is a course about how the present views the past and the cultural meaning of the medieval period in the contemporary world (medievalism). We will consider the different historical viewpoints, political and social forces, and cultural ideals that have molded the modern conception of the Middle Ages.

Prerequisite: none

HIS 3220 EARLY MODERN HISTORY (3)

This course explores the emergence of modernity in Europe and the world from the 16th to 18th centuries. Emphasis will be on the accelerating pace of change, political, social, economic, intellectual revolutions, globalization, and struggles for identity in a world in flux.

Prerequisite: none

HIS 3250 MODERN HISTORY (3) (GP)

This course examines the consequences and corollaries of modernity in Europe and the world during the 19th and 20th centuries, including war; revolution; genocide; colonization and decolonization; social, political, and cultural instability; and global networks.

Prerequisite: none

HIS 3310 TOPICS IN LATIN AMERICAN HISTORY (3) (GP)

This course covers various topics and time periods in Central American, South American, and Caribbean history. Prerequisite: none HIS 3550 AMERICAN SLAVERY 3 credits This course explores how and why slavery developed in the New World with special emphasis on North America. The course examines the changes in and the expansion of slavery in the United States, and it spends considerable time investigating the lives of slaves. The entire course generates questions regarding freedom, slavery, and historical change.

Prerequisite: none

HIS 3600 AMERICAN CIVIL WAR AND RECONSTRUCTION ERA (3)

The course examines the causes of the Civil War, how it was fought, and how it affected American society. The course analyzes emancipation and freedom both during the war and Reconstruction.

Prerequisite: none

HIS 3610 THE CIVIL RIGHTS MOVEMENT (3)

This course briefly reviews the construction of Jim Crow in America and then focuses on the challenges to Jim Crow, particularly after WWII. The course covers the Civil Rights Movement both in the South and in the rest of the nation.

Prerequisite: none

HIS 3620 HISTORY OF NORTH CAROLINA (3)

The history of North Carolina from the Colonial period to the present with emphasis on economic, political, and cultural developments.

Prerequisite: HIS 2010 or 2020, or permission of the instructor.

Offered: spring

HIS 3700 CONTEMPORARY WORLD HISTORY (3) (GP)

A survey of the world since 1945, emphasizing Africa, Asia, and Latin America. The major links between Europe, the United States, Africa, Asia, and Latin America will be explored.

Prerequisite: none

HIS 3800 TOPICS IN U.S. SOCIAL AND CULTURAL HISTORY (3)

Topics in selected U.S. social and cultural traditions, with emphasis on the diverse ways people have made sense of the world and their place within it. Explores practices of thinking and living and the connections between them, from major specialized theories and philosophies to everyday common sense. Previous topics have included the Vietnam War, Sports in American History, and American Popular Culture.

Prerequisite: none

HIS 3810 TOPICS IN EUROPEAN SOCIAL AND CULTURAL HISTORY (3)

Topics in selected European social and cultural traditions, with emphasis on the diverse ways people have made sense of the world and their place within it. Explores practices of thinking and living and the connections between them, from major specialized theories and philosophies to everyday common sense. Previous topics have included England under the Tudors and Stuarts, and Italian History.

Prerequisite: none

HIS 3820 HISTORY AND GENDER (3)

Investigates the historical meanings and practices of womanhood and manhood in diverse cultures. Topics include family relationships, sexuality, morals, politics, and society.

Prerequisite: none

HIS 3850 SPECIAL TOPICS IN HISTORY (3) (GP)

Reading and research, reports, and discussion of selected topics in history. Topics vary and are announced in advance of each offering.

Prerequisite: none

Offered: as needed

HIS 4210 AMERICAN MILITARY EXPERIENCE (3)

American military history from the Colonial Period to the present with emphasis on the interrelationship of war and society. Open to all students.

Prerequisite: none

Cross-listed: MSL 210

Offered: fall

HIS 4220 POST-WWII AMERICA (3)

This course starts in 1945 and covers United States history to the present. Topics include the Cold War, Civil Rights Movement, social and economic changes, and popular culture.

Prerequisite: none

HIS 4300 HISTORY MUSEUM INTERNSHIP (3)

Experiential learning acquired through placement with museum staff at the Museum of the Cape Fear or other regional museums. The student is assigned duties and responsibilities approved by the Director of Internships and supervised and evaluated by the University instructor and on-site supervisor. Work may include oral history projects, research and preparation for exhibits, and preparation of educational material related to museum activity. Interns work for 9-12 hours per week for fifteen weeks or an equivalent number of hours during a summer term. Weekly class contact, journal or written reports are required.

Prerequisite: Permission of the division head

HIS 4550 SENIOR SEMINAR: THE CRAFT OF HISTORY (3)

Historical interpretation of major issues and research using original and secondary resources, and a major paper produced on topics determined by the interests of students and the thematic content of the course as defined by the instructor. Required for all history majors by or in their senior year. It is strongly recommended that students successfully complete History 2100 and one or more upper-level history courses before taking History 4550.

Prerequisite: none

HIS 4990 INDEPENDENT STUDY IN HISTORY (TBA)**PHILOSOPHY**

Philosophy, or “the love of wisdom,” is the search for answers to questions about beauty, values, reality, knowledge, and meaning. Using reason and logic, philosophy students exercise their minds to see the world in different ways, think critically, and effectively argue. Philosophy meets the needs of students (a) who major in other fields but want a theoretical background for such professions as law, education, business, or the ministry or (b) who want to sample the philosophical discipline in their elective courses.

Mission

The purpose of the department of philosophy and religion is to introduce students both to philosophical and religious traditions-particularly Western but including others-and in the spirit of the liberal arts, to engender critical thinking in these areas.

Goals

- Students who complete the general education requirements in philosophy and religion will have knowledge of philosophical and religious traditions. Students who complete the general education requirements in philosophy and religion will be able to think critically.
- Students who complete a minor in philosophy or a major in religion will be prepared to enter graduate or professional studies.

Minor in Philosophy

Philosophy Core Courses: 6 credit hours

PHI 2110 Introduction to Philosophy (3)	PHI 2130 Argument and Inference (3)
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Philosophy Electives: 9 credit hours

Select three courses (9 credit hours) with a PHI prefix.

Total: 15 credit hours

Minor in Ethics

Core Courses: 3 credit hours

Select one course (3 credit hours) from PHI 2110 or PHI 2200.

PHI 2110 Introduction to Philosophy (3)	PHI 2200 Moral Philosophy and Contemporary Ethical Problems (3)
PHI 2110 Introduction to Philosophy (3)	PHI 2200 Moral Philosophy and Contemporary Ethical Problems (3)

Ethics minor electives: 12 credit hours

Select four courses (12 credit hours) from the following list:

PHI 2110 Introduction to Philosophy (3)	PHI 3600 The Meaning of Death (3)
PHI 2000 Ethics Bowl (1) (3 credit hours for 3-year participation)	PHI 4200 Ethical Foundations of Criminal Justice (3)
PHI 2200 Moral Philosophy and Contemporary Ethical Problems (3)	PHI 4850 Seminar in Philosophy (3)
PHI 3200 Business Ethics (3)	PHI 4990 Independent Study in Philosophy (3)
PHI 3350 Environmental Ethics (3)	REL 1500 Eastern Religions (3)
PHI 3400 Medical Ethics	

Total: 15 credit hours

Philosophy Course Descriptions - PHI

PHI 2000 ETHICS BOWL (1)

This course will cover moral theories, including fairness, utilitarianism, virtue ethics, common good, and Kantian deontology. Students will not only learn these theories but apply them to a selection of morally ambiguous case studies. Past cases have concerned business ethics, education, and technology. Students will have the opportunity to join the MU Ethics Bowl team at the annual NCICU State Ethics Bowl tournament. May be repeated for credits as the case studies change every term.

Prerequisite: none

Offered: fall

PHI 2110 INTRODUCTION TO PHILOSOPHY (3)

Socrates claimed that the “unexamined life is not worth living.” This course examines a life worth living by critically struggling with some of life’s most intractable philosophical problems: what is the world like (metaphysics), how do we know what we know (epistemology), and what are the implications of all this for how we should act in the world (ethics).

Prerequisite: none
Offered: fall and spring

PHI 2130 ARGUMENT AND INFERENCE (3)

This course offers a practical introduction to inductive logic that can be applied to the sciences, criminal investigation, medical reasoning, reasoning in business, and reasoning in everyday life. Topics covered include basic methods of induction, inference to the best explanation, Mill's methods, and basic probability theory.

Prerequisite: none
Offered: spring

PHI 2200 MORAL PHILOSOPHY AND CONTEMPORARY ETHICAL PROBLEMS (3)

This course philosophically examines issues of social justice and individual moral problems that we as professionals and citizens face on a daily basis in medicine, the military, education, business, personal relationships, and political life.

Prerequisite: none
Offered: spring (even years)

PHI 3010 HISTORY OF WESTERN PHILOSOPHY (3)

Survey of the history of Western philosophy from the pre-Socratics to the contemporary period.

Prerequisite: none
Offered: fall (odd years)

PHI 3200 BUSINESS ETHICS (3)

After a brief consideration of ethical theory, this course will examine selected ethical issues which arise from business, such as corporate responsibility, whistle blowing, environmental issues, and privacy. Emphasis will be placed on the role of virtues in business practice.

Prerequisite: none
Cross-listed: BUS 3200
Offered: fall and spring

PHI 3300 PHILOSOPHY OF RELIGION (3)

Philosophical examination of religion; topics include arguments for the existence of God, the nature and reliability of religious experience, the problem of evil, the nature and attributes of God, the meaning of religious language, and life after death.

Prerequisite: none
Offered: fall (even years)

PHI 3350 ENVIRONMENTAL ETHICS (3)

This course is a theoretical and practical introduction to the ethical obligations embedded in the relationship of human beings to the natural world. It will cover various theories of how we should interact with the environment and other animals. Exercises will include traditional papers as well as group projects that give students an opportunity to explore such issues in concrete ways.

Prerequisite: none

PHI 3400 MEDICAL ETHICS (3)

After a brief consideration of ethical theory, this course will examine selected ethical issues raised by clinical practice, medical theories, and biomedical research and technologies. This course does not meet the medical ethics requirement for the Methodist University Physician Assistant Program.

Prerequisite: none

Offered: fall

PHI 3600 THE MEANING OF DEATH (3)

A humanistic study of death, including discussions about the experience of dying as well as various philosophical, religious, and artistic understandings of death. Class materials will include personal and literary accounts to bring our experience of death to life.

Prerequisite: none

Cross-listed: REL 3600

PHI 4200 ETHICAL FOUNDATIONS OF CRIMINAL JUSTICE (3)

A study of the basic concepts, arguments, and methods of ethics as they apply to those who work in the field of criminal justice. Students will be introduced to the classic theories of normative ethics. Emphasis is placed on the case study approach and ethical decision-making.

Prerequisite: Junior standing or permission of the instructor.

Cross-listed: JUS 4200

Offered: fall

PHI 4850 SEMINAR IN PHILOSOPHY (3)

Significant works, problems, and thinkers in the field of philosophy. Can be repeated for credits.

Prerequisite: permission of the division head.

Cross-listed: REL 4850 as applicable

Offered: as needed

PHI 4990 INDEPENDENT STUDY IN PHILOSOPHY (TBA)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined.

RELIGION (B.A.)

Religion courses at MU develop a deeper understanding of the “big questions” that occur at the limits of human experience. Coursework in religion is valuable in three respects: (1) it broadens your intellectual horizons and can be spiritually fulfilling; (2) this program trains you in research, critical thinking, and ethical reasoning, which are all skills desired by employers today, no matter the industry; (3) if your goal is a career in ministry or graduate study of religion, this major gives you the required foundation in theory, method, and tradition required for further study.

Bachelor of Arts in Religion

B.A. Foreign Language Requirement: 12 credit hours

Students must either demonstrate competence in a foreign language up to the 2020 level, or take four semesters of foreign language, two of which must be in the same language.

Textual Studies Course Requirements: 6 credit hours

REL 2010 Survey of Hebrew Bible (3)	REL 2020 Survey of the New Testament (3)
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Breadth Course Requirements: 6 credit hours

REL 1500 Religions of Asia (3)	REL 1510 Monotheistic Religions (3)
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Church History Course Requirement: 6 credit hours

REL 4050 Early Christianity (3)	REL 4060 Reformation Europe (3)
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Religion Electives: 18 credit hours

Select six courses (18 credit hours) from the following course list:

PHI 3010 History of Western Philosophy (3)	REL 3020 Jesus and the Gospels
PHI 3300 Philosophy of Religion (3)	REL 3220 Religion and Literature
REL 1030 Introduction to Religion (3)	REL 4040 Myth and Culture
REL 1050 Religion in the Age of Science (3)	REL 4850 Special Topics in Religion
REL 1070 Religion and Film (3)	REL 4990 Independent Study in Religion

Total: 48 credit hours

Minor in Religion

Select five Religion elective courses (15 credit hours), including 6 credit hours at the 3000 level or above.

Total: 15 credit hours

Religion Course Descriptions - REL**REL 1030 INTRODUCTION TO RELIGION (3) (GP)**

This introductory course will explore a variety of topics: How do we define the word “religion”? Why did human beings come to believe in a supreme being? What are some of the logical arguments for and against the existence of a deity. What are the typical stages in the development of religions. What are the common, fundamental questions that religions address? How do we study religion, e.g., philosophical, psychological, literary, sociological, and phenomenological approaches? And finally, what is the relationship between religion and the physical sciences?

Prerequisite: none

Offered: fall

REL 1050 RELIGION IN AN AGE OF SCIENCE (3)

Examination of science’s questions, methods, history, and results in their relationship to and as a supplement to the enduring religious issues.

Prerequisite: none

Offered: fall and spring

REL 1070 RELIGION AND FILM (3) (GP)

An introduction to religion’s material and intellectual elements through an examination of film’s interpretation of religion and of the human condition as well as film’s tendency to fulfill certain religious functions.

Prerequisite: none

Offered: as needed

REL 1500 RELIGIONS OF ASIA (3) (GP)

This course will survey the historical, sociological, and philosophical development of religious traditions of India, Southeast Asia, and China. This course will cover Hindu, Buddhist, Confucian, and Taoist thought, among others.

Prerequisite: none

Offered: fall

REL 1510 MONOTHEISTIC RELIGIONS (3) (GP)

This course will introduce students to Judaism, Christianity, and Islam, focusing on their commitment to ethical monotheism.

Prerequisite: none

Offered: every other year

REL 2010 SURVEY OF HEBREW BIBLE (3) (GP)

Old Testament writings with emphasis on Hebrew history and faith from the perspective of historical and literary criticism.

Prerequisite: none

Offered: fall (odd years)

REL 2020 SURVEY OF THE NEW TESTAMENT (3) (GP)

New Testament writings with emphasis on the faith of the early Christian community and the cultural milieu (social, political, cultural, and religious) out of which Christianity arose.

Prerequisite: none

Offered: spring

REL 3020 JESUS AND THE GOSPELS (3) (GP)

The modern quest for the historical Jesus, a detailed study of the Gospel accounts, and the cultural significance of Jesus.

Prerequisite: none

Offered: fall (even years)

REL 3220 RELIGIOUS LITERATURE (3)

A study of the theological significance of selected religious works, as grouped around particular themes. This course can be repeated for credits as the topic varies. Depending upon the topic, may be cross-listed as PHI 3220. Examples of possible foci include Spiritual Autobiography, How to See God in Literature, the "Inklings" (the works of Lewis and Tolkien), Creation Narratives, Eastern Religious Myth, and the Philosophy and Theology of Horror. In addition to examining the theology of the selective texts, time will be spent exploring the relationship between theology and literature – that is, why did these authors choose these particular forms to relate their religious convictions and theological insights?

Prerequisite: none

REL 4040 MYTH AND CULTURE (3) (GP)

An examination of myth and culture through a reading of scholarly literature and myth.

Prerequisite: none

Cross-listed: ENG 4040. If taken as a religion course (REL), can count for the religion major. If taken as an English course (ENG), it can count toward the English major. It cannot count for both majors at the same time.

Offered: spring (even years)

REL 4050 EARLY CHRISTIANITY (3) (GP)

This course explores the development of Christianity from Pentecost to the High Middle Ages. It examines the emergence of Christianity and its unique understanding of God and salvation, as well as its later dominance as it became intertwined with the Roman Empire and lived out in Medieval Europe.

Prerequisite: none

Offered: fall (odd years)

REL 4060 REFORMATION EUROPE (3) (GP)

This course explores the cultural, intellectual, and institutional developments that took place in Europe from the late Middle Ages through the 18th century. Emphasis is placed on the impact of those developments for subsequent history and theology.

Prerequisite: none

Offered: spring (even years)

REL 4850 SEMINAR IN RELIGION (1-3)

Significant works, problems, and thinkers in the field of religion. Topics vary. Can be repeated for credits.

Prerequisite: permission of the instructor.

Cross-listed: PHI 4850 when the topic is applicable.

Offered: as needed.

REL 4990 INDEPENDENT STUDY IN RELIGION (TBA)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined.

INTERDISCIPLINARY STUDIES AND PROGRAMS

PROFESSIONAL LEADERSHIP AND ETHICS (B.A.)

The Professional Leadership and Ethics program offers explicit training in ethical decision making, as applied to a professional setting. It does so via courses from a variety of disciplines, including psychology, speech, philosophy, business, and leadership studies. Upon completion of the program, students will be able to:

- effectively communicate in multiple modalities.
- identify and analyze social contexts present in the workplace.
- analyze data, hypothesize causes, and predict outcomes.
- use leadership techniques to anticipate threats and opportunities.
- apply moral reasoning to social and professional situations.

*Bachelor of Arts in Professional Leadership and Ethics

Required Courses: 15 credit hours

BUS 1510 Organization and Management (3)	PSY 1010 Introduction to Psychology (3)
LSS 3750 Future Oriented Leadership (3)	PSY 3100 Industrial/Organizational Psychology (3)
PHI 2130 Argument and Inference (3)	

Required Professional Writing Course: 3 credit hours

Select one course (3 credit hours) from the following list:

ENG 3201 Business Writing (3)	SWK 2400 Professional Writing and Critical Thinking (3)
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Required Creativity Course: 3 credit hours

Select one course (3 credit hours) from the following list:

AGD 1000 Design Production (3)	THE 2000 Practicing Creativity (3)
ART 1010 Foundations I Design (3)	

Required Interpersonal Communications Course: 3 credit hours

Select one course (3 credit hours) from the following list:

CME 2540 Strategic Communication (3)	CME 3900 Collaborative Communication (3)
CME 3600 Exploring Cross Cultural Communication (3)	

Required Society and Identity Course: 3 credit hours

Select one course (3 credit hours) from the following list:

HIS 2170 Race and Ethnicity in a Global Perspective (3)	SOC 3830 Gender and Society (3)
HIS 3610 The Civil Rights Movement (3)	SOC 3920 Human Sexuality (3)
HIS 3820 History and Gender (3)	SWK 3500 Human Diversity and Populations At-Risk (3)

Required Statistical Analysis Course: 3 credit hours

Select one course (3 credit hours) from the following list:

BUS 2160 Statistics for Business and Economics (3)	PSY 2500 Statistics for Psychology (3)
MAT 2200 Applied Statistics (3)	SOC 2200 Applied Statistics (3)

Required Public Welfare and Administration Course: 3 credit hours

Select one course (3 credit hours) from the following list:

HIS 3700 Contemporary World History (3)	PSC/LAW/JUS 3100 Law and the Legal System (3)
PSC 3050 Democratic Principles and Theory (3)	PSC 3330 Public Administration (3)

Required Leadership Course: 3 credit hours

Select one course (3 credit hours) from the following list:

LSS 3000 Principles of Leadership (3)	LSS 3250 Theories and Techniques of Leadership (3)
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Required Moral Reasoning Course: 3 credit hours

Select one course (3 credit hours) from the following list:

PHI 2200 Moral Philosophy and Contemporary Ethical Problems (3)	PHI 3350 Environmental Ethics (3)
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Required Professional Ethics Course: 3 credit hours

Select one course (3 credit hours) from the following list:

PHI 3200 Business Ethics (3)	PHI 4200 Ethical Foundations of Criminal Justice (3)
PHI 3400 Medical Ethics (3)	

Total: 42 credit hours**Minor in Women's Studies**

The minor in Women's Studies serves the university by raising students' awareness of the impact of gender on their personal, professional, and academic lives; encouraging a culture of openness surrounding issues of gender and gender identity; and providing students with a grounding in feminist theory, enabling them to engage in scholarship informed by feminist and gender-studies perspectives.

Required CORE courses: 9 credit hours

ENG 3420 Women's Literature (3)	WST 2000 Introduction to Women's Studies (3)
HIS 3820 History and Gender (3)	

Interdisciplinary Electives: 9 credit hours

Select three courses (9 credit hours) from the following list:

HIS 2040 U.S. Women's History (3)	WST 2020 Internship (1-3)
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SOC 3720 Contemporary Families and Intimate Relationships (3)	WST 3850 Special Topics (3)
SOC 3830 Gender and Society (3)	WST 4850 Special Topics (3)
SOC 3920 Human Sexuality (3)	

Total: 18 credit hours

Women's Studies Course Descriptions – WST

WST 2000 INTRODUCTION TO WOMEN'S STUDIES (3)

Introduction to the impact of gender, the role of values, institutions, and socialization processes in the lives of women in our own and other cultures; contributions of various disciplines to the study of women; critical approaches and tools for doing research related to women's experience.

Prerequisite: none

Offered: as needed

WST 2020 INTERNSHIP (1-3)

To be performed at an approved institution.

Prerequisite: none

Offered: as needed

WST 3850 SPECIAL TOPICS IN WOMEN'S STUDIES (3)

Topics will vary, focusing on interdisciplinary work arising from feminist and gender scholarship.

Prerequisite: Permission of the program director

Offered: as needed

WST 4850 SPECIAL TOPICS (3)

Topics will vary, focusing on interdisciplinary work arising from feminist scholarship.

Prerequisite: Permission of the director

Offered: as needed

Interdisciplinary Studies Course Descriptions – IDS

IDS 2050 INTERNSHIP (1-4)

The internship course is designed to extend and promote student learning opportunities beyond the traditional classroom setting, allowing for professional application of theory-based skills. Students will pursue intentional, faculty guided learning objectives and actively reflect on what is being learned during the experience. The internship should be relevant to the students' vocational and career goals and promote personal and professional development. An undergraduate academic internship requires a minimum of 50 hours for one semester hour of credit. (Excludes externally accredited degree programs.)

IDS 2060 INTERNSHIP (1-4)

The internship course is designed to extend and promote student learning opportunities beyond the traditional classroom setting, allowing for professional application of theory-based skills. Students will pursue intentional, faculty guided learning objectives and actively reflect on what is being learned during the experience. The internship should be relevant to the students' vocational and career goals and promote personal and professional development. An undergraduate academic internship requires a minimum of 50 hours for one semester hour of credit. (Excludes accredited degree programs.)

Prerequisite: IDS 2050

IDS 2070 INTERNSHIP (1-4)

The internship course is designed to extend and promote student learning opportunities beyond the traditional classroom setting, allowing for professional application of theory-based skills. Students will pursue intentional, faculty guided learning objectives and actively reflect on what is being learned during the experience. The internship should be relevant to the students' vocational and career goals and promote personal and professional development. An undergraduate academic internship requires a minimum of 50 hours for one semester hour of credit. (Excludes externally accredited degree programs.) Prerequisite: IDS 2050 and IDS 2060

IDS 2100 READING CIRCLE (1)

The Reading Circle class is designed to promote self-selected reading, critical thinking, and reading comprehension. Students will typically read three books together as a class, and one individually. A changing variety of genres are offered every semester. Different sections may be taken for up to three hours of credit. This course uses an A, P, and F grading scale, but students may request a letter grade from the Office of the Registrar or through the myMU portal during the add/drop period. This course is a core requirement for any student who does not successfully complete at least one reading seminar in the Honors Program.

Prerequisite: Completion of 12 credit hours

Offered: fall and spring

IDS 2990 INDEPENDENT STUDY – CRC FELLOW CANDIDATE (1-3)

This course is intended for students within the Center for Research and Creativity Fellow Candidate's program. This course is intended to guide undergraduate students (primarily in their first or second year), from all academic disciplines, through the stages of discipline-specific research or creative projects. The total number of credits earned cannot exceed 4 credit hours.

Prerequisite: nomination for and acceptance into the CRC Fellow Candidate's program.

Offered: as needed

IDS 3550/4550 STUDY ABROAD (1-3) (GP)

The course is a cross-disciplinary class offered in one or more international locations by Methodist University faculty. The course involves hands-on research and/or a service component. Course learning objectives, content and disciplinary focus vary dependent on the course. The course requires travel and research on the ground in another country. The course may be repeated for up to 12 hours of credit (as study abroad course).

Prerequisite: none

Offered: as needed

IDS 4990 INDEPENDENT STUDY – CRC FELLOW (2-4)

This course is intended for students within the Center for Research and Creativity Fellows program. This course is intended to guide undergraduate students (primarily in their third or fourth year), from all academic disciplines, through the stages of discipline-specific research or creative projects. These projects must be of a high quality and to the standard of the upper-level students in the area of interest. This course can be cross listed with the departmental 4990 (or independent projects) courses.

Prerequisites: completion of IDS 2990 with a P, and acceptance into the CRC Fellows program. The total number of credit hours earned for the course cannot exceed 8 credit hours.

Offered: as needed

Methodist University Journey Course Descriptions – MUJ

MUJ 1100 METHODIST UNIVERSITY JOURNEY (2)

The course is designed to introduce students to strategies for a successful college experience. The course introduces the University curriculum and resources. The course also provides a forum for discussion of issues related to transitioning to college and the common challenges associated with the first-year experience. A student who is over 21 years of age or who has successfully completed 12 credit hours or more of transfer credit at an accredited college or university before entering Methodist University may waive this requirement. Credit received by AP, IB, CLEP, DANTES, or Dual Enrollment is excluded from the above exemption.

Prerequisite: none

Offered: fall and spring

MUJ 2200 METHODIST UNIVERSITY JOURNEY (1)

This course is designed to provide success strategies for the second-year student and to explore the relationship between a student's chosen major and the interdisciplinary resources of the University. A student who is exempt from MUJ 1100 is exempt from this requirement.

Prerequisite: MUJ 1100

Offered: fall and spring

MUJ 3300 METHODIST UNIVERSITY JOURNEY (1)

This course is the capstone of the MU Journey. Students will continue to explore and develop their chosen topic and presentation options. A student who is exempt from MUJ 1100 is also exempt from taking MUJ 3300.

Prerequisite: MUJ 2200

Offered: fall and Spring

HONORS PROGRAMS

The Honors Program is a reading and seminar discussion program for students with high academic credentials. The program includes a 5-semester reading series, special topics classes, and the Honors Project. The reading courses meet in a small seminar format to discuss the texts read. The program's students are an eclectic group of traditional and non-traditional students from many majors and countries. The program affords students, early course registration, credit toward three classes in the core (see below), club opportunities, better discussion and reading skills, and a small seminar environment.

Mission

The Honors Program is a reading and seminar discussion program that supplements the University's cores and majors. This interdisciplinary program fosters critical thinking, models ethical decision-making, promotes awareness of liberal arts tradition, and broadens awareness of culture. Completion of the program distinguishes students for further education and employment.

Goals

Students who complete the Honors Program seminars will have a reading knowledge of the texts assigned for the course and will develop critical reading and discussion skills.

Admission

Entering freshmen with a minimum high school GPA of 3.2 (on 4.0 scale) and a minimum SAT score of 1100 (or comparable ACT score) may apply to the program. In addition, UWC students may apply. Further, faculty, administrators, staff, and Honors Program students may nominate already enrolled

students, who are in good standing, for the program. Interested students may also seek admission by contacting one of the Co-Directors of the program. Current MU students, who are nominated or interested and have a minimum cumulative 3.0 GPA, will be considered for admission after an interview with a Co-Director or the submission of an accepted essay indicating the reasons for their interest in admission.

Requirements

Students must successfully pass each reading seminar. In addition, students must maintain a minimum 3.0 cumulative GPA to remain active in the program. Students with a lower GPA may continue in the program for one semester on probation at the discretion of the Co-Directors.

Honors Program hours count toward graduation. The reading seminars may be taken in any order; however, HON 3010 is best left for the 4th or 5th semester, as it requires students to make comparisons with texts from the other seminars. Students who successfully complete the five reading seminars receive six credit hours in the General Education curriculum. They may apply these six hours in any two of the following four General Education requirement categories: 1) global perspective elective; 2) humanities; 3) social science; or 4) liberal arts elective. Students who successfully complete one reading seminar are awarded one semester hour of credit for the IDS Reading Circle requirement.

As students who successfully complete the five reading seminars replace seven credit hours of core General Education credit with the reading seminars, they take only three credit hours more than other students. Students who successfully complete the five reading seminars and maintain a minimum 3.0 cumulative GPA are recognized as Honors Reading Seminars Graduates. Recognition as Honors Program Graduates also requires successful completion of the Honors Project.

Additional opportunities include early pre-registration, club events, a small seminar environment, and attention to reading strategies.

Honors Course Descriptions – HON

HON 1010 ANCIENT WORLD (NON-ROMAN) (2)

Introduction to critical reading methods. Readings in antiquity and in Greek civilization.

Prerequisite: none

Offered: fall

HON 1020 ANCIENT WORLD (ROMAN) AND MEDIEVAL TEXTS (2)

Introduction to genre, narration, and cultural context. Readings in Roman, Eastern, Medieval, and Asian philosophical texts.

Prerequisite: none

Offered: spring

HON 2000 SPECIAL TOPICS (1 or 3)

An elective course enriching the five-semester reading seminar program through selected events or additional readings. The precise content varies. The course can be repeated as the course title changes.

Prerequisite: Permission of the course instructor is required.

Offered: as needed

HON 2010 RENAISSANCE AND ENLIGHTENMENT TEXTS (2)

Introduction to modernity. Readings in Renaissance, Reformation, and Enlightenment texts.

Prerequisite: none

Offered: fall

HON 2020 NINETEENTH-CENTURY TEXTS (2)

Introduction to reception history. Readings in late eighteenth and nineteenth-century texts.

Prerequisite: none

Offered: spring

HON 3010 TWENTIETH-CENTURY TEXTS (2)

Introduction to ideological and de-centering readings. Readings in twentieth-century texts.

Prerequisite: successful completion of the third or fourth Honors Program reading seminar

Offered: fall

HON 4010 HONORS PROJECT (1 or 3)

Capstone project in which a student integrates the Honors Program, General Education requirements, and major. The 3 credits version of the course is a research project and presentation; the 1 credit version of the course is a directed reading seminar accompanying the student's capstone project in his/her major.

Prerequisites: for the 1 credit and 3 credits courses are successful completion of the five reading seminars, permission of the program Co-Directors, and a 3.0 minimum cumulative GPA

Offered: as needed

JUSTICE AND MILITARY STUDIES

CRIMINAL JUSTICE AND FORENSIC SCIENCE (A.A., B.S.)

Mission

The Criminal Justice Department seeks to provide students with a systems orientation to the field of criminal justice and a holistic view of behavior, conditions, and circumstances that produce crime and criminality. Crime, criminality, and the criminal justice system are studied from a social science perspective. Students acquire a knowledge base and comprehensive understanding of criminological theory as it applies to the causation, prevention, control, and treatment of criminal behavior. Students are provided the opportunity to study the application of forensic science within the context of the investigative process. The program provides students the opportunity to acquire the necessary skills in interpersonal communications, program and policy development, community organization, planning and research to function in a professional position in the field of criminal justice.

The Dr. Darl H. Champion Center for Excellence in Justice Administration resides within the College of Arts, Humanities, and Sciences and provides continuing education and training to justice professionals in North Carolina for the purpose of improving leadership and management abilities; developing knowledge, skills, and abilities that will allow criminal justice professionals to efficiently and effectively lead and administer criminal justice agencies; and developing ethical decision-making in justice professionals for the purpose of improving the quality of life and justice in North Carolina. Dr. Mark Bowman is the director.

Learning Outcomes

1. Students in the Criminal Justice major will demonstrate proficient knowledge of the causes of and responses to criminality.
2. Students in the Criminal Justice major will demonstrate research skills in conducting a major research project.
3. Students will analyze and develop an understanding of the purposes & function of the law in protecting the vulnerable in the CJ system.
4. Students will evaluate policy relevant questions and issues involving the various components of the CJ system: police, courts, and corrections.

Associate of Arts with a concentration in Criminal Justice

Required Courses: 6 credit hours

JUS 2410 Introduction to Criminal Justice (3)	JUS 3090 Criminology (3)
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Electives: 12 credit hours

Select four courses (12 credit hours) from any course with a JUS prefix.

Total: 18 credit hours

*Bachelor of Science in Criminal Justice

All students must earn a final grade of C or better in all courses taken in the Criminal Justice major.

Required Foundational Courses: 9 credit hours

PSC 1510 American Government (3)	SOC 1510 Principles of Sociology (3)
PSY 1010 General Psychology (3)	

Required Major Courses: 33 credit hours

*JUS 2200 Applied Statistics (3)	JUS 3320 Research Methods (3)
JUS 2410 Introduction to Criminal Justice (3)	JUS 3900 Victimology (3)
JUS 3090 Criminology (3)	JUS 4200 Ethical Foundations of Criminal Justice (3)
JUS 3100 Law and the Legal System (3)	JUS 4500 Seminar in Criminal Justice (3)
JUS 3200 The Correctional Process (3)	**JUS4700 Internship (3)
JUS3300 Police in an Urban Society (3)	

**MAT 2200, PSY 2500 or SOC 2200 may be substituted in place of JUS 2200.*

***A 3000-4000 level JUS or LAW course may be substituted with permission of the Division Head.*

Electives: 12 credit hours

Select four courses (12 credit hours) from any course with a JUS prefix or any 3000-level Legal Studies course (LAW prefix) not already required for the major.

Total: 54 credit hours

*Minor in Criminal Justice

Required Courses: 6 credit hours

JUS 2410 Introduction to Criminal Justice (3)	JUS 3090 Criminology (3)
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Electives: 12 credit hours

Select four courses (12 credit hours) from any course with a JUS prefix.

Total: 18 credit hours

Bachelor of Science in Forensic Science

All students must earn a final grade of C or better in all courses taken in the Forensic Science major.

Required Foundational Courses: 9 credit hours

PSC 1510 American Government (3)	SOC 1510 Principles of Sociology (3)
PSY 1010 General Psychology (3)	

Required Criminal Justice Courses: 15 credit hours

*JUS 2200 Applied Statistics (3)	JUS 3320 Research Methods (3)
JUS 2410 Introduction to Criminal Justice (3)	**JUS4700 Internship (3)
JUS 3090 Criminology (3)	

**MAT 2200, PSY 2500 or SOC 2200 may be substituted in place of JUS 2200.*

***A 3000-4000 level JUS or LAW course may be substituted with permission of the Division Head.*

Required Major Courses: 30 credit hours

JUS 2420 Introduction to Forensic Science (3)	JUS 4010 The Investigative Process (3)
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JUS 3150 Drugs, Crime, and Society (3)	JUS 4100 Medicolegal Investigation of Death (3)
JUS 3960 Criminal Profiling (3)	JUS 4150 Forensic Firearm Identification (3)
JUS 3970 Crime Scene Investigation (3)	JUS 4160 Forensic Photography (3)
JUS 3980 Advanced Crime Scene Investigation (3)	JUS 4400 Crime Scene Reconstruction (3)

Total: 54 credit hours

Minor in Digital Forensics

All students must earn a final grade of C or better in all required coursework for the minor in Digital Forensics.

Required Courses: 18 credit hours

JUS 2410 Introduction to Criminal Justice (3)	JUS 2500 Digital Crime Investigation (3)
JUS 2430 Introduction To Cybercrime (3)	JUS 3600 Basic Data Recovery (3)
JUS 2450 Cybercrime Law and Ethics (3)	JUS 4650 Mobile Device Forensics (3)

Total: 18 credit hours

Minor in Forensic Science

All students must earn a final grade of C or better in all required coursework for the minor in Forensic Science.

Required Courses: 21 credit hours

JUS 2420 Introduction to Forensic Science (3)	JUS 4010 The Investigative Process (3)
JUS 3890 Criminal Evidence and Procedure (3)	JUS 4100 Medicolegal Investigation of Death (3)
JUS 3960 Criminal Profiling (3)	JUS 4150 Forensic Firearm Identification (3)
JUS 3970 Crime Scene Investigation (3)	

Total: 21 credit hours

Note: The Director of the Forensic Science Program, with the approval of the Division Head, may allow a non- Criminal Justice Major to take a Forensic Science class without taking the necessary Criminal Justice prerequisites. Such students will be limited to nine hours of Forensic Science Classes.

Criminal Justice and Forensic Science Course Descriptions - JUS

JUS 2200 APPLIED STATISTICS (3)

Descriptive and inferential statistics, the logic of probability and hypothesis testing with emphasis on applications in social science research. Statistics covered include measures of central tendency, variability, association, and tests of significance.

Prerequisite: MAT 1050 or higher, or permission of division head

Offered: fall and spring

JUS 2410 INTRODUCTION TO CRIMINAL JUSTICE (3)

A study of the American criminal justice system to include the history, philosophy, responsibilities, and functions of the police, courts, and corrections components. Emphasis is placed on role expectations and interrelationships of the various components and the need to promote professionalism through education, training, and ethical standards.

Prerequisites: none

Offered: fall and spring

JUS 2420 INTRODUCTION TO FORENSIC SCIENCE (3)

This course provides a broad overview of the application of scientific principles to the judicial process. Special attention is focused on the disciplines of criminalistics, forensic medicine, and forensic anthropology. Emphasis centers on the physical and biological aspects of physical evidence that lend

themselves to the identification and comparison process and on the analytical scientific capabilities available to the criminal justice professional.

Prerequisite: none

Offered: fall and spring

JUS 2430 INTRODUCTION TO CYBERCRIME (3)

This course introduces and explains the various types of offenses that qualify as cybercrime activity. Emphasis is placed on identifying cybercrime activity and the response to these problems from both the private and public domains.

Prerequisite: none

Offered: fall and spring

JUS 2450 CYBERCRIME LAW AND ETHICS (3)

This course covers the applicable technological laws dealing with the regulation of cybersecurity and criminal activity, as well as the ethical considerations and accepted standard practices applicable to technological investigations and computer privacy issues relative to the cybercrime investigator. Topics include an examination of state, federal and international laws regarding cybercrime with an emphasis on both general and North Carolina statutes, illegal and unethical investigative activities, end-justifying-the means issues, and privacy issues of massive personal database information gathered by governmental sources.

Prerequisite: none

JUS 2470 OPERATING SYSTEMS AND PROGRAMMING CONCEPTS (3)

This course explores both Windows and non-Windows operating systems. Students will gain experience using various operating systems to gather data for a forensic investigation. Students will also use Python scripting to pull data from hard drives for forensics analysis.

Prerequisite: none

JUS 2500 DIGITAL CRIME INVESTIGATION (3)

This course introduces the fundamental principles of computer crime investigation processes. Topics include crime scene/ incident processing, information gathering techniques, data retrieval, collection and preservation of evidence, preparation of reports and court presentations.

Prerequisite: none

JUS 2510 NETWORKING CONCEPTS (3)

This course introduces students to the networking field. Topics include network terminology and protocols, local-area networks, wide-area networks, OSI model, cabling, router programming, Ethernet, IP addressing, and network standards.

Prerequisite: none

JUS 2550 HARDENING THE ENTERPRISE NETWORK (3)

This course introduces the concepts and issues related to securing information systems and the development of policies to implement information security controls. Topics include the historical view of networking and security, security issues, trends, security resources, and the role of policy, people, and processes in information security.

Prerequisites: JUS 2510

JUS 2600 INTRODUCTION TO CLANDESTINE LABS (3)

This course offers an introduction to, and examination of, illegal drug production laboratories. Clandestine drug operations generate a wide variety of law enforcement, social, societal,

socioeconomic, and environmental problems. This course is designed to examine these problems. The course is comprised of three modules: Module 1 covers law enforcement issues; Module 2 covers societal issues; and Module 3 covers environmental and economic issues.

Prerequisite: none

Cross-listed with ENM 2600 and SWK 2600

Offered: spring

JUS 2650 CYBER THREATS AND COUNTERINTELLIGENCE (3)

Students will define advanced persistent threat and its role in the use of intelligence gathering for corporations, terrorist groups, and foreign nations. Students will be able to identify the various threat and attack vectors and use this information to develop an overall plan to help reduce risks within the enterprise.

Prerequisite: none

JUS 3090 CRIMINOLOGY (3)

The nature and types of delinquent and criminal behavior; the nature of the criminal and the crime; social, cultural, and psychological factors involved in illegal behavior; control and prevention; police, courts, probation, and correctional institutions.

Prerequisite: none

Offered: fall and spring

JUS 3100 LAW AND THE LEGAL SYSTEM (3)

This course examines the traditions and historical development of the law in America, emphasizing the judicial process. Topics include the types and sources of law, the structure and functions of the state and federal court systems, civil and criminal law procedure, and judicial governance with special attention placed on the U.S. Supreme Court.

Prerequisite: none

Cross-listed: LAW 3100 and PSC 3100

Offered: spring

JUS 3150 DRUGS, CRIME, AND SOCIETY (3)

A study of the impact of drugs of abuse on crime and society. Students will explore physiological and psychological effects of drugs, criminal activity associated with the illicit drug trade and drug use, police methods to investigate drug crimes, and the risks of undercover police work. Students will analyze the pros and cons of drug legalization strategies.

Prerequisite: none

Offered: fall and spring

JUS 3200 THE CORRECTIONAL PROCESS (3)

A study of the post-conviction corrections process of the criminal justice system with a focus on the evolution of philosophies, programs, strategies, and policies. Emphasis will be placed on the current crisis in American corrections.

Prerequisite: none

Offered: fall, and spring as needed

JUS 3250 THEORIES AND TECHNIQUES OF LEADERSHIP (3)

Examines theories and models of leadership and their practical application in different organizations and settings. The course addresses the structure of organizations and the styles of leadership effective in different situations. Students learn practical skills such as group process, problem solving, active

listening, and effective presentation techniques. Designed to provide leadership practice and confidence.

Prerequisite: none

Cross-listed with LSS 3250

Offered: ad needed

JUS 3300 POLICE IN AN URBAN SOCIETY (3)

A study of the historic and current mission of the police in an urban society. Problems associated with law enforcement are evaluated from the perspective of the sociology of the urban sub-communities. Emphasis is placed on the police as an element within the criminal justice system and on innovative policing strategies.

Prerequisite: none

Offered: spring

JUS 3320 METHODS OF SOCIAL RESEARCH (3)

This course covers the scientific method and research design, including an introduction to quantitative and qualitative data collection and analysis. The student will develop an original research proposal.

Prerequisites: none

Cross-listed: SOC 3320 and SWK 3320

Offered: fall and spring

JUS 3400 PENETRATION TESTING AND VULNERABILITY SCANNING (3)

This course introduces students to penetration testing, network vulnerabilities, and hacking. Topics include an overview of traditional network security, system hardening, and known weaknesses.

Prerequisites: JUS 2510

JUS 3600 BASIC DATA RECOVERY (3)

This course introduces the unique skills and methodologies necessary to assist in the investigation and prosecution of cybercrimes. Topics include hardware and software issues, recovering erased files, overcoming encryption, advanced imaging, transient data, Internet issues and testimony considerations.

Prerequisites: JUS 2500

JUS 3750 FUTURE-ORIENTED LEADERSHIP (3)

A study of the leadership styles, abilities, and tools necessary to anticipate future trends and strategies to maximize benefits while minimizing threats. Future techniques to be discussed include Environmental Scanning, Delphi Technique, Brainstorming, Historical Perspective, Scenarios, and Trend Analysis.

Emphasis will be placed on visionary leadership, transformational leadership, and paradigm pioneering.

Prerequisite: none

Cross-listed with LSS 3750

Offered: as needed

JUS 3890 CRIMINAL EVIDENCE AND PROCEDURE (3)

A study of criminal law and various theories of criminal evidence available to prosecutors. Emphasis is placed on legal principles governing forensic analysis and the handling of evidence during a criminal investigation.

Prerequisites: none

Cross-listed with LAW 3890

Offered: fall

JUS 3900 VICTIMOLOGY (3)

The course will examine the multifaceted problems of criminal victimization. Special emphasis will be placed on definitions of victimization, characteristics of victims, treatment of victims in the criminal justice system, and efforts designed to alleviate the consequences of victimization. The role of victimology in the conduct of criminal investigations will be reviewed.

Prerequisites: none

Offered: spring

JUS 3960 CRIMINAL PROFILING (3)

The course introduces the student to a general overview of the various typologies and classification models by which offenders are profiled. Past and present profiling models are reviewed with an emphasis on the emerging scientific field of investigative psychology. Various examples of crime scenes will be studied for the purpose of understanding how investigators utilize information and evidence obtained from the crime scenes to create a profile of the offender.

Offered: fall

JUS 3970 CRIME SCENE INVESTIGATION (3)

A course designed for specialized forensic training for students interested in the forensic science concentration and Criminal Justice major. The student will conduct hands-on training in a laboratory setting with state-of-the-art alternate light sources, imaging devices, fingerprint developing techniques, and other forensic science devices and instruments. The student will be provided an overview of impression evidence, evidence collection, and crime scene processing. An off-campus trip to the State Bureau of Investigation Laboratory will be planned during the semester.

Prerequisites: JUS 2420, JUS 4160 or permission of instructor or division head

Offered: fall and spring

JUS 3980 ADVANCED CRIME SCENE INVESTIGATION (3)

The study of advanced photography techniques, investigative processes, and techniques available to the crime scene technician, and homicide or violent crimes investigator. Students will learn advanced crime scene and evidence processing techniques utilizing various chemicals to identify and develop fingerprints and biological evidence. Students will utilize advanced photography techniques to photograph evidence in the ultraviolet and infrared spectrum. Emphasis will be on standards set forth by Scientific Working Groups (SWG), the National Academy of Sciences (NAS) Report on forensic science, and the International Association of Identification. This course is laboratory (hands-on) exercise extensive.

Prerequisites: JUS 2420, JUS 3970, and JUS 4160, or permission of instructor or division head

JUS 4010 THE INVESTIGATIVE PROCESS (3)

A study of the criminal investigative process to include the application of criminalistics, forensic medicine, and the behavioral sciences to the successful solution of criminal cases. Emphasis is placed on the application of the scientific method to the investigative process.

Prerequisite: JUS 2420 or permission of instructor or division head

Offered: fall and spring

JUS 4040 POLICE AND THE CONSTITUTION (3)

A study of the laws of arrest, search and seizure, and confessions; legal aspects of entrapment; legal constraints of deadly force; and other legal issues affecting police. Emphasis is placed on the case study approach and analytical reasoning.

Prerequisite: JUS 2410 or permission of instructor or division head.

Offered: fall (odd years)

JUS 4050 NETWORK FORENSICS AND INCIDENT RESPONSE (3)

This course explores incident response and network forensics. Students will explore Incident Response from a management and operational perspective; in addition, experience will be gained in responding to internal and external attacks, as well as recovering forensic evidence from a network.

Prerequisite: JUS 2510

JUS 4100 MEDICOLEGAL INVESTIGATION OF DEATH (3)

A study of the legal and forensic concepts and procedures for the medico-legal investigation of death due to natural, accidental, suicidal, or criminal reasons. Special emphasis will be placed on use of anatomy and medical terminology, death investigation techniques, and various causes of death.

Prerequisite: JUS 4010 or permission of instructor or division head

Offered: fall and spring

JUS 4150 FORENSIC FIREARMS IDENTIFICATION (3)

A specialized forensic science course designed for students interested in a forensic science concentration and Criminal Justice major. This course is designed to provide the student an overview of how firearms and ammunition differ by design, manufacturer, load, and caliber, and how the design impacts lethality, wound pattern, and deposition of forensic evidence. Students will be exposed to real firearms of different calibers and will be allowed to attend a firearms range with an emphasis on studying different effects of different caliber weapons.

Offered: fall and spring

JUS 4160 FORENSIC PHOTOGRAPHY (3)

A study of forensic photography, documenting crime scenes and evidence with still photography, and the fundamentals of cameras and camera systems. Forensic photography differs from everyday and portrait photography in many ways. However, the basic understanding of how a camera operates, and how aperture, shutter speed, and other adjustments on the camera affect the photograph are very similar. Every crime scene technician, detective, or CSI must have a basic understanding of how to properly document and preserve crime scenes to be effective at their job. Photographs are worth a thousand words and are frequently very compelling evidence in a criminal trial.

Prerequisite: JUS 2420, or permission of instructor or division head

JUS 4200 ETHICAL FOUNDATIONS OF CRIMINAL JUSTICE (3)

A study of the basic concepts, arguments, and methods of ethics as they apply to those who work in the field of criminal justice. Students will be introduced to the classic theories of normative ethics. Emphasis is placed on the case study approach and ethical decision-making.

Prerequisite: Junior standing or permission of the division head.

Cross-listed: PHI 4200

Offered: fall

JUS 4250-4350 SPECIAL TOPICS IN CRIMINAL JUSTICE (3)

Courses will be offered, as needed, in areas of special interest such as forensic science, crime prevention, criminal justice administration, organized crime, judicial process, private security, and criminal justice planning.

Prerequisite: permission of instructor or division head

JUS 4400 CRIME SCENE RECONSTRUCTION (3)

After studying the theory of reconstructing crime scenes, students will process and reconstruct a mock crime scene with bloodstain, bullet, and other physical evidence, utilizing advanced crime scene equipment, bullet- trajectory lasers, bloodstain pattern analysis equipment, panoramic photography software, and crime scene sketch software.

Prerequisites: JUS 2420, JUS 3970, JUS 3980, and JUS 4160 or permission of the division head

JUS 4450 SOCIAL MEDIA AND CLOUD SECURITY (3)

Students will be introduced to the fundamental concepts of cloud computing and social media. Best practices will be investigated and how an information security framework can be developed for the enterprise to reduce risk for social media and cloud computing. Challenges with cloud and social media forensics will be investigated.

Prerequisite: none

JUS 4500 SEMINAR IN CRIMINAL JUSTICE (3)

Senior level course focusing on a critical evaluation of policies and programs in the criminal justice system. Emphasis is placed on the preparation of a senior research paper with visual presentation.

Prerequisites: JUS 2410, JUS 3090, (SOC 2200, MAT 2200, or PSY 2500), and JUS/SOC 3320 or permission of the division head

Offered: fall and spring

JUS 4540 JUVENILE JUSTICE (3)

This course provides the student with an understanding and overview of the Juvenile Justice system.

Topics include juvenile delinquency, theories of delinquency, juvenile delinquency prevention, the juvenile court process, and juvenile corrections.

Offered: fall and spring

JUS 4550 TERRORISM AND THE HOMELAND SECURITY RESPONSE (3)

A study of the terrorist threat in America and the creation of the Office of Homeland Security to address that threat. Emphasis will be placed on examining the attack on September 11, 2001 and the government's response via creation of the Office of Homeland Security. The nature of the terrorist threat, organization of the Office of Homeland Security, risk assessment models, and special programs and legislation created to address the terrorist threat will be discussed.

Offered: spring

JUS 4650 MOBILE DEVICE FORENSICS (3)

This course explores the recovery of forensic evidence from mobile devices. Emphasis will be placed on the functionality and recovery of evidence from major smart phone operating systems. Additional topics include legal considerations specific to mobile device seizure and investigation result reporting.

Prerequisites: JUS 2500 or permission of the division head

JUS 4700 INTERNSHIP IN CRIMINAL JUSTICE (3)

Experiential learning in an approved criminal justice agency for supervised practical experience through a ten- week placement at a criminal justice agency. The student is assigned duties and responsibilities approved by the faculty member and on-site supervisor. Minimum requirement of 120 hours in the field agency and participation in a weekly seminar. Supervision and evaluation is conducted by the faculty member and the on-site professional. Written reports and evaluations are required at the completion of the internship. Students must apply for the internship during early-registration prior to taking the course. ALL internships must be approved by the division head prior to the beginning of the internship.

Please note: students must register for the internship course during the same semester they are completing the internship. For example, you cannot register for an internship class in the fall for an internship completed over the summer. Prerequisites: junior standing and a cumulative GPA of 2.3 or higher or permission of the division head Cross-listed: LAW 4700
Offered: fall and spring

JUS 4990 INDEPENDENT STUDY IN CRIMINAL JUSTICE (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major.

Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined.

LEGAL STUDIES

The Legal Studies minor at Methodist University is designed to prepare students for jobs in the legal, business fields and other professions. This minor can be taken with any major.

Mission

To prepare students in the Legal Studies program for careers in the legal profession.

Goals

- To substantially improve students' knowledge about the law and the legal system.
- To ensure students demonstrate the skills and abilities needed to enter the workforce as a paralegal professional.

Students interested in Pre-Law should see Wendy Vonnegut, J.D., the Pre-Law Advisor in the Department of Criminal Justice.

No major is particularly recommended for students interested in attending law school. The student must secure a strong, broad educational background that develops the ability to read and comprehend, to speak and write clearly and correctly, and to think precisely and analyze complex factual situations. In addition to courses in the core curriculum and the major, students interested in law school should have courses in advanced expository writing, logic and ethics, political science, American and English history, Latin or a modern foreign language, accounting, sociology, psychology, and economics. Computer proficiency is essential.

The Legal Studies program is approved by the American Bar Association. The North Carolina Bar Association has approved the Legal Studies program for students to take the North Carolina Paralegal Certification exam.

Note: *A legal assistant may not practice law, give legal advice, or represent clients in a court of law; to do so would be the Unauthorized Practice of Law and a violation of the Code of Ethics for the American Bar Association.*

Minor in Legal Studies

Required Core Courses: 12 credit hours

LAW 2000 Introduction to Legal Studies (3)	LAW 3200 Legal Research and Writing (3)
LAW 3100 Law and the Legal System (3)	*LAW 4700 Internship (requires 120 contact hours) (3)

**Students pursuing a major in Criminal Justice and a minor in Legal Studies are only required to complete one internship. Students choosing this option must have the internship approved not only by the division head, but also by the Director of Legal Studies. JUS 4700 and LAW 4700 are interchangeable.*

Elective Courses: 9 credit hours

Select three courses (9 credit hours) from the list below. Two of the three courses selected (6 credit hours), must be legal specialty courses denoted with an asterisk.

*LAW 2500 Environmental Regulations (3)	*LAW 3890 Criminal Evidence & Procedure (3)
*LAW 3520 Business Law I (3)	*LAW 3900 Administrative Law (3)
*LAW 3700 Tort Law (3)	*LAW 3910 Negotiations (3)
*LAW 3710 Contract Law (3)	*LAW 3920 Real Property Law (3)
*LAW 3770 Employment Law (3)	*LAW 3940 Wills, Trusts, Estate Planning & Probate (3)
*LAW 3780 Labor Law Relations Law (3)	*LAW 3960 Family Law (3)
*LAW 3820 Business Organizations (3)	*LAW 3980 Litigation (3)
LAW 3850 The Living Constitution (3)	LAW 4850 Special Topics (3)
*LAW 3880 Bankruptcy Law (3)	LAW 4990 Independent Study (1-3)

Transfer Policy Note: 12 credit hours of the 21 required for the minor in Legal Studies must be completed in a traditional classroom setting at Methodist University.

Total: 21 credit hours

Legal Studies Course Descriptions - LAW

LAW 2000 INTRODUCTION TO LAW (3)

An introductory course designed to cover the responsibilities and standards governing paralegals/legal assistants. An overview of the major specialty practice areas within the law, with an emphasis upon the research and analysis methods for each specialty area. Research methods involving career opportunities are part of the course. Legal terminology and Communications will be emphasized. Legal ethics is an integral part of this course. The Introductory class has a dual purpose: to give an overview for the field of practice; and, to give the students sufficient knowledge and expertise to choose from the Elective course offerings. Legal Terminology and Communications are two of the law subjects that are tested in the Certified Legal Assistant Examination. This course is offered every fall and spring semester.

Prerequisite: none

LAW 2500 ENVIRONMENTAL REGULATIONS I (3)

Use of Code of Federal Register (CFR), US environmental laws and regulations including: CERCLA: Comprehensive Environmental Response & Compensation Liability Act (Superfund) EPCRA (SARA Title III): Emergency Planning Community Right To Know Act NEPA: National Environmental Policy Act OSHA: Occupational Safety and Health Administration: 29 CFR 1910 RCRA: Resource Conservation Recovery Act (Cradle to Grave) SARA: Superfund Amendments and Reauthorization Act TSCA: Toxic Substances Control Act CWA: Clean Water Act SDWA: Safe Drinking Water Act CAA: Clean Air Act HWDA: Hazardous Waste Disposal Act Primary function: Development of practical approaches to meet compliance and liability requirements of applicable laws and regulations. Secondary functions: Sources and regulations of air and drinking water pollution, wastewater treatment and discharge, remediation programs, and reporting of release of pollutants into the environment.

Prerequisite: none

Cross-listed with ENM 2500

Offered: fall (odd years)

LAW 2510 CARIBBEAN NATURAL RESOURCES AND LAW (3) (GP)

This course will expose students to a different culture and language for one week. Site visits and lectures will focus on the host country. Emphasis will be given to speaking Spanish and understanding the role of Puerto Rico's unique and distinctive culture in the following areas: rain forests, coastal resources, eco-tourism, industry, management, and legal issues.

Prerequisite: none

Cross-listed with ENM 2510

Offered: every other fall

LAW 3100 LAW AND THE LEGAL SYSTEM (3)

This course examines the traditions and historical development of the law in America, emphasizing the judicial process. Topics include the types and sources of law, the structure and functions of the state and federal court systems, civil and criminal law procedure, and judicial governance with special attention placed on the U.S. Supreme Court.

Prerequisite: none

Cross-listed with PSC 3100 and JUS 3100

Offered: spring

LAW 3200 LEGAL RESEARCH AND WRITING (3)

The course provides comprehensive coverage of their resources, methods, and processes critical to successful practice in the field of law, as well as preparation for law school. Legal ethics is an integral part of this course. The course is designed to fully integrate the use of hard copy and on-line law, and law related, research materials. Legal research and writing skills are critical to success in the field of law. Research, analysis, and legal writing methods are the focus of this course. The techniques used in making critical judgments, analytical decisions, and study methods are emphasized in the course. Legal Research, Judgment and Analytical Ability are two of the law subjects that are tested in the Certified Legal Assistant Examination.

Prerequisite: none

Offered: spring

LAW 3520 BUSINESS LAW I (3)

The organization and theory of the American legal system and its relationship with the business environment, including contracts, tort law, and parts of the Uniform Commercial Code and its provisions concerning sales, the law of agency, and employment law.

Prerequisites: ENG 1040 or permission of the instructor, division head, or college dean.

Cross-listed with BUS 3520

Offered: fall and spring

LAW 3700 TORT LAW (3)

An overview of Tort law. A study of case law and of motion practice. Students will be taught an overview of the practice of Tort law to include issues such as civil wrongs, remedies, product liability and negligence in general. Remedies will also be addressed. Legal ethics is an integral part of this course.

Prerequisite: none

Offered: fall (even years) or as needed

LAW 3710 CONTRACT LAW (3)

This course covers the foundations of Contract law. Students will be taught an overview of the practice of Contract law to include issues such as civil wrongs, breeches of contracts, Uniform Commercial Code

and the area of contract formation. Students will also be taught the necessary procedures to enforce contracts. Legal ethics is an integral part of this course.

Prerequisite: none

Offered: spring (odd years) or as needed

LAW 3770 EMPLOYMENT LAW (3)

An overview of Employment Law in the workplace. A study of case law, regulations, and statutes on such issues as Title VII and Civil Rights Act. The Americans with Disabilities Act, Age Discrimination, National Origin Discrimination, and other areas of Employment Law. Students will also be taught various issues of Employment law such as interviewing and job performance evaluations.

Prerequisite: none

Cross-listed with BUS 3770

LAW 3780 LABOR RELATIONS LAW (3)

This course is a focus of the legal relationship between corporations and collective bargaining agents. It involves unionization, maintaining union free status, and de-unionization. Labor law draws upon the management functions of planning, organizing, leading, and controlling within both structural and behavior contexts. Emphasis is given to the role of managers within a broader society of laws, interpersonal relationships, inter-group relations, and leadership. Student groups (teams) are created and used throughout the course to study the course content through case studies and experience the dynamics of resolving cases.

Prerequisite: none

Cross-listed with BUS 3780

LAW 3820 BUSINESS ORGANIZATIONS (3)

The course covers the legal foundations for the practice of Business Law, and the creation, practice, and dissolution of business organizations. It is designed to give a minimum overview, with an emphasis on current practices. The tax consequences of Business Organizations are covered only in overview format. Legal ethics is an integral part of this course. Business Organizations is one of the law subjects that is tested in the Certified Legal Assistant Examination.

Prerequisite: none

Offered: spring (even years)

LAW 3850 THE U.S. CONSTITUTION (3)

Prayer in schools, abortion, gay rights, burning the American flag, term limits-these are some of the constitutional issues this course examines as it studies the actors and actions that develop constitutional law. Topics include leading Supreme Court decisions, the amending process, separation of powers, federalism, economic liberties, civil liberties, civil rights, and due process.

Prerequisite: none

Cross-listed with PSC 3850

Offered: fall (odd years)

LAW 3890 CRIMINAL EVIDENCE AND PROCEDURE (3)

A study of criminal law and various theories of criminal evidence available to prosecutors. Emphasis is placed on legal principles governing forensic analysis and the handling of evidence during a criminal investigation.

Prerequisites: none

Cross-listed: JUS 3890

Offered: fall

LAW 3900 ADMINISTRATIVE LAW (3)

The course covers the administrative law field, Federal and state. The emphasis of the course is on the rules, regulations, and interpretations of the regulatory practice of Administrative Law. It is directly applicable to research and analysis methods of other discipline areas that are controlled by Federal, state, and county regulations. Legal ethics is an integral part of this course. Administrative Law is one of the law subjects that is tested in the Certified Legal Assistant Examination.

Prerequisite: none

Offered: spring (even years)

LAW 3910 NEGOTIATIONS (3)

This course is a focus study of the management topic of negotiation. Negotiation draws upon the management functions of planning, organizing, leading, and controlling within both structural and behavioral contexts. Emphasis is given to individual behavior, interpersonal relationships, small groups, inter-group relations, and leadership. Student groups (teams) are created and used throughout the course to study the course content through case studies and to experience the dynamics of negotiating.

Prerequisite: none

Cross-listed with BUS 3910

LAW 3920 REAL PROPERTY LAW (3)

The course covers the legal foundations of Property Law and the practice of Real Estate Law. The focus is on the underlying principles that define what it is to control property. The control over real estate is taught in conjunction with the known principles of Property Law. Legal ethics is an integral part of this course. Real Estate Law is one of the law subjects that is tested in the Certified Legal Assistant Examination.

Prerequisite: none

Offered: fall (odd years)

LAW 3940 WILLS, TRUSTS, ESTATE PLANNING AND PROBATE (3)

The course covers the legal principles of the creation of wills and trusts. The activities of estate planning are covered for the procedures of current practice. The law of Probate is covered with an emphasis upon the underlying principles being applied to current practice. Legal ethics is an integral part of this course. Estate Planning and Probate is one of the law subjects that is tested in the Certified Legal Assistant Examination.

Prerequisite: none

Offered: fall (even years)

LAW 3960 FAMILY LAW (3)

The course covers the legal principles that govern family law, within the practice of creation, dissolution, and management of family units. The legal management of the family unit is covered through various societal settings: individual family; education; welfare; and other current practice areas. Legal ethics is an integral part of this course. Family Law is one of the law subjects that is tested in the Certified Legal Assistant Examination.

Prerequisite: none

Offered: fall (even years)

LAW 3980 LITIGATION (3)

The course covers all aspects of litigation: the procedure (Civil and Criminal); the process; document preparation; research and analysis of the production of documents; and the applicable court rules (Federal and state) that govern the litigation process. Management of complex calendars, document

analysis, and document production is emphasized. Legal ethics is an integral part of this course. Litigation is one of the law subjects that is tested in the Certified Legal Assistant Examination.

Prerequisite: none

Offered: fall (odd years)

LAW 4700 INTERNSHIP (3)

The internship provides a structured, supervised, career experience within the field of law. Legal ethics is an integral part of this course. Placement in the work environment requires that the student have successfully completed all required paralegal courses with an overall grade point average of a 3.0 in those courses as well as completed half of the elective courses. The students are required to complete 120 contact hours. Please note students must register for the internship course during the same semester they are completing the internship. For example, you cannot register for an internship class in the fall for an internship completed over the summer. Cross listed with JUS 4700. Students using a JUS internship to fill this requirement must get approval from both the division head and the director of legal studies.

Prerequisites: Permission from the Director of the program and division head

Cross-listed with JUS 4700

Offered: fall and spring

LAW 4850 SPECIAL TOPICS IN LEGAL STUDIES (3) (GP)

Reading and research, reports and discussion of selected topics in the Law. Open to Paralegal minors, Political Science majors, and others by permission of the Director of Paralegal Studies. Topics vary and are announced in advance of each offering. Past topics include Sport and Entertainment Law and Employment Law.

Prerequisite: none

Offered: as needed

LAW 4990 INDEPENDENT STUDY IN LEGAL STUDIES (1-3)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by the Vice President for Academic Affairs. Credits to be determined.

MILITARY SCIENCE AND RESERVE OFFICER TRAINING CORPS (ROTC)

Mission

The Army ROTC program at Methodist University educates and mentors adaptive leaders with critical thinking skills and the moral character to lead our Nation's Army and win in a complex world. The program prepares college students to be officers and leaders of character in the Total Army. The program offers a Minor in Military Science.

Scope

The Army ROTC Program is progressive in nature and is composed of a Basic and Advanced Course. Enrollment in the Basic Course is open to all full-time freshmen and sophomores. Completion of the Basic Course is a prerequisite for Advanced Course application. A student who enrolls in the Basic Course does not incur any obligation to serve in the Army. Prior military service or high school JROTC experience may result in direct placement in the Advanced Course if they are an academic junior. Entrance into the Advanced Course is selective and is based upon demonstrated performance and leadership potential. Students who satisfactorily complete the Advanced Course are commissioned Second Lieutenants upon graduation.

Minor in Military Science

Required Courses: 21 credit hours

HIS 4210 The American Military Experience (3)	MSL 3010 Training Management and the Warfighting Functions (3)
MSL 1010 Introduction to the Army and Critical Thinking (1)	MSL 3020 Applied Leadership in Small Unit Operations (3)
MSL 1020 Introduction to Tactical Leadership (1)	MSL 4010 Mission Command and the Army Profession (3)
MSL 2010 Leadership and Decision Making (2)	MSL 4020 Mission Command and the Company Grade Officer (3)
MSL 2020 Foundations of Tactical Leadership (2)	

Note: Credits for MSL 1010, 1020, 2010, and 2020 may be awarded if the student has completed U.S. Army Basic Training and Advance Individual Training as listed on an official Joint Services Transcript (JST). Credits will be determined by the Office of Transfer Student Services.

Total: 21 credit hours

Military Science Course Descriptions - MSL

LEADERSHIP LAB (0)

Leadership lab and physical fitness training is for all students enrolled in a Military Science class (1010/1020, 2010/2010, 3010/3020, 4010/4020) and is conducted in a non-classroom environment that includes freshmen, sophomores, juniors and seniors. This lab is designed to provide a program of leadership application in a structured developmental process. Lab is mandatory for all contracted Cadets.

MSL 1010 INTRODUCTION TO THE ARMY AND CRITICAL THINKING (1)

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 critical thinking, time management, goal setting, stress management, and comprehensive fitness relate to leadership, and the Army profession. One lecture hour per week.

Prerequisite: none

Offered: fall

MSL 1020 INTRODUCTION TO TACTICAL LEADERSHIP (1)

Introduces cadets to the personal challenges and competencies that are critical for adaptive leadership. Cadets learn the basics of the communications process and the importance for leaders to develop the essential skills to effectively communicate in the Army. Students will examine the Army Profession and what it means to be a professional in the U.S. Army.

Offered: spring

MSL 2010 LEADERSHIP AND DECISION MAKING (2)

Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced planning, executing, and assessing team exercises.

Offered: fall

MSL 2020 FOUNDATIONS OF TACTICAL LEADERSHIP (2)

Examines the challenges of leading teams in the complex operational environment. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the

theoretical basis of the Army Leadership Requirements Model 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.

Offered: spring

MSL 2500 LEADERS TRAINING COURSE (3)

An intensive practical application of leadership and military skills to satisfy basic course prerequisite for enrollment into the Advanced ROTC Program Courses leading to commissioning as an officer in the U.S. Army upon graduation. Four-week summer program at Fort Knox, Ky. for students from universities and colleges throughout the nation.

Prerequisite: This training course is only open to cadets that have met the training requirements and have been approved by the Assistant Professor of Military Science. Advanced ROTC Program Courses Only contracted Army ROTC Cadets may enroll in the advance course of military science. Cadets in the advanced courses are required to participate in leadership labs and physical training sessions. Seniors fill leadership positions within the cadet chain of command and are responsible for the planning and execution of all cadet functions and events.

MSL 3010 TRAINING MANAGEMENT AND THE WARFIGHTING FUNCTIONS (3)

This is an academically challenging course where you will study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, you will be capable of planning, managing, developing, and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Leader Training Exercise (LTX). This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, and practical exercises, a mid-term exam, and a final exam. Successful completion of this course will help prepare you for the ROTC Cadet Leader Course (CLC) at Fort Knox, KY.

Prerequisite: Only contracted Army ROTC Cadets may enroll in the advance course of military science.
Offered: fall

MSL 3020 APPLIED LEADERSHIP IN SMALL UNIT OPERATIONS (3)

This is an academically challenging course where you will study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, you will be capable of coordinating, navigating, motivating and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Leader Training Exercise. This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, and practical exercises, a mid-term exam, and a final exam. Successful completion of this course will help prepare you for the ROTC Cadet Leader Course (CLC), at Fort Knox, Ky.

Prerequisite: Only contracted Army ROTC Cadets may enroll in the advance course of military science.
Offered: spring

MSL 3500 APPLIED MILITARY LEADERSHIP (3)

The ROTC Leader Development and Assessment Course (LDAC) is the most important training event for an Army ROTC Cadet. The 29-day training event at Fort Knox, KY, incorporates challenges that are both mentally and physically rigorous and demanding. Cadets and officer candidates must excel at LDAC to be considered competitive for a commission as an Army officer.

Prerequisite: Only contracted Army ROTC Cadets may enroll in the advance course of military science.

MSL 4010 MISSION COMMAND AND THE ARMY PROFESSION (3)

Mission Command and the Army Profession explore the dynamics of leading in the complex situations of current military operations. 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, the decision making processes and host nation support. The course places significant emphasis on preparing you for BOLC B and your first unit of assignment. It uses mission command case studies and scenarios to prepare you to face the complex ethical demands of serving as a commissioned officer in the United States Army.

Prerequisite: Only contracted Army ROTC Cadets may enroll in the advance course of military science.
Offered: fall

MSL 4020 MISSION COMMAND AND THE COMPANY GRADE OFFICER (3)

Mission Command and the Company Grade Officer explores the dynamics of leading in the complex situations during Unified Land Operations I, II, and III. Examine the Art of Command and how to properly communicate with; during Cultural Awareness and Cultural Property Protection (CPP), you will discuss numerous situations on how ethical decisions impact personnel and the unit mission. The course places significant emphasis on preparing you for BOLC B and your first unit of assignment. It uses mission command case studies and scenarios to prepare you to face the complex ethical demands of serving as a commissioned officer in the United States Army.

Prerequisite: Only contracted Army ROTC Cadets may enroll in the advance course of military science.
Offered: spring

MSL 4210 THE AMERICAN MILITARY EXPERIENCE (3)

American military history from the Colonial Period to the present with emphasis on the interrelationship of war and society. Open to all students.

Prerequisite: none

Cross-listed with HIS 4210

AIR FORCE RESERVE OFFICER TRAINING CORPS (AFROTC)**Mission**

To produce leaders for the Air Force and build better citizens for America.

Methodist University has a cross-enrollment agreement with Fayetteville State University, whereby Methodist students can pursue a commission in the United States Air Force. This is a voluntary educational program designed to provide University students an opportunity to earn an Air Force commission while simultaneously working toward a degree. Methodist students can enroll in courses offered by the Department of Aerospace Studies at Fayetteville State University in the same time and manner as they do for their other college courses. Classes are taught on the campus of Fayetteville State University.

The full-time day student is not charged additional tuition for an Air Force Reserve Officer Training Corps (AFROTC) course unless the number of credit hours he/she is taking exceeds eighteen. Then the student must pay the regular academic rate for each semester hour beyond the eighteen-hour full-time load.

Enrollment Criteria

The first two years of the Air Force ROTC college program, the General Military Course (GMC), are open to all students who are at least 14 years old. The last two years of the college program is the Professional Officers Course (POC). Scholarship and POC cadets are on contract and must meet the Air

Force ROTC and Department of Defense eligibility standards ranging from physical fitness to U.S. citizenship.

Scholarships

Current emphasis in the Air Force ROTC College Scholarship Program is to award scholarships to candidates pursuing undergraduate engineering or other scientific and technical disciplines. Nearly 90 percent of Air Force ROTC scholarships are awarded to students in these disciplines. However, students in every degree program enjoy scholarship opportunities, as the Air Force seeks to engage students who excel both academically and militarily. Scholarships are awarded in increments of four and three. The above criteria may change each academic year. Reference <https://www.uncfsu.edu/air-force-rotc> for the latest enrollment and scholarship information.

Four-Year Program

The first two years of the Air Force ROTC four-year program, the General Military Course (GMC), consists of one hour of classroom work, two hours of physical fitness training, and a two-hour leadership laboratory each week. Upon completion of the General Military Course (GMC) requirements, cadets who wish to compete for entry into the last two years of the program, the Professional Officers Course (POC), must do so under the requirements of the POC selection process (PSP). This system uses qualitative factors, such as grade-point average (GPA), unit commander evaluation, and standardized test scores (e.g., ACT, SAT, and Air Force Officer Qualifying Test) to determine a student's officer potential.

After selection, students must complete a summer four-week field training encampment at an assigned Air Force base before entering the Professional Officers Course (POC). Cadets enrolled in the POC attend three hours of classroom work, two hours of physical fitness training, and two hours of leadership laboratory each week.

In the POC, cadets apply what they learned in the General Military Course (GMC) and at their field training encampment. Professional Officer Course (POC) cadets conduct the leadership laboratories and lead the unit's cadet wing. Each AFROTC detachment includes a cadet wing based on the Air Force organizational structure of flight, squadron, group, and wing. POC classes are small. Emphasis is on group discussions and cadet presentations. Classroom topics include leadership, management, communication skills, and national defense policy. Once enrolled in the POC, all cadets are enlisted in the Air Force Reserve and assigned to the Obligated Reserve Section.

Note: AFROTC offers one-, two-, three- and four-year programs for both undergraduate and graduate students. Please call or email AIRFORCEROTC.GROUP@UNCFSU.EDU for more information.

Air Force ROTC Course Descriptions - ARS

Air Force ROTC Courses ARS 1110, and 1120 HERITAGE AND VALUES OF THE USAF I & II (1)

This survey course is designed to introduce students to the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include mission and organization of the Air Force, officership and professionalism, military customs and courtesies, Air Force officer opportunities, group leadership programs, and an introduction to communication skills. Leadership laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

Prerequisite: none

Offered: ARS 1110 fall; ARS 1120 spring

ARS 2110, 2120 TEAM AND LEADERSHIP FUNDAMENTALS I & II (1)

This survey course is designed to facilitate the transition from Air Force ROTC cadet to Air Force ROTC officer candidate. It examines the general aspects of air and space power through a historical perspective. Utilizing this perspective, the course covers a time period from the first balloons and dirigibles to the spaceage global positioning systems in the Persian Gulf War. Historical examples are provided to extrapolate the development of Air Force capabilities (competencies), and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the course examines several fundamental truths associated with war in the third dimension (e.g., Principles of War, Tenets of Air and Space Power). This course provides the cadets with a knowledge level understanding for the general element and employment of air and space power, from an institutional, doctrinal, and historical perspective. In addition, the students will continue to discuss the importance of the Air Force Core Values, through the use of operational examples and historical Air Force leaders and will continue to develop their communication skills. Leadership laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with opportunities for applied leadership experiences discussed in class.

Prerequisite: none

Offered: ARS 2110 fall; ARS 2120 spring

ARS 3110, 3112 LEADING PEOPLE AND EFFECTIVE COMMUNICATION I & II (3)

This course guides the student through a study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, ethics, and the communication skills required of an Air Force junior commissioned officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with opportunities for applied leadership experiences discussed in class.

Prerequisite: Only contracted AFROTC cadets may enroll in the advanced course.

Offered: ARS 3110 fall; 3120 spring

ARS 4110, 4120 NATIONAL SECURITY AFFAIRS AND COMMISSIONING PREPARATION I & II (3)

This course examines the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences, giving students the opportunity to apply the leadership and management principles of this course.

Prerequisite: Only contracted AFROTC cadets may enroll in the advanced course.

Offered: ARS 4110 fall; ARS 4120 spring

Leadership Laboratory/PT (0)

Leadership Laboratory (LLAB) is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Air Force second lieutenants and complement the AFROTC academic program. It is a student planned, organized, and executed practicum conducted under the supervision of the Detachment Commander and Operations Flight Commander.

NATURAL SCIENCES

BIOLOGY (A.S., B.S.)

Mission

The Methodist University Biology Department strives to provide a supportive, rigorous and hands on learning environment for students. Our undergraduate curriculum is designed to give students the flexibility to train for careers in the health sciences, academic research laboratories, the private sector, and governmental agencies immediately following their undergraduate program as well as to prepare students for entry into traditional life science and professional graduate programs. The Department views student research as a core component of the undergraduate experience in the life sciences and the faculty endeavor to include students in their research and to encourage students to take up their own research projects whenever possible.

Goals

- Within three months of their graduation, 50 percent of the graduates of the Methodist University Biology Department will be admitted to graduate or professional school or will be employed in a field related to their major.
- The average score of Methodist University seniors on the ETS major field examination in biology will be above the national mean.
- Biology graduates will be able to assimilate scientific information and to demonstrate their comprehension of it in preparation of oral and written presentations.
- Students taking either Science 1420 (Biological Science) or Biology 1530 (Fundamentals of Biology: Introduction to Cellular Biology) as part of the general university core will become familiar with the basic vocabulary and concepts of biology. Those taking Biology 1530 will also become prepared for future study in this area.

Associate of Science with a concentration in Biology

Required Courses: 14 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	SCI 1410 Earth Science (3)
BIO 1560/1561 Fundamentals of Biology II with Lab (4)	SCI 1430 Physical Science (3)

Electives: 16 credit hours

Select any 16 credit hours of BIO courses at the 3000 level or higher.

Total: 30 credit hours

Bachelor of Science in Biology

Biology Core Requirements: 28-30 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	BIO 2970 General Microbiology (4)
BIO 1560/1561 Fundamentals of Biology II with Lab (4)	BIO 2990 Evolutionary Biology and Population Genetics (3)
BIO 2430 Introduction to Zoology (4) or BIO 2440 Introduction to Botany (4)	BIO 3120 General Ecology (4) or BIO 3310 Conservation Biology (3)
BIO 2900 Biological Statistics (3)	BIO 3960 Molecular Genetics (3) or BIO 4010 Embryology & Developmental Genetics (4)

Biology Electives: 12 credit hours minimum

Select three or four courses (12 credit hours minimum) from the following course list:

BIO 3020 Invertebrate Zoology (4)	BIO 3960 Molecular Genetics (3)
BIO 3100 Plant Physiology (3)	BIO 4000 Medical Microbiology (4)
BIO 3110 Plant Taxonomy (4)	BIO 4010 Embryology & Developmental Genetics (4)
BIO 3210 Insect Biology (4)	BIO 4400 Cellular Physiology (4)
BIO 3480 Biological Chemistry (3)	

Required Chemistry Courses: 16 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 2210/2211 Organic Chemistry I with Lab (4)
CHE 1520/1521 General Chemistry II with Lab (4)	CHE 2220/2221 Organic Chemistry II with Lab (4)

Required Mathematics Courses: 6 credit hours

MAT 1125 Pre-Calculus I (or higher) (3)	MAT 2200 Applied Statistics (3)
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Total: 62-64 credit hours

Concentration in Integrative Biology**Integrative CORE Requirements: 29 credit hours**

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	BIO 2900 Bio Statistics (3)
BIO 1560/1561 Fundamentals of Biology II with Lab (4)	BIO 2990 Evolutionary Biology and Population Genetics (3)
BIO 2430 Introduction to Zoology (4) BIO 2440 Introduction to Botany (4)	BIO 3120 General Ecology (4)
BIO 2440 Introduction to Botany (4)	BIO 3310 Conservation Biology (3)

Integrative Concentration Electives: 10-12 credit hours

Select three courses (10-12 credit hours) from the following course list:

BIO 3020 Invertebrate Zoology (4)	BIO 3210 Insect Biology (4)
BIO 3100 Plant Physiology (3)	BIO 3990 Comparative Animal Physiology (3)
BIO 3110 Plant Taxonomy (4)	

Required Chemistry Courses: 16 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 2210/2211 Organic Chemistry I with Lab (4)
CHE 1520/1521 General Chemistry II with Lab (4)	CHE 2220/2221 Organic Chemistry II with Lab (4)

Required Mathematics Courses: 6 credit hours

MAT 1130 Pre-Calculus I - Algebra (or higher) (3)	MAT 2200 Applied Statistics (3)
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Total: 61-63 credit hours

Concentration in Health Care**Health Care CORE Requirements: 32 credit hours**

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	BIO 3080 Human Anatomy & Physiology II (4)
BIO 1560/1561 Fundamentals of Biology II with Lab (4)	BIO 4000 Medical Microbiology (4)

BIO 2970 General Microbiology (4)	BIO 4010 Embryology & Developmental Genetics (4)
BIO 3060 Human Anatomy & Physiology I (4)	BIO 4400 Cellular Physiology (4)

Health Care Concentration Electives: 3-4 credit hours

Select one course (3-4 credit hours) from the following course list:

BIO 3020 Invertebrate Zoology (4)	BIO 3210 Insect Biology (4)
BIO 3100 Plant Physiology (3)	BIO 3990 Comparative Animal Physiology (3)
BIO 3110 Plant Taxonomy (4)	

Select two courses (6 credit hours) from the following course list:

BIO 2900 Biological Statistics (3)	BIO 3960 Molecular Genetics (3)
BIO 3480 Biological Chemistry (3)	

Required Chemistry Courses: 16 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 2210/2211 Organic Chemistry I with Lab (4)
CHE 1520/1521 General Chemistry II with Lab (4)	CHE 2220/2221 Organic Chemistry II with Lab (4)

Required Mathematics Courses: 6 credit hours

MAT 1125 Pre-Calculus I (or higher) (3)	MAT 2200 Applied Statistics (3)
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Total: 63-64 credit hours

Concentration in Cellular and Molecular Biology

Cell and Molecular CORE Requirements: 29 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	BIO 3100 Plant Physiology (3)
BIO 1560/1561 Fundamentals of Biology II with Lab (4)	BIO 3480 Biological Chemistry (3)
BIO 2430 Introduction to Zoology (4) or BIO 2440 Introduction to Botany (4)	BIO 3960 Molecular Genetics (3)
BIO 2970 General Microbiology (4)	BIO 4400 Cellular Physiology (4)

Microbiology/Cellular Electives: 11-12 credit hours

select three courses (11-12 credit hours) from the following course list:

BIO 3060 Human Anatomy & Physiology I (4)	BIO 4000 Medical Microbiology (4)
BIO 3080 Human Anatomy & Physiology II (4)	BIO 4010 Embryology & Developmental Genetics (4)
BIO 3990 Comparative Animal Physiology (3)	

Required Chemistry Courses: 16 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 2210/2211 Organic Chemistry I with Lab (4)
CHE 1520/1521 General Chemistry II with Lab (4)	CHE 2220/2221 Organic Chemistry II with Lab (4)

Required Mathematics Courses: 6 credit hours

MAT 1125 Pre-Calculus I (or higher) (3)	MAT 2200 Applied Statistics (3)
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Total: 62-63 credit hours

Minor in Biology

Required Courses: 8 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	BIO 1560/1561 Fundamentals of Biology II with Lab (4)
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Biology Electives: 15-16 credit hours

Select any 15-16 credit hours of courses with a BIO prefix except BIO 2110 and BIO 2120.

Total: 23-24 credit hours

Biology Course Descriptions - BIO

BIO 1530 FUNDAMENTALS OF BIOLOGY I: INTRODUCTION TO CELLULAR BIOLOGY (4)

For students planning further study in biology or a related field: includes cell structure and function, mitosis and meiosis, principles of genetics, and classification of living organisms. Three hours of lecture and three hours of laboratory each week. Students must pass with a C- or higher grade in order to progress to other Biology courses.

Prerequisite: high school biology and chemistry or Sci 1420 and 1430.

Corequisite: BIO 1531(must be taken in the same semester as BIO 1530 lecture)

Offered: fall and spring

BIO 1531 FUNDAMENTALS OF BIOLOGY I LABORATORY (0)

This course will cover the laboratory-based components associated with the core concepts covered in the BIO 1530, Fundamentals of Biology I lecture course. Laboratory safety and basic laboratory techniques will also be introduced and reinforced. The lab will meet for three hours each week in conjunction with the lecture course (BIO 1530).

Prerequisite: high school biology and chemistry or Sci 1420 and 1430.

Corequisite: BIO 1530 (must be taken in the same semester as BIO 1531)

Offered: fall and spring

BIO 1560 FUNDAMENTALS OF BIOLOGY II: DIVERSITY OF LIFE (4)

This course is intended primarily as an introductory course for potential biology majors. An introduction to the major kingdoms of living organisms are presented with their similarities and differences noted. Emphasis will also be placed on evolutionary and ecological principles related to and impacting the diversity of life. The lab will meet for three hours each week in conjunction with the lecture course (BIO 1560).

Prerequisite: none

Corequisite: BIO 1561(must be taken in the same semester as BIO 1560 lecture)

Offered: fall and spring

BIO 1561 FUNDAMENTALS OF BIOLOGY II LABORATORY (0)

This course will cover the laboratory-based components associated with the core concepts covered in the BIO 1560, Fundamentals of Biology II lecture course with specific emphasis on identification of preserved flora and fauna specimens. Laboratory safety and basic laboratory techniques will also be introduced and reinforced. The lab will meet for three hours each week in conjunction with the lecture course (BIO 1560).

Prerequisite: none

Corequisite: BIO 1560 (must be taken in the same semester as BIO 1561)

Offered: fall and spring

BIO 2110 SURVEY OF HUMAN ANATOMY AND PHYSIOLOGY I (4)

A survey course designed to familiarize students with the structure and function of the human body. This class will focus on the body wall and the central nervous system. Endocrine regulation will also be included. Concepts will be taught primarily on the systemic level. The effects of aging on physiological function, and discussion of diseases and disorders will be included as time permits. Credits for this class will not be applied toward the requirements for a major or a minor in biology. Three lecture and three laboratory hours per week. Students planning to apply to graduate programs in the health sciences, including the Methodist University PA program, should select Biology 3060 and 3080.

Prerequisite: Biology 1530 with a minimum grade of C- or higher

Offered: fall

BIO 2120 SURVEY OF HUMAN ANATOMY AND PHYSIOLOGY PART II (4)

This class is offered as a companion course to Biology 2060. Part 2 will cover sensory anatomy and physiology, the circulatory system, renal anatomy and physiology, digestion and nutrition, reproduction and the basic aspects of human embryonic development. The effects of aging on physiological function, and discussion of diseases and disorders will be included as time permits. Credits for this class will not be applied toward the requirements for a major or a minor in biology. Three lecture and three laboratory hours per week. Students planning to apply to graduate programs in the health sciences, including the Methodist University PA program, should select Biology 3060 and 3080.

Prerequisites: Biology 1530 and Biology 2110 with a minimum grade of C- or higher

Offered: spring

BIO 2430 INTRODUCTORY ZOOLOGY (4)

Classification, anatomy, development, and life history of the animals with emphasis on evolutionary relationships among the various invertebrate and vertebrate groups. Three hours of lecture and three hours of laboratory each week. Prerequisite: BIO 1530 and 1560 with a grade of C- or higher

Offered: fall odd years

BIO 2440 INTRODUCTORY BOTANY (4)

Introductory Botany is designed as a second level course to provide an understanding of basic plant anatomy, physiology and diversity. A general knowledge of plant anatomy and physiology will be investigated to illustrate how plants develop modifications which allow them to survive in different habitats.

Prerequisite: Biology 1530 and 1560 with a grade of C- or better

Offered: fall even years

BIO 2900 BIOLOGICAL STATISTICS (3)

This course is designed to teach how to apply appropriate statistical tests to biological data. We focus on how to choose the appropriate test for a given data set, how to design experiments to make them more suitable for statistical analysis, and how to interpret and present the results of statistical tests. Three hours of lecture each week.

Prerequisite: BIO 1530 and 1560 with a grade of C- or higher, MAT 1050 or higher and MAT 2200

Offered: fall

BIO 2970 GENERAL MICROBIOLOGY (4)

Immunology, virology, morphology and physiology of bacteria, etiology, and applied microbiology. Three hours of lecture and three hours of laboratory each week.

Prerequisite: BIO 1530 with a grade of C- or higher and CHE 1510 and 1511 or permission of the instructor

Offered: fall and spring

BIO 2990 EVOLUTIONARY BIOLOGY AND POPULATION GENETICS (3)

The Modern Synthesis, the union of classical Darwinian selection and population genetics, with emphasis on the roles of selection, mutation, and genetic drift as agents of both micro and macro-evolutionary change. Three hours of lecture each week.

Prerequisite: BIO 1530 and 1560 with a grade of C- or higher

Offered: spring

BIO 3020 INVERTEBRATE ZOOLOGY (4)

Invertebrate animals with particular attention to physiological processes, ecological roles, and parasites of humans and domestic animals. Three hours of lecture and three hours of laboratory each week.

Prerequisite: BIO 1560 with a grade of C -or higher

Offered: fall (even years)

BIO 3060 HUMAN ANATOMY AND PHYSIOLOGY I (4)

Part one of a two-course sequence. Topics covered include an introduction to histology, the skin and its derivatives, the skeleton, muscles, and the nervous, sensory and endocrine systems. Although this course is taught with an organ system emphasis, mechanisms on the cellular and molecular level are also covered.

Prerequisite: BIO 1560 with a grade of C- or higher or permission of instructor

Offered: fall

BIO 3080 HUMAN ANATOMY AND PHYSIOLOGY II (4)

A continuation of the study of human structure and function. Topics include circulation, digestion, nutrition, respiration, excretion, immune response, reproduction, and development.

Prerequisite: BIO 3060 or permission of instructor

Offered: spring

BIO 3100 PLANT PHYSIOLOGY (3)

The field of plant physiology is the study of how plants survive. This course addresses the physiological process as they relate to most plants. Topics will include, but are not limited to: plant-water relations, mineral nutrition, photosynthesis, respiration, carbon metabolism/transport and plant growth/development.

Prerequisites: CHE 1510, 1511, 1520 and 1521, or permission of instructor

Offered: spring (even years)

BIO 3110 PLANT TAXONOMY (4)

Plant taxonomy is intended for students to acquire knowledge of the evolutionary and morphological trends in the photosynthetic prokaryotes and protists, as well as non-vascular and vascular plants. Over the course of the semester students will be exposed to increasingly complex organisms. Classification and identification of plants will be emphasized in both lecture and weekly laboratories.

Prerequisites: none

Offered: fall (odd years)

BIO 3120 GENERAL ECOLOGY (4)

This class addresses the relationships among organisms and their environments. Topics will include organismal, population and community ecology. Mathematical models for biological systems will be included.

Prerequisite: BIO 1530/1531 or permission of instructor. Completion of MAT 1125 or higher recommended

Offered: spring (odd years)

BIO 3210 INSECT BIOLOGY (4)

Entomology: The roles of insects in the balance of life, public health issues, taxonomy, morphology, and physiology. Three hours of lecture and three hours of laboratory each week.

Prerequisite: BIO 1560 with a grade of C- or higher or permission of the instructor

Offered: as needed

BIO 3310 CONSERVATION BIOLOGY (3)

This course will use biological concepts as a framework to consider the management of natural resources both historically and presently. The use of land for farming as well as the use of air, water, fisheries and forestry will be studied. An introduction to the laws that govern the use of these resources will also be included.

Prerequisites: BIO 1530/1531 or permission of instructor.

Offered: spring (even years)

BIO 3480 BIOLOGICAL CHEMISTRY (3)

This course is designed to present some of the more important physiochemical properties and processes of living organisms. It will emphasize the functions of macromolecules in living organisms and examine the interrelationships between molecular structure and physiological function. The physiological chemistry of energy metabolism will also be an important part of this class.

Prerequisite: BIO 1530 with a grade of C- or higher, one 3000 level biology course, and CHE 1510, 1511, 1520, 1521, and 3210.

Offered: as needed

BIO 3960 MOLECULAR GENETICS (3)

Study of the molecular basis of biology including biological informational molecules (proteins, DNA and RNA), DNA synthesis, RNA transcription, protein synthesis, and gene regulation. Prokaryotic and eukaryotic systems are both studied. In addition, applications of methods used in molecular biology including recombinant DNA technology and forensics will be covered.

Prerequisites: BIO 1530; CHE 3210 and 3211. Completion of BIO 2970 is recommended

Offered: spring

BIO 3980 VERTEBRATE COMPARATIVE ANATOMY AND EVOLUTION (4)

The comparative anatomy and evolution of vertebrate organisms: fishes, amphibians, reptiles, birds and mammals.

Prerequisites: One 3000/4000-level biology class or permission of instructor

Offered: fall (odd years)

BIO 3990 COMPARATIVE ANIMAL PHYSIOLOGY (3)

An examination of the various methods and mechanisms animals, both invertebrate and vertebrate, have adopted to maintain physiological conditions necessary for life. Although phylogenetic changes will be discussed, the major emphasis will be on the adaptation interaction between animals and their environments.

Prerequisites: One 3000 level Biology course or permission of instructor, CHE 1510, 1511, 1520, and 1521.

Offered: as needed

BIO 4000 MEDICAL MICROBIOLOGY (4)

This course is particularly desirable for students planning to enter any health-related field, work as a laboratory technician or enter a graduate program in microbiology. This course deals primarily with the study of pathogenic bacteria and fungi, viruses and viral infections, and the immunological response to infection. Emphasis will be placed on the effects of microorganisms on human beings.

Prerequisites: BIO 2970

Offered: fall

BIO 4010 EMBRYOLOGY AND DEVELOPMENTAL GENETICS (4)

Representative patterns in the development of animals from zygote to functioning adults, with emphasis on the early stages. Cellular and genetic mechanisms are included. Three hours of lecture and three hours of laboratory each week.

Prerequisites: 8 credits of upper-division biology; Previous completion of 3060, 3080, 3960, 3980 or 4400 is highly recommended

Offered: spring

BIO 4400 CELLULAR PHYSIOLOGY (4)

Cellular structures and processes as they provide the basic mechanisms of life. Consideration of biologically important macromolecules. Three hours of lecture and three hours of laboratory each week.

Prerequisites: 8 credits of upper-division biology (3000-level or higher), and CHE 3210 and 3211 or permission of the instructor. CHE 4500 is recommended

Offered: fall

BIO 4850 SPECIAL TOPICS IN BIOLOGY (1-4)

Courses not part of the regular departmental offerings. Taught as faculty availability and student interest dictate.

BIO 4990 INDEPENDENT STUDY IN BIOLOGY (1-4)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined.

CHEMISTRY AND PHYSICAL SCIENCE

Chemistry and Physical Sciences are noted to be the most central of all the natural sciences. The strength of the Chemistry and Physical Science Department of Methodist University is its low student to faculty ratio. It provides tremendous opportunities for personal development by interacting directly with the professors. The program is very progressive, challenging, and exciting with excellent faculty and staff who are supportive of the students' educational endeavors. Research in natural products and analytical forensic chemistry provides further values to the students' future career be it graduate school, professional school, or industry.

Mission

The mission of the department of chemistry and physical science is to establish a culture of excellence in preparing our students in physical science (both majors and non-majors) for their careers and graduate school opportunities. The department will instill a solid fundamental knowledge of the physical sciences within our students, and further enhance that knowledge through scientific applications and experiences.

Students will develop critical and active thinking, problem-solving, and data analysis abilities by being involved in a hands-on scientific discovery process that is related to theory and real life through student faculty research projects. For non-majors, we strive to enlighten the wonders of science that will raise awareness in advance technology and the global environment, how to carry out and record lab experiments, and how to interpret experimental results.

CHEMISTRY (A.S., B.S.)

Methodist University Chemistry majors will attain a broad and solid foundation in chemistry that will enable them to compete and succeed in graduate schools, professional schools, and chemical industries by gaining knowledge in advanced course work, learning experimental techniques using modern instrumentation, effectively analyzing and interpreting scientific data, and learning to communicate orally and in writing.

Associate of Science with a concentration in Chemistry

Required Chemistry Courses: 8 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 1520/1521 General Chemistry II with Lab (4)
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Chemistry Electives: 12 credit hours

Select three courses (12 credit hours) from the following course list:

CHE 2210/2211 Organic Chemistry I with Lab (4)	CHE 4000 Medicinal Chemistry (4)
CHE 2220/2221 Organic Chemistry II with Lab (4)	CHE 4100 Forensic Chemistry (4)
CHE 2300 Basic Environmental Chemistry (4)	CHE 4210 Thermodynamics and Kinetics (4)
CHE 3100 Inorganic Chemistry (4)	CHE 4220 Quantum Mechanics and Spectroscopy (4)
CHE 3510 Quantitative Analysis (4)	CHE 4500 Biochemistry (4)
CHE 3520 Instrumental Analysis (4)	CHE 4600 Advanced Biochemistry (4)

Required Science and Mathematics courses: 9-11 credit hours

SCI 1410 Earth Science (3) or GSC 1600 Physical Geology (4)	SCI 1420 Biological Science (3) or BIO 1530/1531 Fundamentals of Biology I with Lab (4)
MAT 1050 College Algebra (or higher) (3)	

Total: 29-31 credit hours

Bachelor of Science in Chemistry

Required Core Courses: 37-38 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 3520 Instrumental Analysis (4)
CHE 1520/1521 General Chemistry II with Lab (4)	CHE 4210 Thermodynamics and Kinetics (4) or CHE 4220 Quantum Mechanics and Spectroscopy (4)
CHE 2210/2211 Organic Chemistry I with Lab (4)	CHE 4860 Library Research Project (1) or CHE 4870 Laboratory Research Project (2)
CHE 2220/2221 Organic Chemistry II with Lab (4)	PHY 1510 General Physics I (4) or PHY 2510 General Physics I-Calculus Based (4)
CHE 3510 Quantitative Analysis (4)	PHY 1520 General Physics II (4) or PHY 2520 General Physics II-Calculus Based (4)

Chemistry Electives: 12 credit hours

Select three courses (12 credit hours) from the following course list:

CHE 2300 Basic Environmental Chemistry (4)	CHE 4210 Thermodynamics and Kinetics (4)
CHE 3100 Inorganic Chemistry (4)	CHE 4220 Quantum Mechanics and Spectroscopy (4)
CHE 4000 Medicinal Chemistry (4)	CHE 4500 Biochemistry (4)
CHE 4100 Forensic Chemistry (4)	CHE 4600 Advanced Biochemistry (4)

Note: It is highly recommended that students select both CHE 3100 and CHE 4500.

Required Mathematics Courses: 11 credit hours

MAT 2200 Applied Statistics (3)	MAT 2420 Calculus II (4)
MAT 2410 Calculus I (4)	

Total: 60-61 credit hours

Concentration in Biochemistry**Required Core Courses: 37-38 credit hours**

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 3520 Instrumental Analysis (4)
CHE 1520/1521 General Chemistry II with Lab (4)	CHE 4210 Thermodynamics and Kinetics (4) or CHE 4220 Quantum Mechanics and Spectroscopy (4)
CHE 2210/2211 Organic Chemistry I with Lab (4)	CHE 4860 Library Research Project (1) or CHE 4870 Laboratory Research Project (2)
CHE 2220/2221 Organic Chemistry II with Lab (4)	PHY 1510 General Physics I (4) or PHY 2510 General Physics I-Calculus Based (4)
CHE 3510 Quantitative Analysis (4)	PHY 1520 General Physics II (4) or PHY 2520 General Physics II-Calculus Based (4)

Required Biochemistry Concentration Courses: 8 credit hours

CHE 4500 Biochemistry (4)	CHE 4600 Advanced Biochemistry (4)
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Biochemistry Concentration Electives: 4 credit hours

Select one course (4 credit hours) from the following list:

CHE 2300 Basic Environmental Chemistry (4)	CHE 4100 Forensic Chemistry (4)
CHE 3100 Inorganic Chemistry (4)	CHE 4220 Quantum Mechanics and Spectroscopy (4)
CHE 4000 Medicinal Chemistry (4)	

Required Biochemistry Biology Courses: 8 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	BIO 2970 General Microbiology (4) or BIO 3960 Molecular Genetics (3)
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Required Mathematics Courses: 11 credit hours

MAT 2200 Applied Statistics (3)	MAT 2420 Calculus II (4)
MAT 2410 Calculus I (4)	

Total: 68-69 credit hours

Concentration in Forensic Science

Required Core Courses: 37-38 credit hours

CHE 1510/1511 General Chemistry I with Lab (4)	CHE 3520 Instrumental Analysis (4)
CHE 1520/1521 General Chemistry II with Lab (4)	CHE 4210 Thermodynamics and Kinetics (4) or CHE 4220 Quantum Mechanics and Spectroscopy (4)
CHE 2210/2211 Organic Chemistry I with Lab (4)	CHE 4860 Library Research Project (1) or CHE 4870 Laboratory Research Project (2)
CHE 2220/2221 Organic Chemistry II with Lab (4)	PHY 1510 General Physics I (4) or PHY 2510 General Physics I-Calculus Based (4)
CHE 3510 Quantitative Analysis (4)	PHY 1520 General Physics II (4) or PHY 2520 General Physics II-Calculus Based (4)

Required Forensic Science Concentration Courses: 8 credit hours

CHE 4100 Forensic Chemistry (4)	CHE 4500 Biochemistry (4)
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Forensic Science Concentration Electives: 4 credit hours

Select one course (4 credit hours) from the following list:

CHE 2300 Basic Environmental Chemistry (4)	CHE 4220 Quantum Mechanics and Spectroscopy (4)
CHE 3100 Inorganic Chemistry (4)	CHE 4600 Advanced Biochemistry (4)
CHE 4000 Medicinal Chemistry (4)	

Required Forensic Science Biology Courses: 8 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	BIO 2970 General Microbiology (4) or BIO 3960 Molecular Genetics (3)
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Required Forensic Science Justice Courses: 9 credit hours

JUS 2420 Introduction to Forensic Science (3)	JUS 3090 Criminology (3) or JUS 4010 The Investigative Process (3)
JUS 3970 Crime Scene Investigation (3)	

Required Mathematics Courses: 11 credit hours

MAT 2200 Applied Statistics (3)	MAT 2420 Calculus II (4)
MAT 2410 Calculus I (4)	

Total: 77-78 credit hours

Minor in Chemistry

The minor in Chemistry consists of 16 credit hours, in 2000-level or higher Chemistry (CHE) courses.

Chemistry Course Descriptions - CHE

CHE 1510 GENERAL CHEMISTRY I (4)

The elements, their compounds, and their reactions and the theories involved in the foundation of modern chemistry. Three hours of lecture and three hours of laboratory each week.

Prerequisite: MAT 1050 or higher, or permission of the instructor or chair

Corequisite: CHE 1511 (must be taken in the same semester as CHE 1510), MAT 1125 or higher, or permission of the instructor or chair

Offered: fall and spring (as needed)

CHE 1511 GENERAL CHEMISTRY I LABORATORY (0)

This course will cover the laboratory-based components associated with the elements, compounds, reactions, and theories covered in General Chemistry I. Laboratory safety and basic laboratory techniques will also be introduced and reinforced. The lab will meet for three hours each week in conjunction with the lecture course (CHE 1510).

Prerequisite: MAT 1050 or higher, or permission of the instructor or chair

Corequisite: CHE 1510 (must be taken in the same semester as CHE 1511 lab), MAT 1125 or higher, or permission of the instructor or chair.

Offered: fall and spring

CHE 1520 GENERAL CHEMISTRY II (4)

A more detailed study of topics introduced in 1510. Three hours of lecture and three hours of laboratory each week.

Prerequisite: CHE 1510 and 1511; these courses are prerequisites to all further Chemistry courses.

Offered: spring and fall (as needed)

CHE 1521 GENERAL CHEMISTRY II LABORATORY (0)

This course will cover the laboratory-based components associated with the more in-depth topics covered in General Chemistry II. Laboratory safety and more advanced laboratory techniques will also be taught and reinforced. The lab will meet for three hours each week in conjunction with the lecture course (CHE 1520).

Prerequisite: CHE 1510 and CHE 1511; these courses are prerequisites to all further Chemistry courses

Corequisite: CHE 1520 (must be taken in the same semester as CHE 1521)

Offered: every spring and fall (as needed)

CHE 2210 ORGANIC CHEMISTRY I (4)

formerly CHE 3210

A course concentrating on the naming of organic compounds (IUPAC) and predicting physical and chemical properties of molecules of alkanes, alkenes, alkynes, alkyl halides, alcohols, etc. Also included are the properties of organic molecules by using relative atomic sizes, electronegativities, electronic and Lewis structures, shapes, bond and dipole moments, etc. The characterization of structures by the analysis of spectral data (such as IR, MS, and NMR) is also covered. Reactions will be rationalized using reaction mechanisms. Three hours of lecture and three hours of laboratory each week.

Prerequisites: CHE 1510, 1511, 1520 and 1521 all with a grade of C or better (not to include C-)

Offered: fall

CHE 2211 ORGANIC CHEMISTRY I LABORATORY (0)

formerly CHE 3211

This course will cover the laboratory techniques, reactions, and safety associated with the fundamentals of organic chemistry (alkanes, alkenes, alkynes, alkyl halides, alcohols, etc.). The lab will meet for three hours each week in conjunction with the lecture course (CHE 2210).

Prerequisite: CHE 1510, 1511, 1520, and 1521 all with a grade of C or better (not to include C-)

Corequisite: CHE 2210 (must be taken in the same semester as CHE 2210)

Offered: fall

CHE 2220 ORGANIC CHEMISTRY II (4)

formerly CHE 3220

This course covers chemical bonding, acids and bases, nomenclature, structures, physical and chemical properties, and reactions of dienes, benzene and their derivatives, aryl and vinyl halides, aldehydes, ketones, carboxylic acids and derivatives, enolate ions and enols, and amines. A brief introduction to carbohydrates, amino acids, and proteins closes the course. Three hours of lecture and three hours of laboratory each week.

Prerequisites: CHE 2210

Offered: spring

CHE 2221 ORGANIC CHEMISTRY II LABORATORY (0)

formerly CHE 3221

This course will cover more advanced laboratory techniques, reactions, and safety associated with the second semester of organic chemistry (bonding, acids and bases, aromatics, and other functional groups). The lab will meet for three hours each week in conjunction with the lecture course (CHE 2220).

Prerequisite: CHE 2210 and 2211

Corequisite: CHE 2220 (must be taken in the same semester as CHE 2220)

Offered: spring

CHE 2300 BASIC ENVIRONMENTAL CHEMISTRY (4)

formerly CHE 3300

This course covers the topics of atmospheric, aquatic, and soil chemistry and how humans affect this chemistry locally, regionally, and globally. There will be a general overview of organic chemistry and biochemistry that is pertinent to the course material. The origins, mechanism, transport, and overall effect of numerous chemical species and their environmental impact will be examined.

Prerequisite: CHE 1510 and 1511 with a grade of C or better (not to include C-) or permission of instructor

Offered: fall (odd years)

CHE 3100 INORGANIC CHEMISTRY (4)

The chemistry of the elements with emphasis on inorganic main group compounds and transition series coordination compounds, concepts of effective nuclear charge and periodicity, band theory, group theory, symmetry, p and d orbital bonding, catalysis, metallurgy, and atomic structure. Three hours of lecture and three hours of laboratory each week.

Prerequisite: CHE 1510, 1511, 1520 and 1521 all with a grade of C or better (not to include C-)

Offered: spring (even years)

CHE 3510 QUANTITATIVE ANALYSIS (4)

Quantitative chemical analysis, with lecture, discussion, laboratory work, and problems. Three hours of lecture and three hours of laboratory each week.

Prerequisite: CHE 1510, 1511, 1520 and 1521 all with a grade of C or better (not to include C-)

Offered: fall

CHE 3520 INSTRUMENTAL ANALYSIS (4)

The operation and fundamentals of standard laboratory instruments including spectrophotometers, electroanalytical equipment, gas chromatographs, high performance liquid chromatographs, and inorganic analysis methods. Three hours of lecture and three hours of laboratory each week.

Prerequisites: CHE 1510, 1511, 1520 and 1521 all with a grade of C or better (not to include C-)

Offered: spring

CHE 4000 MEDICINAL CHEMISTRY (4)

Design, discovery, and preparation of biologically active compounds; mode of action; structure-activity relationships; and combinatorial chemistry will be explored. Four hours of lectures each week.

Prerequisites: CHE 2210 and 2211

Offered: fall (odd years)

CHE 4100 FORENSIC CHEMISTRY (4)

This course approaches the challenges, methods, and analysis of forensic science from a fundamental, chemical perspective. Topics include drug analysis, toxicology, arson investigation, the analysis of paint and gunshot residue samples, and several other points of interest. Three hours of lecture and three hours of laboratory each week.

Prerequisites: CHE 1510, 1511, 1520, and 1521

Offered: fall (even years)

CHE 4210 THERMODYNAMICS AND KINETICS (4)

The properties of gases, the laws of thermodynamics, chemical equilibrium, and chemical kinetics. Three hours of lecture and three hours of laboratory each week.

Prerequisites: CHE 1510, 1511, 1520 and 1521 both with a grade of C or better (not to include C-), CHE 3510, PHY 1510 or PHY 2510, PHY 1520 or PHY 2520, and MAT 2410

Offered: fall

CHE 4220 QUANTUM MECHANICS AND SPECTROSCOPY (4)

Atomic structure, chemical bonding, molecular interaction, quantum chemistry, spectroscopy, and statistical mechanics. Three hours of lecture and three hours of laboratory each week.

Prerequisites: CHE 1510, 1511, 1520 and 1521 both with a grade of C or better (not to include C-), CHE 3510, PHY 1520 or PHY 2520, PHY 1520 or PHY 2520, and MAT 2410

Offered: spring (odd years)

CHE 4500 BIOCHEMISTRY (4)

The chemical nature and interactions of biological molecules, acid base chemistry, buffers, carbohydrates, lipids, proteins, nucleic acids, enzymes, coenzymes, the interrelationships of compounds in major metabolic cycles, and the utilization and synthesis of high energy compounds as "energy currency." Three hours of lecture and three hours of laboratory each week.

Prerequisite: CHE 2210, 2211, 2220 and 2221

Offered: fall

CHE 4600 ADVANCED BIOCHEMISTRY (4)

The regulation of metabolism of carbohydrates, lipids, nucleic acids, and amino acids. This course will also focus on the integration of metabolism and its regulations in humans with a case-oriented approach. Four hours of lecture each week.

Prerequisites: CHE 2210, 2211, 2220, 2221 and 4500

Offered: spring

CHE 4850 SPECIAL TOPICS (1-4)

Chemistry majors wishing to do more advanced work. Classroom work, individual lab and library investigation.

Prerequisite: Permission of the division head

Offered: as needed

CHE 4860 LIBRARY RESEARCH PROJECT (1)

Seniors will write a proposal for a library project, carry out the research, write a research paper, and present a seminar complete with the appropriate visual aids. Either CHE 4860 or 4870 is required for graduation.

Offered: fall and spring

CHE 4870 LABORATORY RESEARCH PROJECT (2)

Seniors will write a proposal for a laboratory project, carry out the research, write a research paper, and present a seminar complete with the appropriate visual aids. Either CHE 4860 or 4870 is required for graduation. Offered: fall and spring

CHE 4990 INDEPENDENT STUDY IN CHEMISTRY (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined.

SCIENCE (A.S.)

Associate of Science with a concentration in Science

Required Courses: 27 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4)	MAT 1050 College Algebra (or higher) (3)
CHE 1510/1511 General Chemistry I with Lab (4)	PHY 1510 General Physics I (4)
CHE 1520/1521 General Chemistry II with Lab (4)	PHY 1520 General Physics II (4)
GSC 1600 Physical Geology (4)	

Electives: 4 credit hours

Select 4 credit hours of courses with the following prefixes: BIO, CHE, or GSC

Total: 31 credit hours**Geology/Geoscience Course Descriptions - GSC****GSC 1600 PHYSICAL GEOLOGY (4)**

formerly GLY 1600

A laboratory-based geology class centered on the study of introductory mineralogy, petrology, geomorphology, and historical and structural geology. Laboratories concentrate on mineral and rock identification, topographic and geologic map use and interpretation, geologic structures, and geologic interrelations with the environment. A field trip may be required.

Corequisites: MAT 1050 or higher or permission of the instructor

Offered: as needed

GSC 2000 PHYSICAL OCEANOGRAPHY AND METEOROLOGY (4)

formerly GLY 2000

An introductory geoscience class exploring introductory oceanic and atmospheric science with required laboratory. Laboratories will concentrate on general oceanographic and meteorological concepts. A field trip may be required.

Corequisites: MAT 1050 or higher or permission of the instructor

Offered: as needed

GSC 2100 INTRODUCTION TO GEOGRAPHICAL INFORMATION SYSTEMS (GIS) (3)

formerly GLY 2100

This course is intended to be an introduction to geographic information systems (GIS) and spatial analysis. It is a structured study of the basic components and concepts of GIS and how they are constructed and manipulated. A significant component of the course will involve the application of the ArcGIS software package to various topics and fields of study. Students will obtain hands-on experience working with ArcGIS software and various datasets. This course is not a lab science.

Prerequisites: MAT 1050 and CSC 1000

Offered: as needed

GSC 2200 PLANETARY GEOLOGY AND ASTRONOMY (4)

formerly GLY 3000

An introductory geoscience course exploring planetary geology, solar astronomy, stellar astronomy, and cosmology with required laboratory. Laboratories concentrate on remote sensing, image analysis, comparative planetology, and astronomy. A term paper and presentation are required.

Corequisites: MAT 1050 or higher or permission of the instructor

Offered: as needed

GSC 3000 ADVANCED GEOLOGY (4)

formerly GLY 4000

An advanced laboratory-based course concentrating on mineralogy, petrology, stratigraphy, structural geology, and tectonics. The geologic framework of North America is the basis for the course. A required field trip and term paper are part of the curriculum.

Prerequisites: GSC 1600 or permission of the instructor

Offered: as needed

GSC 4850 SPECIAL TOPICS (1-4)

formerly GLY 4850

A course associated with geosciences. Conditionally offered with faculty availability and student interest.

Prerequisites: Determined by the department

Offered: as needed

Physics Course Descriptions - PHY

PHY 1510 GENERAL PHYSICS I (4)

For chemistry, biology, and mathematics majors. Newtonian mechanics, mechanics of solids and fluids, and heat and thermodynamics. Three hours of lecture and three of laboratory each week.

Prerequisites: MAT 1125 or MAT 1130 and 1140 or higher (except MAT 2200) or permission of the instructor.

Offered: fall

PHY 1520 GENERAL PHYSICS II (4)

A continuation of 1510. Includes electricity and magnetism, waves and optics, and modern physics. Three hours of lecture and three hours of laboratory each week.

Prerequisite: PHY 1510 or permission of the instructor

Offered: spring

PHY 2510 GENERAL PHYSICS I-CALCULUS BASED (4)

For chemistry, biology, and mathematics majors. Newtonian mechanics, mechanics of solids and fluids, sound waves and Doppler's Principle, and heat, Carnot cycle and thermodynamics. Three hours of lecture and three hours of laboratory per week.

Prerequisites: MAT 2410 or permission of the instructor

Pre/Corequisite: MAT 2420

Offered: spring

PHY 2520 GENERAL PHYSICS II-CALCULUS BASED (4)

Magnetism in matter and magnetic fields, alternating and Direct current circuits, capacitors and transformers, and atomic, molecular, and nuclear physics, Quantum physics and theory of relativity. Three hours of lecture and three hours of laboratory per week.

Prerequisites: PHY 2510 and MAT 2420 or permission of the instructor

Offered: fall

Science Course Descriptions - SCI

SCI 1410 EARTH SCIENCE (3)

A survey course for non-science majors. The primary concepts in geosciences are introduced, including geology, hydrogeology, oceanography, and meteorology. The course emphasizes the relationships among geosciences as Earth systems. This course includes 150 minutes of lecture and 90 minutes of laboratory each week in a 16-week semester. (Not to be used for the Middle Grades Science concentration. GSC 1600 is recommended for any environmental or science program.

Corequisite: MAT 1050 or higher

Offered: fall and spring

SCI 1420 BIOLOGICAL SCIENCE (3)

Major concepts of biology, including cellular structure, diversity of form, interrelationships among living organisms, and the importance of other organisms to man. 150 minutes of lecture and 90 minutes of laboratory each week.

Offered: fall and spring

SCI 1430 PHYSICAL SCIENCE (3)

Basic topics of physics and chemistry with special emphasis on real world applications. 150 minutes of lecture and 90 minutes of laboratory each week.

Prerequisite: MAT 1050 or higher

Offered: fall and spring

SOCIAL SCIENCES

POLITICAL SCIENCE (A.A., B.A.)

Political science is the study of governments, public policies, and political action. Political science uses both humanistic and scientific approaches to examine the origins, structure, and operation of government in America and in other countries and regions of the world. In addition to the major in Political Science, concentrations are offered in International Relations and Public Administration, as well as a recommended course track for pre-law.

Graduates in political science are qualified to enter many different career fields. Specific opportunities include business, the law, state, local, and federal government, journalism, international organizations and finance, political campaigns, the military, interest groups and associations, and teaching. Political science training also provides valuable preparation for participating in community organizations, electoral politics, activities on behalf of specific policies, or seeking elected or appointed positions in government.

Students majoring in other fields should find political science electives attractive for complementing their career preparation and fulfilling various requirements of the General Education Core.

Mission

To educate students in American political thought, governance, and citizenship, and to inspire them to participate in the political process; to prepare Political Science majors for professional employment and/or advanced study, and to stimulate them in anticipating their future careers.

Goals

To achieve its mission, the Political Science program utilizes two student learning outcome goals that are assessed annually.

- Students who graduate with a major in Political Science will demonstrate essential knowledge in four sub-disciplines to include: comparative government and international politics, normative and empirical theory, public administration, and the United States government.
- Students who complete the PSC 1510 American Government course will meet the objectives of the General Education core requirement for social sciences. Students will demonstrate an understanding of the dimensions of social sciences to include constitutional foundations, political institutions, public policy, and politics and society.

Associate of Arts with a concentration in Political Science

Select any 18 credit hours from courses with a PSC prefix.

Total: 18 credit hours

Bachelor of Arts in Political Science

Required Political Science Core Courses: 21 credit hours

PSC 1510 American Government (3)	PSC 3410 Congress and the Presidency (3)
PSC 2100 Research Methods in Political Science (3)	PSC 3510 International Relations (3)
PSC 2270 Comparative Politics (3)	PSC 4600 Senior Seminar (3)
PSC 3330 Public Administration (3)	

Political Science major electives: 12 credit hours

Select four courses (12) credit hours of PSC electives at the 3000 or 4000 level.

Appropriate courses may be substituted with the permission of the division head.

Total: 33 credit hours

Concentration in International Relations

Required Political Science Core Courses: 21 credit hours

PSC 1510 American Government (3)	PSC 3410 Congress and the Presidency (3)
PSC 2100 Research Methods in Political Science (3)	PSC 3510 International Relations (3)
PSC 2270 Comparative Politics (3)	PSC 4600 Senior Seminar (3)
PSC 3330 Public Administration (3)	

International Relations concentration courses: 15 credit hours

PSC 3050 Democratic Principles and Theory (3)	PSC 4400 International Organizations (3)
PSC 3470 American Foreign Policy (3)	PSC 4510 International Political Economy (3)
PSC 4200 Policy Analysis and Program Evaluation (3)	

Political Science electives: 6 credit hours

Select two courses (6) credit hours from the following list:

PSC 4010 European Politics (3)	PSC 4040 Politics in East Asia (3)
PSC 4020 Middle East Politics (3)	PSC 4050 Latin American Politics (3)

Appropriate courses may be substituted with the permission of the division head.

Total: 42 credit hours

Concentration in Public Administration**Required Political Science Core Courses: 21 credit hours**

PSC 1510 American Government (3)	PSC 3410 Congress and the Presidency (3)
PSC 2100 Research Methods in Political Science (3)	PSC 3510 International Relations (3)
PSC 2270 Comparative Politics (3)	PSC 4600 Senior Seminar (3)
PSC 3330 Public Administration (3)	

Public Administration concentration courses: 21 credit hours

ACC 1510 Principles of Financial Accounting (3)	PSC 4200 Policy Analysis and Program Evaluation (3)
LSS 3000 Principles of Leadership (3)	PSC 4300 Campaign Seminar (3)
PSC 2010 State and Local Government (3)	PSC 4700 Internship (3)
PSC 3450 Political Parties and Interest Groups (3)	

Appropriate courses may be substituted with the permission of the division head.

Total: 42 credit hours

Minor in International Relations**Required Core Course: 3 credit hours**

PSC 3510 International Relations (3)

International Relations electives: 15 credit hours

Select five courses (15 credit hours) from the following course list:

PSC 2270 Comparative Politics (3)	PSC 4510 International Political Economy (3)
PSC 3050 Democratic Principles and Theory (3)	PSC 4010-4080 Area Studies – select one course from the sequence (3)
PSC 3470 American Foreign Policy (3)	HIS 3010 Modern Asian History (3) or HIS 3700 Contemporary World History (3) or HIS 3810 Topics in European Social and Cultural History (3) or HIS 4210 The American Military Experience (3) – select one course
PSC 4400 International Organizations (3)	

Total: 18 credit hours

Minor in Political Science

Select any 18 credit hours from courses with a PSC prefix.

Total: 18 credit hours

Minor in Public Administration**Required Course: 18 credit hours**

ACC 1510 Principles of Financial Accounting (3)	PSC 3330 Public Administration (3)
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PSC 1510 American Government (3)	PSC 3450 Political Parties and Interest Groups (3)
PSC 2010 State and Local Government (3)	PSC 4200 Policy Analysis and Program Evaluation (3)

Total: 18 credit hours

Pre-Law Course Track

The department recommends students majoring in Political Science who are interested in pursuing law school complete the following courses as part of their major and electives:

CME 2000 Rhetorical Theory and Practice (3)	PSC 3050 Democratic Principles and Theory (3)
ENG 3220 Advanced Grammar (3)	PSC 3100 Law and the Legal System (3)
PHI 2200 Contemporary Ethical Problems (3)	PSC 3850 U.S. Constitution (3)
PSC 2010 State and Local Government (3)	Completion of the Legal Studies Minor (21)

Political Science Course Descriptions – PSC

PSC 1070 POLITICS AND FILM (3)

Film plays a big role in contemporary American society. Sometimes films uphold traditional values and sometimes it sets new social trends. Sometimes it legitimates existing political attitudes and at other times it criticizes existing structures. Many films are political without ever intending to be, while others purposely address overt political themes. This course focuses on some of the most enduring political themes and questions through the narrative of film. From conceptions of power to the detailed workings of institutions, the films provide artistic illustrations of important political concepts. The class encourages students to think critically and creatively about politics and society.

Prerequisite: none

Offered: as needed.

PSC 1080 POLITICS AND SPORT (3) (GP)

Sports are a central part of life in modern nations. They are important social and cultural institutions that shape daily life. They are also inextricably linked with the political identities, processes, and values of citizens around the world. Though many would rather sports remain free from politics, the two competitive worlds are interwoven. As political discussion becomes more difficult and polarized, sports remain acceptable topics of debate and compromise. This allows for cross-discipline conversation that can bridge ideological gaps. This class will require readings in theory and case studies across the sports of the world.

Prerequisite: none

Offered: as needed

PSC 1510 AMERICAN GOVERNMENT (3)

This general introduction to the study of American government and politics focuses on the national level and on the actors and interests who contend for power and influence in Washington DC. Students will gain an understanding of the origins, structure, and operation of American government. Topics include American political culture, the framing of the Constitution, political parties, campaigns and elections, interest groups, the media, the Presidency, the Congress, the federal judiciary, and current issues of public policy.

Prerequisite: none

Offered: fall, spring, and summer

PSC 1710-1780 EXPERIENTIAL LEARNING PRACTICUM (1)

This course is designed to prepare students who are participating in competitive conferences like the Model United Nations.

Prerequisite: none

Offered: as needed

PSC 2010 STATE AND LOCAL GOVERNMENT (3)

Can a Mississippi lobbyist working in Vermont expect to encounter the same political opponents and friends that he or she would encounter back home? Why do superstars like the Terminator get elected to office? How do politics shape public policy? This course is designed to take up these questions and more. Students will be introduced to theories and empirical work related to state and local politics. The course will take a comparative approach to study, examining variation in governing methods, political culture and other political phenomena.

Prerequisite: none

Offered: spring (odd years)

PSC 2100 RESEARCH METHODS IN POLITICAL SCIENCE (3)

An introduction to the process of political inquiry and written analysis, this course helps students develop good research and writing habits in the specialized field of political science. Topics include the steps in the research process, the types of papers in political research, alternative approaches to research, and the techniques of quantitative analysis. This course is required for all political science majors, and it is recommended for students in a pre-law curriculum and the paralegal program.

Prerequisite: none

Offered: spring

PSC 2270 COMPARATIVE POLITICS (3) (GP)

Parliaments, politburos, juntas, revolutions, Islamic jihads – this introductory course explores the politics of other countries and regions and compares them to the United States. Topics include political culture, geography, history, types of political systems, patterns of governance, political thought, and issues of public policy.

Prerequisite: none

Offered: fall 222

PSC 3050 DEMOCRATIC PRINCIPLES AND THEORY (3)

One of the most fascinating topics within the realm of political science is the interpretations of democracy held by people around the globe and throughout modern history. This course begins with an examination of the concept of democracy held by the ancient thinkers such as Plato and Aristotle and then fast-forwards to modernity to investigate modern conceptions of democracy through the lens of ideologies. Students will investigate the assumptions of these ideologies regarding human nature and freedom and will have the opportunity to apply their knowledge in interpreting current American policy debates surrounding hot button issues.

Prerequisite: none

Offered: fall

PSC 3100 LAW AND THE LEGAL SYSTEM (3)

This course examines the traditions and historical development of the law in America, emphasizing the judicial process. Topics include the types and sources of law, the structure and functions of the state and federal court systems, civil and criminal law procedure, and judicial governance with special attention placed on the U.S. Supreme Court.

Prerequisite: none

Cross-listed with LAW 3100 and JUS 3100

Offered: spring

PSC 3330 PUBLIC ADMINISTRATION (3)

What do public managers do and how do they do it? These and other questions are addressed as this course explores the theory and processes of the modern bureaucratic state. Topics include administrative structure and functions, organizational direction, personnel and financial management, and bureaucratic governance and discretion. Consideration is given to the interaction of governmental and non-profit agencies.

Prerequisite: none

Offered: fall

PSC 3410 CONGRESS AND THE PRESIDENCY (3)

The U.S. Congress can be challenging to comprehend, even for the close follower of national politics. The American Presidency has transformed over time into the most powerful political office in the world. This course is designed to provide students with a thorough background on the character of these two institutions and introduce them to contemporary research. The course begins with an examination of Congress as both a representative body and a carefully designed political institution. Next the course proceeds to an examination of the Presidency and the relationship between Congress and the Executive branch.

Prerequisite: none

Offered: spring

PSC 3450 POLITICAL PARTIES AND INTEREST GROUPS (3)

Faction checking faction! This principle was constitutional framer James Madison's ideal for the new American republic, but in contemporary politics does representative governance fall prey to "special interests" and elitist political parties? Do moneyed interests and ideological parties so dominate the political arena that the voice of the commoner goes unheard? This course will introduce students to the 223 history and contemporary state of political parties and interest groups in the United States, scholarly debates surrounding parties and interest groups, and these organizations' roles in elections and in governing.

Prerequisite: none

Offered: spring (even odds)

PSC 3470 AMERICAN FOREIGN POLICY (3) (GP)

The Twin Towers, the Persian Gulf, Vietnam, the Cold War, World War II, and other significant past experiences are examined in an effort to understand the "how" and "why" of American foreign policy. The policy-making process of the national security establishment is observed. Key concepts include vital national interests, national policy objectives, institutional roles, and the domestic sources of foreign policy.

Prerequisite: none

Offered: spring (even years)

PSC 3510 INTERNATIONAL RELATIONS (3) (GP) What are the games nations play? What are the rules? Are there any rules? The balance of power, diplomacy, imperialism, and collective security are just some of the topics surveyed in this wide-ranging look at world politics. This course focuses on the issues of war, development, and trade in the international system, while also including some attention to international organizations and international law.

Prerequisite: none

Offered: spring

PSC 3850 THE U. S. CONSTITUTION (3)

Prayer in schools, abortion, gay rights, burning the American flag, term limits-these are some of the constitutional issues this course examines as it studies the actors and actions that develop constitutional law. Topics include leading Supreme Court decisions, the amending process, separation of powers, federalism, economic liberties, civil liberties, civil rights, and due process.

Prerequisite: none

Cross-listed: LAW 3850

Offered: fall (odd years)

PSC 4010 to 4100 AREA STUDIES (3)

The courses in Area Studies examine the political setting, patterns of governance, and current political problems of a particular region of the world. Selected countries within each region are identified for in-depth comparison. Topics include political culture, political thought, geography, history, political and economic development, and comparative public policy. These courses are offered as needed. There are no prerequisites. These courses may offer a Study Abroad component. Specific regions covered are:

- PSC 4010 EUROPEAN POLITICS (3) (GP)
- PSC 4020 MIDDLE EAST POLITICS (3) (GP)
- PSC 4030 POLITICS IN AFRICA (3)
- PSC 4040 POLITICS IN EAST ASIA (3) (GP)
- PSC 4050 LATIN AMERICAN POLITICS (3) (GP)
- PSC 4060 ADVANCED INDUSTRIAL COUNTRIES (3)
- PSC 4070 POLITICS IN SOUTHEAST ASIA (3)
- PSC 4080 POLITICS IN DEVELOPING COUNTRIES (3)

PSC 4200 POLICY ANALYSIS AND PROGRAM EVALUATION (3)

This course examines how government policies and programs are analyzed and evaluated. Initially, the course examines how public policy issues are framed within the policy process. Then the course examines the practice of program evaluation. The course includes discussions of ethical issues, quantitative and qualitative methods, cost/ benefit analysis, and how to communicate the results of policy analysis and evaluation.

Prerequisite: none

Offered: spring (even years)

PSC 4300 POLITICAL CAMPAIGN SEMINAR (3)

Learn what constitutes a winning campaign. This course examines the major elements of a political campaign, including campaign strategy and finance, issue selection, event planning, polling, election law, as well as the influence of the media and campaign ethics. Normally offered during an election year, current events form an important part of the course material, and there is opportunity for campaign field experience. Prerequisite: none Offered: fall (even years)

PSC 4400 INTERNATIONAL ORGANIZATIONS (3) (GP)

This course studies the structures that attempt to organize interstate relations, which includes both governmental and non-governmental organizations, international law, and international regimes. Specific study of the United Nations system and the European Union is included.

Prerequisite: none

Offered: fall (odd years)

PSC 4510 INTERNATIONAL POLITICAL ECONOMY (3) (GP)

This course examines the political dynamics of the development and management of the contemporary international economic system. Among the topics covered are the decision-making role of international economic organizations, the political implications of interdependence, and the activities of transnational actors.

Prerequisite: none

Offered: spring (odd years)

PSC 4600 SENIOR SEMINAR (3)

This is a senior-level, capstone course required for all students majoring in Political Science. Students draw upon all the knowledge, theory, and skills from their earlier courses to undertake an original, empirical research project using quantitative methods. Students complete a Senior Thesis and a Power-Point presentation. Juniors must receive the consent of the instructor to be admitted.

Prerequisites: completion of PSC 2100 or permission of the instructor

Offered: fall

PSC 4650 MUNICIPAL RESEARCH PRACTICUM (3)

The application of knowledge gained in the classroom through experiential learning affords the student an opportunity to apply his/her knowledge in a practical setting. The Municipal Research Practicum partners upper division students with a municipal organization (local government agency) and enables the student, under the supervision of a MU faculty member and agency supervisor, to engage in a research project for a municipal agency or department. The municipal agency benefits from a study of an important issues or policy. The student benefits from applied research and practical application of Public Administration policy analysis and evaluation skills.

Prerequisites: permission of the instructor required, and arrangements made the preceding semester

Offered: as needed

PSC 4700 INTERNSHIP (TBD)

Internships provide opportunities for well-qualified, upper-division students to work in a “real world” professional setting and gain invaluable experience. These can be found locally or in Washington DC, and could be with a government agency, non-profit organization, or private enterprise. The instructor must grant permission and determine the hours of credits before registration for the internship.

Prerequisite: permission of the instructor required, and arrangements made the preceding semester

Offered: fall, spring, and summer

PSC 2850/4850 SPECIAL TOPICS SEMINAR (3)

When warranted, instructors can offer this course to examine topics not covered by the normal course offerings. Students engage in discussion, research, and writing. It is open to sophomore, junior, and senior Political Science majors and to others by permission of the instructor. Topics vary and are announced in advance.

Prerequisite: none

Offered: as needed

PSC 4990 INDEPENDENT STUDY IN POLITICAL SCIENCE (TBD)

This is an individual, tutorial course established at the request of the student when special needs or circumstances require examination of subject matter not available in other courses. Students engage in an individual program of reading, research, and written requirements. This provides an opportunity for well-qualified, upper-division students to engage in special research in Political Science.

Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval is sought from Provost. Credits to be determined.

Offered: as needed

PSYCHOLOGY (B.S.)

Psychology is the science of behavior and mental processes (perception, emotion, and cognition), and the application of the knowledge acquired to the resolution of personal and social problems.

For students seeking a B.S., the Department of Psychology offers a major in psychology with an optional applied concentration in either human performance or counseling/clinical psychology.

The concentration in human performance combines the related specialties of human factors and industrial/organizational (I/O) psychology. Human factors applies psychology to the design of systems, machines, and products so that people can use them more comfortably, safely, and effectively. I/O psychology applies psychology to improve the productivity and satisfaction of members of organizations (such as employees in manufacturing plants).

The concentration in counseling/clinical psychology combines the related areas of counseling psychology and clinical psychology. Counseling psychology applies psychology to common problems in living, such as in choosing a career or resolving issues in a personal relationship. Clinical psychology applies psychology not only to common problems in living but also to psychological disorders, such as a phobia or clinical depression. Basic and applied specialties in psychology are numerous and extraordinarily diverse. Not all students majoring in psychology pursue one of the two applied concentrations.

A major in psychology is an excellent choice for some students. Some students majoring in a different area who have the ability to complete two majors may wish to major in psychology as well. Given its nature, it complements many other academic areas.

Mission

The Department seeks to develop students who understand the psychological functioning of themselves and others, know how psychology is applied to enhance human life, know the ways knowledge (especially scientific knowledge) is acquired, and are prepared to enter graduate school or the workforce. The Department supports the mission of the university, with particular emphasis on providing an education grounded in the liberal arts tradition and developing whole persons who will make substantial contributions.

Goals

- Students will acquire a significant understanding of their psychological functioning (perceiving, feeling, thinking, and behaving) and its development, and that of others.
- Students will acquire significant knowledge of the application of psychology to the enhancement of human life.
- Students will acquire significant knowledge of different approaches to attaining knowledge, with an emphasis on the scientific approach.
- Students who major in psychology will be prepared for entrance into a graduate program in psychology or an entry-level job related to the provision of psychological services in which a baccalaureate degree in psychology is a requirement or an alternative requirement.

***Bachelor of Science in Psychology**

Required Psychology Core Courses: 16 credit hours

*PHI 2130 Argument and Inference (3)	PSY 3550 Experimental Psychology (4)
*PSY 1010 General Psychology (3)	PSY 4850 Research Seminar (3)
*PSY 2500 Statistics for Psychology (3)	

*Course must be successfully completed with a final grade of C or better.

Additional major courses: 12 credit hours

Select four courses (12 credit hours) from the following course list:

PSY 2040 Lifespan Development (3)	PSY 3850 Special Topics in Psychology (3)
PSY 3400 Physiological Psychology (3)	PSY 3950 Memory and Cognition (3)
PSY 3610 Social Psychology (3)	PSY 4050 Theories of Personality (3)
PSY 3700 Perception (3)	PSY 4310 Principles of Learning

Psychology Electives: 13 credit hours

Select 13 credit hours of PSY electives. Additional major courses not selected from the list above may be used to fulfill this requirement.

Total: 41 credit hours

***Concentration in Counseling/Clinical Psychology**

Note: The concentration in Counseling/Clinical Psychology has a GPA requirement of 2.7 or better in both the concentration and overall.

Required Psychology Core Courses: 16 credit hours

*PHI 2130 Argument and Inference (3)	PSY 3550 Experimental Psychology (4)
*PSY 1010 General Psychology (3)	PSY 4850 Research Seminar (3)
*PSY 2500 Statistics for Psychology (3)	

*Course must be successfully completed with a final grade of C or better.

Counseling/Clinical Concentration courses: 18 credit hours

PSY 2040 Lifespan Development (3)	PSY 3470 Tests and Measurement (3)
PSY 3300 Psychological Counseling (3)	PSY 3610 Social Psychology (3)
PSY 3410 Abnormal Psychology (3)	PSY 4050 Theories of Personality (3)

Select one course from either PSY 3400 or PSY 4310: 3 credit hours

PSY 3400 Physiological Psychology (3)	PSY 4310 Principles of Learning (3)
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Psychology electives: 6 credit hours

Select two courses (6 credit hours) of psychology electives. PSY 3400 or PSY 4310 may be used to fulfill this requirement if not selected above.

Total: 43 credit hours

***Concentration in Human Performance Psychology**

Note: The concentration in Human Performance Psychology has a GPA requirement of 2.7 or better in both the concentration and overall.

Required Psychology Core Courses: 16 credit hours

*PHI 2130 Argument and Inference (3)	PSY 3550 Experimental Psychology (4)
*PSY 1010 General Psychology (3)	PSY 4850 Research Seminar (3)
*PSY 2500 Statistics for Psychology (3)	

*Course must be successfully completed with a final grade of C or better.

Human Performance Concentration courses: 24 credit hours

PSY 3100 Industrial/Organizational Psychology (3)	PSY 3470 Tests and Measurement (3)
PSY 3200 Human Factors (3)	PSY 3610 Social Psychology (3)
PSY 3300 Psychological Counseling (3)	PSY 3700 Perception (3)
PSY 3400 Physiological Psychology (3)	PSY 3950 Memory and Cognition (3)

Psychology electives: 6 credit hours

Select two courses (6 credit hours) of psychology electives

Total: 46 credit hours

***Minor in Psychology**

PSY 1010 General Psychology (3) and an additional 12 credit hours of PSY courses.

Total: 15 credit hours

Minor in Cognitive Behavioral Neuropsychology**Required Courses: 21-23 credit hours**

PSY 1010 General Psychology (3)	PSY 3820 Cognitive Neuroscience (3) or PSY 3850 Special Topics in Psychology (3)
PSY 3400 Physiological Psychology (3)	BIO 2110 Survey of Human Anatomy & Physiology I (4) or PSY 3360 Health Psychology (3) or PSY 3410 Abnormal Psychology (3)
PSY 3700 Perceptions (3)	SCI 1420 Biological Science (3) or BIO 1530/1531 Fundamentals of Biology I with Lab (4)
PSY 3950 Memory and Cognition (3)	

Total: 21-23 credit hours

Psychology Course Descriptions - PSY**PSY 1010 GENERAL PSYCHOLOGY (3)**

Introduction to the science of psychology. Substantive topics include the history of psychology, the biology of psychological processes, psychological development, perception, learning, memory, personality, and social psychology.

Prerequisite: none

Offered: fall and spring

PSY 2040 LIFE-SPAN HUMAN DEVELOPMENT (3)

The physical, cognitive, and psychosocial changes that usually occur to a person from conception through old age. Theories of psychological development and development through adolescence are emphasized.

Prerequisite: PSY 1010

Offered: fall

PSY 2500 STATISTICS FOR PSYCHOLOGY (3)

Covers the role and conceptual basis of statistics in psychological research, descriptive statistics, basic principles of probability, sampling distributions, the logic of hypothesis testing, and parametric and nonparametric inferential statistics (e.g., confidence intervals, t-tests, analysis of variance, correlation/regression, and chi square).

Prerequisites: PSY 1010 or SOC 1510, and MAT 1050 or higher

Offered: spring and as needed in the fall

PSY 3010 INTRODUCTION TO GERONTOLOGY (3)

Aging, including historical perspectives; demographic trends; psychological and physiological processes of later life; and social role behavior in such areas as retirement, politics, religion, family life, housing, death, and dying.

Prerequisite: none

Cross-listed with SOC 3010

Offered: as needed

PSY 3100 INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY (3)

The application of psychology to improve the productivity and satisfaction of members of an organization. Topics include personnel selection, performance appraisal, job analysis, job training, work motivation, job satisfaction, group processes, leadership, and organizational theory and development.

Prerequisites: PSY 1010, and BUS 2160 or PSY 2500 or permission of instructor

Offered: every third or fourth semester

PSY 3200 HUMAN FACTORS (3)

The application of psychology to the design and evaluation of person-machine-environment systems. Topics include the human operator as a receiver, processor, and emitter of information; the effects of fatigue and environmental stress; and human factors in accident research.

Prerequisites: PSY 1010 and PSY 2500, or permission of instructor

Offered: every third or fourth semester

PSY 3300 PSYCHOLOGICAL COUNSELING (3)

Development of basic skills used in all helping relationships and those used specifically in psychological counseling, an attainment of a general understanding of the major theoretical approaches to counseling and knowledge concerning the interventions associated with each of the major theoretical approaches.

Prerequisites: PSY 1010 and one of the following: PSY 3410 and PSY 4050, or permission of the instructor

Offered: spring

PSY 3360 HEALTH PSYCHOLOGY (3)

Study of the psychosocial factors promoting health-enhancing and health-destructive behaviors. The course will survey the field of health psychology, including the psychology-healthcare relationship; methods of investigation; personality, lifestyle, and/or affective/cognitive correlates of health status; the role of social support; and interventions to promote resilience and to improve wellness habits.

Prerequisite: PSY 1010

Offered: every third or fourth semester

PSY 3400 PHYSIOLOGICAL PSYCHOLOGY (3)

Anatomy and physiology of the brain and nervous system and their impact on behavior. Topics include neural communication, psychopharmacology, research methods, movement, emotion and stress, sexual behavior, ingestive behavior, learning and memory, human communication, and neurological disorders.

Prerequisites: PSY 1010 and either SCI 1420 or BIO 1530, or permission of instructor

Offered: spring

PSY 3410 ABNORMAL PSYCHOLOGY (3)

Abnormal behavior and mental processes. Topics include the distinction between normality and abnormality, the classification and diagnosis of psychological disorders, the neurotic and psychotic disorders, and the major therapeutic approaches.

Prerequisite: PSY 1010

Offered: fall

PSY 3470 PSYCHOLOGICAL TESTS AND MEASUREMENTS (3)

Theory of the measurement of behavior and mental processes, application of the theory, and tests of cognitive abilities, personality, and vocational interest. Special attention given to the use of psychological tests in psychological counseling.

Prerequisites: PSY 1010 and PSY 2500, or permission of instructor

Offered: spring

PSY 3550 EXPERIMENTAL PSYCHOLOGY (4)

Scientific research methods used in psychology with an emphasis on the experimental research method. Includes reviewing literature of a psychological research topic, designing and conducting an experiment, 208 and preparing a research report of the experiment using APA style. Designated writing-enrichment course for psychology majors.

Prerequisites: PSY 1010, PHI 2120, and PSY 2500, all with a grade of C or better or permission of instructor.

Offered: fall

PSY 3610 SOCIAL PSYCHOLOGY (3)

The influence others have on an individual's mental processes and behavior. Topics include the social self, person perception, attitudes, interpersonal attraction, social influence, prosocial behavior, aggression, group dynamics, and applied social psychology.

Prerequisite: PSY 1010

Cross-listed with SOC 3610

Offered: every second or third semester

PSY 3700 PERCEPTION (3)

The sensory and cognitive processes utilized to construct a phenomenological reality, emphasizing brightness, color vision, length and form perception, depth perception, and theories developed to explain these phenomena.

Prerequisite: PSY 1010 Offered: every second or third semester

PSY 3820 Cognitive Neuropsychology (3)

This course in cognitive neuroscience explores the neural basis of mental processes, including high-level vision, attention, memory, language, and action. Students will learn about various methodologies such as physiological recordings from neurons in animals, functional neuroimaging of normal subjects, and behavioral studies of patients with cognitive deficits. The course will cover topics such as hemispheric specialization, object recognition, attention and action, cognitive control, social cognition, and consciousness. Clinical neuropsychology case exemplars will also be discussed. By the end of the course, students will have a better understanding of the methods used to study cognitive processes in the brain and how they apply to clinical cases in neuropsychology.

Prerequisites: SCI 1420 or BIO 1530/1531 and PSY 101

Offered: as needed

PSY 3850 SPECIAL TOPICS IN PSYCHOLOGY (3)

A topic in psychology not covered in depth in any of the other established courses in psychology.

Prerequisite: PSY 1010

Offered: as needed

PSY 3950 MEMORY AND COGNITION (3)

Theories and data pertaining to cognitive psychology. Attention, imagery, memory structure and organization, rehearsal strategies, concept formation, language, and problem-solving emphasized.

Prerequisite: PSY 1010

Offered: every third or fourth semester

PSY 4050 THEORIES OF PERSONALITY (3)

Theories of the behavior and mental processes that characterize an individual. Included are psychoanalytic, humanistic, existential, trait, and behavioral theories.

Prerequisite: PSY 1010

Offered: every year

PSY 4100 PSYCHOLOGY PRACTICUM (4)

Observation of and supervised experience of psychology-related activities in a clinical, other human service, or business setting. Requires the completion of 50 hours of psychology-related activities and 75 hours onsite. Prerequisites: Majoring in psychology and completing 79 credit hours toward the baccalaureate degree and 24 credit hours toward the major, including PSY 1010 and 2500, and achieving a GPA of 2.5 overall and in the major. Applications must be made to the division head by the week prior to preregistration the previous semester. Some practicums will be designated as “counseling/clinical” or “human performance.” In addition to the above requirements, students taking these practicums must have declared the relevant concentration and have a GPA of 2.7 overall and in the concentration. The counseling/ clinical practicum also requires completion of PSY 3300 and 3410; the human performance practicum also requires completion of PSY 3100, 3300, and 3470. For placements, the department faculty may require additional courses. The Psychology Department faculty must approve all practicums and any waivers of prerequisites.

PSY 4310 PRINCIPLES OF LEARNING (3)

Theories and supporting data related to animal and human conditioning. Habituation, classical conditioning, operant conditioning, schedules of reinforcement, generalization, and discrimination emphasized.

Prerequisite: PSY 1010

Offered: every third or fourth semester

PSY 4850 RESEARCH SEMINAR (3)

Each student selects a research problem in psychology, reviews the problem in the literature, forms a causal hypothesis, designs and conducts an experiment to test the hypothesis, analyzes and interprets the data, and reports the experiment in a manuscript prepared in APA style.

Prerequisites: PSY 1010, PHI 2120, PSY 2500, and 3550, or permission of instructor

Offered: spring

PSY 4990 INDEPENDENT STUDY IN PSYCHOLOGY (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major.

Prerequisite: PSY 1010 and approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined

SOCIOLOGY (A.A., B.A.)

Associate of Arts with a concentration in Sociology

SOC 1510 Principles of Sociology (3) and an additional 15 credit hours of SOC courses.

Total: 18 credit hours

Bachelor of Arts in Sociology

All students must receive a final grade of C or better in all required courses for the Sociology major.

Required Sociology Core Courses: 12 credit hours

SOC 1510 Principles of Sociology (3)	SOC 3320 Methods of Social Research (3)
SOC 2530 Global Social Problems (3)	SOC 4500 Research Seminar (3)

Select one course (3 credit hours) from SOC 4200 or SOC 4310

SOC 4200 Contemporary Sociological Theory (3)	SOC 4310 Classical Sociological Theory (3)
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Select one Statistics course (3 credit hours) from the following list:

BUS/ECO 2160 Statistics for Business and Economics (3)	PSY 2500 Statistics for Psychology (3)
MAT 2200 Applied Statistics (3)	SOC 2200 Applied Statistics (3)

Select six courses (18 credit hours) of Sociology electives.

Note: Both HIS 2170 Race, Ethnicity, and Global Perspective and HIS 3820 History and Gender may be used to fulfill the Sociology elective requirement.

Total: 36 credit hours

Minor in Sociology

SOC 1510 Principles of Sociology (3) and an additional 15 credit hours of SOC courses.

Total: 18 credit hours

Minor in Public Health

Required Core Courses: 12-13 credit hours

BIO 1530/1531 Fundamentals of Biology I with Lab (4) or ENM 1010 Environmental Science (3)	SOC 3880 Medical Sociology (3)
MAT 2200 Applied Statistics (3) or PSY 2500 Statistics for Psychology (3) or SOC 2200 Applied Statistics (3)	SOC 4000 Epidemiology (3)

Public Health Minor Electives: 6 credit hours

Select two courses (6 credit hours) from the following course list:

KIN 3115 Health Education (3)	SOC 3860 Drugs and Society (3)
PSY 3360 Health Psychology (3)	SOC 3800 – 3990 Special Topics in Sociology/Anthropology – Global Health

Total: 18 credit hours

Sociology Course Descriptions - SOC

SOC 1510 PRINCIPLES OF SOCIOLOGY (3)

The science of human society with emphasis on description and analysis of society, culture, the socialization process, social institutions, and social change.

Prerequisite: none

Offered: fall and spring

SOC 2200 APPLIED STATISTICS (3)

This course will include descriptive and inferential statistics, the logic of probability and hypothesis testing with emphasis on applications in social research.

Prerequisite: none

Offered: fall and spring

SOC 2530 GLOBAL SOCIAL PROBLEMS (3) (GP)

From global warming to global capitalism, from international drug cartels to international terrorism, it is apparent that neither causes nor solutions to most social problems can be addressed simply within one country. This course will address issues such as work, poverty, crime, health, environment, war, and terrorism within a global perspective.

Prerequisite: none

Offered: as needed

SOC 2560 CULTURAL ANTHROPOLOGY (3) (GP)

A survey of the topics of cultural anthropology: language, kinship, economy, tribal/ethnic conflict, gender, age, race, magic and religion, colonialism and violence, globalization. Special attention will be given to the culture concept and ethnographic inquiry.

Prerequisite: none

Offered: fall

SOC 3010 INTRODUCTION TO GERONTOLOGY (3)

Aging, including historical perspectives; demographic trends; psychological and physiological processes of later life; and social role behavior in such areas as retirement, politics, religion, family life, housing, death, and dying.

Prerequisite: none

Cross-listed with GRN 3010 and SWK 3010

Offered: spring

SOC 3050 DEATH AND DYING (3)

Personal and societal reaction to death with emphasis on euthanasia and suicide and the experience of the dying individual in relation to self, family, and care-providing institutions.

Prerequisite: none

Cross-listed with GRN 3050 and SWK 3050

Offered: as needed

SOC 3090 CRIMINOLOGY (3)

The nature and types of delinquent and criminal behavior; the nature of the criminal and the crime; social, cultural, and psychological factors involved in illegal behavior; control and prevention; police, courts, probation, and correctional institutions.

Prerequisite: none

Offered: every fall and spring semester

SOC 3110 JUVENILE DELINQUENCY (3)

The nature and causes of juvenile delinquency, including individual, community, and labeling theories, with attention to such social responses as prevention programs, juvenile courts, probation, correctional institutions, and rehabilitation.

Prerequisite: SOC 3090 or consent of instructor.

Cross-listed with JUS 3110

Offered: as needed

SOC 3320 METHODS OF SOCIAL RESEARCH (3)

This course covers the scientific method and research design, including an introduction to quantitative and qualitative data collection and analysis. The student will develop an original research proposal.
Prerequisites: SOC 2200, JUS 2200, MAT 2200, PSY 2500 or ECO 2160, or with permission of the division head

Cross-listed with JUS 3320 and SWK 3320

Offered: fall and spring

SOC 3450 PHYSIOLOGY OF AGING (3)

This course will examine changes with aging in various body systems, diseases found primarily among the aging, and maintenance of health in aging, especially through nutrition and exercise programs.

Prerequisite: none

Cross-listed with GRN 3450 and SWK 3450

Offered: as needed

SOC 3600 RACE & ETHNIC RELATIONS (3)

Sociological perspectives on race and ethnic relations will be explored in both the United States and around the world. Topics may include immigration, the history of racism, structural racism, ethnic conflict, or social movements.

Prerequisite: none

Offered: fall

SOC 3610 SOCIAL PSYCHOLOGY (3)

The influence others have on an individual's mental processes and behavior. Topics include the social self, person perception, attitudes, interpersonal attraction, social influence, prosocial behavior, aggression, group dynamics, and applied social psychology. Cannot receive credits if credits received for SOC 3930

Prerequisite: PSY 1010

Cross-listed with PSY 3610

Offered: fall semester

SOC 3720 CONTEMPORARY FAMILIES AND INTIMATE RELATIONSHIPS (3)

Love, sexuality, mate selection, marriage, divorce, and child-rearing in a changing society.

Prerequisite: none

Offered: fall

SOC 3800-3990 SPECIAL TOPICS IN SOCIOLOGY/ANTHROPOLOGY (3)

Courses on fields of special interest.

Prerequisite: none

SOC 3820 SOCIOLOGY OF CHILDHOOD (3)

This course is an overview of the sociological contributions to our understanding of childhood. We will consider diverse dimensions of childhood including age, gender, race/ethnicity, class, nationality, and sexuality.

Prerequisite: none

Offered: as needed

SOC 3830 GENDER AND SOCIETY (3)

A study of the impact of gender on society and the individual. Examines sources of gender identity. Considers effects of gender in such areas as social stratification, politics, work, religion, and the family. Reviews the history and impact of the women's movement.

Prerequisite: none

Offered: fall

SOC 3860 DRUGS AND SOCIETY (3)

Examines the impact of various types of psychoactive drugs on society. Includes recreational and psychotherapeutic drugs available both legally and illegally. The effects of various drugs and the history of governmental regulations of controlled substances are considered as well as current social problems associated with drug use and various attempts to deal with the drug problem.

Prerequisite: none

Offered: as needed

SOC 3880 MEDICAL SOCIOLOGY (3)

A study of the national and global health care system and social factors in health and illness, including the social demography of health, epidemiology, health and illness behavior, health care professions, the hospital as a social system, the sick role, medical ethics, and health care policy.

Prerequisite: none

Offered: fall and summer

SOC 3900 SPORT IN SOCIETY (3)

A study of sport as a social institution, including its relationships with such other institutions as education, the economy, and the media. Examines such topics as the functions of sport, sport as a career and as a business, the role of minorities and gender differences in sport, and such ethical issues as cheating, drug use, and violence within the world of sports.

Prerequisite: none

Offered: as needed

SOC 3920 HUMAN SEXUALITY (3)

A study of historical, biological, cultural, legal, and ethical issues relating to human sexuality. Includes such issues as conception, pregnancy, birth control; heterosexual and homosexual patterns of sexual expression; gender roles; sexual dysfunctions and therapy; sexually transmitted diseases; and laws and norms regulating sexual expression.

Prerequisite: none

Offered: spring

SOC 4000 EPIDEMIOLOGY (3)

This course covers applications of epidemiologic methods and procedures to the study of the determinants and distribution of health and diseases, morbidity, injuries, disability, and mortality in societal populations. Epidemiologic methods for the control of conditions such as infectious and chronic diseases, mental disorders, community and environmental health hazards, and unintentional injuries will be covered. Other topics include quantitative methods in epidemiology, data sources, measures of morbidity and mortality, evaluation of correlation and causations and study design.

Prerequisites: SOC 2200 or PSY 2500.

Offered: once a year

SOC 4200 or 4300 CONTEMPORARY SOCIOLOGICAL THEORY or CLASSICAL SOCIOLOGICAL THEORY (3)

The study of key contemporary theorists influencing sociological thought.

Prerequisite: Permission of instructor

Offered: spring, every other year

SOC 4310 CLASSICAL SOCIOLOGICAL THEORY (3)

Historical and analytical study of sociological thought with emphasis on the ideas and assumptions of key theorists.

Prerequisite: none

Offered: as needed

SOC 4500 RESEARCH SEMINAR (3)

Students will develop an original study by collecting and analyzing their own data. The student will present an oral and written report on their research.

Prerequisites: Sociology major, or consent of instructor

Offered: spring

SOC 4700 INTERNSHIP (3)

The student is placed in an approved community setting for a supervised learning experience. Minimum requirement of 100 hours in the agency and a weekly on-campus seminar.

Prerequisite: none

Offered: as needed

SOC 4990 INDEPENDENT STUDY IN SOCIOLOGY (1-3)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major.

Prerequisite: approval by the faculty advisor, the supervising professor, the division head, and the college dean before approval by Provost. Credits to be determined.

THE LAURA S. TALLY CENTER FOR LEADERSHIP DEVELOPMENT (A.A.)

The Tally Center for Leadership Development was founded in 1995 on the belief that our country urgently needs better leaders in all walks of life. Within the Tally Center students participate in innovative courses, student-led activities, campus and community events, and off-campus internships. In addition to leadership theory and practice, the Center emphasizes ethics, character, and civic responsibility. With its own in-house, certified facilitators, the Center also presents “The 7 Habits of Highly Effective People.”

The Tally Center sponsors the Leadership Pathway of the MU Journey enrichment program. Students participate in a number of opportunities to develop their leadership potential. The Leadership Fellows Program is part of the MU Journey. Freshmen and sophomores are nominated and selected based on their leadership potential and academic achievement. Fellows complete a series of core requirements to successfully complete the program.

Mission

To empower students for effective leadership by equipping them with the knowledge, skills, values, and abilities necessary to achieve positive change in community life and in the workplace.

Goals

- Students who graduate with a Leadership Studies Minor will demonstrate basic skills of personal and interpersonal leadership; will demonstrate knowledge of the theories and approaches to

leadership; and will demonstrate the ability to analyze and understand contemporary issues of leadership.

- Students who graduate with a Church Leadership Minor will possess critical skills of personal and interpersonal leadership; will have a basic understanding of the Old Testament and the New Testament; and will be familiar with various systems of church government, ministry organization, theology, and worship.
- Students, staff, faculty, and community members who participate in one or more LSS courses or Tally Center sponsored events will have opportunities to increase their understanding and abilities of leadership.

Associate of Arts with a concentration in Leadership and Management

Required Core Courses: 6 credit hours

BUS 1510 Management and Organization (3)	LSS 3000 Principles of Leadership (3)
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Leadership electives: 6 credit hours

Select any 6 credit hours of courses with a LSS prefix

Business electives: 6 credit hours

Select two courses (6 credit hours) of courses from the list below:

BUS 1750 Personal Finance (3)	BUS 4850 Special Topics (3)
BUS 3200 Business Ethics (3)	

Total: 18 credit hours

Minor in Leadership Studies

Required Core Courses: 6 credit hours

LSS 3000 Principles of Leadership (3)	LSS 4700 Senior Internship (3)
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Leadership electives: 6 credit hours

Select two courses (6 credit hours) from the following list:

LSS 2500 Intercollegiate Leadership Competition (3)	LSS 3750 Future-Oriented Leadership (3)
CME 3600 Exploring Cross Cultural Communication (3)	LSS 4600 Church Leadership (3)
CME 3900 Collaborative Communication (3)	LSS 4850, 2850 Special Topics (3)
LSS 3500 Youth Ministry Leadership (3)	

Interdisciplinary Electives: 6 credit hours

Select two courses (6 credit hours) from the following list:

BUS 1510 Management and Organization (3)	PSC 2010 State and Local Government (3)
BUS/ENP 3010 Entrepreneurship (3)	PSC 3050 Democratic Principles and Theory (3)
BUS 3750 Human Resource Management (3)	PSC 3330 Public Administration (3)
CME 3600 Exploring Cross Cultural Communication (3)	PSY 3100 Industrial/Organizational Psychology (3)
CME 3900 Collaborative Communication (3)	PSY 3610 Social Psychology (3)
HIS 4220 Post WWII America (3)	SOC 2530 Global Social Problems (3)
PHI 2200 Contemporary Ethical Problems (3)	SWK 3150 Helping Processes (3)

Note: LSS courses not counted as Leadership Electives may count as Interdisciplinary Electives.

With the approval of the program director appropriate courses may be substituted.

Total: 18 credit hours

Minor in Church Leadership

Required Core Courses: 12 credit hours

LSS 3000 Principles of Leadership (3)	LSS 4600 Church Leadership (3)
LSS 3500 Youth Ministry Leadership (3)	LSS 4700 Senior Internship (3)

Religion Course: 3 credit hours

Select one course (3 credit hours) from REL 2010 or REL 2020

REL 2010 Survey of the Hebrew Bible (3)	REL 2020 Survey of the New Testament (3)
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Interdisciplinary Elective: 3 credit hours

Select one course (3 credit hours) from the following list:

CME 3600 Exploring Cross Cultural Communication (3)	LSS 3750 Future-Oriented Leadership (3)
CME 3900 Collaborative Communication (3)	LSS 4850, 2850 Special Topics (3)
LSS 3250 Theories and Techniques of Leadership (3)	SWK 3150 Helping Processes (3)
LSS 3400 Issues in Contemporary Leadership (3)	

With the approval of the program director appropriate courses may be substituted.

Total: 18 credit hours

Leadership Course Descriptions - LSS

LSS 2500 COLLEGIATE LEADERSHIP COMPETITION (3)

This is an experiential, competency-based course designed to help students become more aware of a wide range of communication and leadership concepts. It builds skills around ethical decision making, problem solving, negotiation, conflict management, and presentation skills. Six students will be chosen each year to represent Methodist University at a regional competition hosted by the national CLC organization.

Prerequisite: none

Offered: spring

LSS 3000 PRINCIPLES OF LEADERSHIP (3)

Examines the keys to effective leadership in both personal and interpersonal contexts. Uses group exercises, case analysis, role-playing, lecture, multimedia methods, and out-of-class research. Students develop practical skills in trust building, goal setting, time management, team building, communication, and group process. Students complete the Franklin Covey "7 Habits of Highly Effective People" curriculum and receive certificates widely respected throughout corporate America. Emphasizes ethical leadership, personal responsibility, and community service. Provides significant benefits for all career fields, including business, government, and the non-profit sector. This course fulfills three credits of the Business Administration requirement for nine credits of the 3000/4000-level electives.

Prerequisite: none

Offered: fall, spring, and summer

LSS 3250 THEORIES AND TECHNIQUES OF LEADERSHIP (3)

Examines theories and models of leadership and their practical application in different organizations and settings. The course addresses the structure of organizations and the styles of leadership effective in different situations. Students learn practical skills such as group process, problem solving, active listening, and effective presentation techniques. Designed to provide leadership practice and confidence.

Prerequisite: none

Cross-listed with BUS 3250 and JUS 3250

Offered: spring

LSS 3400 ISSUES IN CONTEMPORARY LEADERSHIP (3)

Explores the role of leadership in current political, economic, and social issues by using various approaches, including fiction, film, discussion, and case studies. Examines well-known leaders, past and present: the good, the bad, and the ugly. Develops leadership potential through practical, skills-building exercises in decision making, project planning, and communication.

Prerequisite: none

Offered: fall

LSS 3500 YOUTH MINISTRY LEADERSHIP (3)

The course examines various models and approaches to youth ministry. Students discuss the spirit and philosophy of youth work as well as specific practices and techniques. Program development will be emphasized, to include needs assessment, mission and goal setting, staffing, risk management, promotion, and evaluation. Other topics will deal with adolescent faith formation, today's youth culture, religious identity, and conflict resolution. Students currently involved in youth ministry will benefit most from this course, although that is not a requirement.

Prerequisite: none

Offered: fall

LSS 3750 FUTURE-ORIENTED LEADERSHIP (3)

A study of the leadership styles, abilities, and tools necessary to anticipate future trends and strategies to maximize benefits while minimizing threats. Futuring techniques to be discussed include Environmental Scanning, Delphi Technique, Brainstorming, Historical Perspective, Scenarios, and Trend Analysis. Emphasis will be placed on visionary leadership, transformational leadership, and paradigm pioneering.

Prerequisite: none

Cross-listed with JUS 3750

Offered: as needed

LSS 4600 CHURCH LEADERSHIP (3)

This course examines the keys to effective leadership within the context of established churches, mission organizations, para-church ministries, camps, youth ministries, and other ministries. Topics include church government and politics, diversity in theology and worship, and spiritual formation. Students develop practical skills in church related program planning and administration. Age-level specific best practices are incorporated throughout the term. The course emphasizes ethical leadership, personal responsibility, and community service.

Prerequisite: none

Offered: spring

LSS 4700, 4710 SENIOR INTERNSHIP (3-6)

Students intern in a government agency, nonprofit organization, or business. Students pursuing the Church Leadership Minor must intern in a church or another type of ministry approved by the Program Director. This course includes journal writing, readings, and a minimum of 100 contact hours with the organization (for 3 hours of credits). LSS 4710 can be taken alternatively for a full-time internship approved by the Program Director. The internship should be done in the senior year. Credits cannot be received for both LSS 4700 and 4710.

Prerequisites: LSS 3000 for students pursuing the Leadership Studies Minor; and LSS 3000 and LSS 4600 for students pursuing the Church Leadership Minor. Prerequisites can be waived with the approval of the Program Director.

Offered: fall, spring, and summer

LSS 4800 PRACTICUM IN CROSS-CULTURAL MINISTRY (1)

A practicum experience involving preparation, reflection, and work associated with participating in an MU approved cross- cultural ministry project of at least three days in duration. The practicum will enhance the student's preparation for and participation in mission experiences and will assist him/her in assessing those experiences 1credit This course may be repeated for up to three hours of credits.

Prerequisites: Instructor permission is required.

Offered: as needed

LSS 2850, 4850 SPECIAL TOPICS IN LEADERSHIP (3)

When warranted, instructors offer this course to examine topics not covered by normal course offerings. Students engage in discussions, readings, research, practical exercises, and writing, as required. Topics vary and are announced in advance.

Prerequisites: none

Offered: as needed

COLLEGE OF HEALTH SCIENCES AND HUMAN SERVICES

HEALTH CARE ADMINISTRATION (A.S., B.S.)

Health Care Administration is one of the most exciting and challenging careers in modern society. It offers an opportunity to have an impact directly on people's lives through the improvement of personal health services. The profession offers a challenge to those individuals who seek a management position that is rapidly changing and has significant social overtones.

Mission

The mission of the Health Care Administration Department is to prepare professionals to manage, lead and improve a changing health care system. Our graduate and undergraduate programs are designed, and continually strive to improve their efforts to meet the needs of the dynamic United States health care system, and to cultivate academic and healthcare leaders who create and apply evidence-based knowledge to enhance the health of individuals and communities.

Goals

The Health Care Administration (HCA) major at Methodist University's primary goal is to prepare students for careers as health administrators and to promote health care management excellence in the region.

Students who complete the Health Care Administration major will be prepared for professional entry-level employment in health care administration-related fields.

Values

The Health Care Administration major will be value-centered, driven by a philosophy of service to others. The major will strive to be an instrumental part of the educational process of people who want to positively contribute to the stewardship of resources in the health care field.

Associate of Science with a concentration in Health Care Administration

Required Core Courses: 18 credit hours

ACC 1510 Principles of Financial Accounting (3)	SCI 1410 Earth Science (3)
ACC 1520 Principles of Managerial Accounting (3)	SCI 1420 Biological Science (3)
MAT 1050 College Algebra (3) or higher	SCI 1430 Physical Science (3)

Health Care Administration electives: 18 credit hours

Select six courses (18 credit hours) from the following list:

HCA 2000 Introduction to Health Care Administration (3)	HCA 3600 Health Care Informatics (3)
HCA 2300 Medical Terminology (3)	HCA 4500 Health Care Research Methods/Senior Seminar (3)
HCA 3050 Managing Health Care Organizations (3)	HCA 4700 Foundations of Health Care Policy (3)
HCA 3300 Health Care Strategic Management (3)	HCA 4800 Health Care Administration Internship (3)
HCA 3400 Health Care Organizational Behavior (3)	HCA 4850 Special Topics in Health Care Administration (3)
HCA 3500 Economics and Finance of Health Care Organizations (3)	

Total: 36 credit hours

*Bachelor of Science in Health Care Administration

The Bachelor of Science in Health Care Administration is nationally certified by the Association of University Programs in Health Administration.

Major Course Requirements: 27 credit hours

HCA 2000 Introduction to Health Care Administration (3)	HCA 3600 Health Care Informatics (3)
HCA 3050 Managing Health Care Organizations (3)	HCA 4500 Health Care Research Methods/Senior Seminar (3)
HCA 3300 Health Care Strategic Management (3)	HCA 4700 Foundations of Health Care Policy (3)
HCA 3400 Health Care Organizational Behavior (3)	*HCA 4800 Health Care Administration Internship (3)
HCA 3500 Economics and Finance of Health Care Organizations (3)	

*All students (traditional or non-traditional) who do not have a minimum of five years' work experience (documented) in a health-related organization will be required to take HCA 4800 Health Care Internship course as a requirement for graduation.

Health Care Administration electives: 9 credit hours

Select three courses (9 credit hours) from the following list:

HCA 2300 Medical Terminology (3)	HCA 4400 Medical Coding (3)
HCA 4100 Managed Care/Medical Group Practice Management (3)	HCA 4850 Special Topics in Health Care Administration (3)
HCA 4200 Long Term Care Administration (3)	

Required Business Core Courses: 21 credit hours

ACC 1510 Principles of Financial Accounting (3)	ECO 1510 Principles of Macroeconomics (3)
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ACC 1520 Principles of Managerial Accounting (3)	ECO 1520 Principles of Microeconomics (3)
BUS 2160 Statistics for Business and Economics or MAT 2200 Applied Statistics (3)	MKT 1510 Principles of Marketing (3)
BUS 3520 Business Law I (3)	

Select one course (3 credit hours) from the following list:

BUS 3150 Business and Society (3)	PHI 3400 Medical Ethics (3)
PHI 3200 Business Ethics (3)	

Note: It is recommended that students majoring in Health Care Administration also complete LAW 2000 Introduction to Law, LAW 3820 Business Organizations, and SOC 3880 Medical Sociology.

Total: 60 credit hours

*Minor in Health Care Administration

Required Courses: 12 credit hours

HCA 2000 Introduction to Health Care Administration (3)	HCA 3300 Health Care Strategic Management (3)
HCA 3050 Managing Health Care Organizations (3)	HCA 3500 Economics and Finance of Health Care Organizations (3)

Select two additional courses (6 credit hours) from the following list:

HCA 2300 Medical Terminology (3)	HCA 4500 Health Care Research Methods/Senior Seminar (3)
HCA 3600 Health Care Informatics (3) or NUR 3600 Nursing Informatics (3)	HCA 4700 Foundations of Health Care Policy (3)
HCA 4100 Managed Care/Medical Group Practice Management (3)	HCA 4800 Health Care Administration Internship (3)
HCA 4200 Long Term Care Administration (3)	HCA 4850 Special Topics in Health Care Administration (3)
HCA 4400 Medical Coding (3)	

Total: 18 credit hours

Minor in Health Care Information Management

Required Courses: 15 credit hours

CSC 2010 Introduction to Computer Science (3)	CSC 4200 Database Management (3)
CSC 3601 Introduction to Cybersecurity (3)	HCA 3600 Health Care Informatics (3)
CSC 4100 Operating Systems (3)	

Total: 15 credit hours

Undergraduate Certificate in Health Care Administration

Students must complete fifty percent (50%) of the certificate courses in residence and earn a minimum cumulative GPA of 2.0 in the certificate courses.

Required Courses: 15 credit hours

HCA 2000 Introduction to Health Care Administration (3)	HCA 3500 Economics and Finance of Health Care Organizations (3)
HCA 2300 Medical Terminology (3)	HCA 4500 Health Care Research Methods/Senior Seminar (3)
HCA 3050 Managing Health Care Organizations (3)	

Select three additional courses (9 credit hours) from the following list:

HCA 3300 Health Care Strategic Management (3)	HCA 4700 Foundations of Health Care Policy (3)
HCA 3400 Health Care Organizational Behavior (3)	HCA 4800 Health Care Administration Internship (3)
HCA 3600 Health Care Informatics (3)	

Total: 24 credit hours

***Concentration in Health Care Administration**

In conjunction with the Reeves School of Business, the Concentration in Health Care Administration is available to students pursuing the following degrees: Bachelor Science in Accounting, Business Administration, Financial Economics, or Marketing.

Required Courses: 15 credit hours

HCA 2000 Introduction to Health Care Administration (3)	HCA 3500 Economics and Finance of Health Care Organizations (3)
HCA 2300 Medical Terminology (3)	HCA 4500 Health Care Research Methods/Senior Seminar (3)
HCA 3050 Managing Health Care Organizations (3)	

Select three additional courses (9 credit hours) from the following list:

HCA 3300 Health Care Strategic Management (3)	HCA 4700 Foundations of Health Care Policy (3)
HCA 3400 Health Care Organizational Behavior (3)	HCA 4800 Health Care Administration Internship (3)
HCA 3600 Health Care Informatics (3)	

Total: 24 credit hours

Health Care Administration Course Descriptions - HCA

HCA 2000 INTRODUCTION TO HEALTH CARE ADMINISTRATION (3)

A study of the United States health care system, its nature, organization, and functions. Study of how providers, managers, and consumers interact in the health care system. Current issues, with an emphasis on legislative initiatives, are studied.

Prerequisite: none

Offered: fall

HCA 2300 MEDICAL TERMINOLOGY (3)

Introduces prefixes, suffixes, and word roots used in the language of medicine. Topics include medical vocabulary and the terms that relate to anatomy, physiology, pathological conditions, and treatment of the conditions that can affect the eleven systems of the human body. Upon completion, students should be able to pronounce, spell, define, understand, and interpret over 11,000 medical terms as related to the body's systems and their pathological disorders.

Prerequisite: none

Offered: fall and spring

HCA 3050 MANAGING HEALTH CARE ORGANIZATIONS (3)

An introduction to the overall management of health-related organizations. Emphasis is on integrating fundamental tools, concepts, applications, and principles as a basis for successful management of a health related business. Focus is on managerial leadership, problem solving and critical thinking within contemporary health care-related organizations.

Prerequisite: none

Offered: spring

HCA 3300 HEALTH CARE STRATEGIC MANAGEMENT (3)

An introduction to the strategic management process in health care organizations. Provides the concepts and theories pertaining to strategic planning/management and marketing approaches to patients, medical staff, and other major stakeholders. A comprehensive approach to translating the strategic plan of the organization into a functional marketing plan that can assist in operational decision-making.

Prerequisite: none

Offered: spring

HCA 3400 HEALTH CARE ORGANIZATIONAL BEHAVIOR (3)

The course will serve as an introductory course in health care organizational behavior. This course examines the nature and dynamics of organizational behavior affecting the health services administrator and other individuals. The course aims to develop students' awareness of their own behavior and how it can affect their work within health services organizations. Behavioral patterns, organizational design, organizational development and assessment are studied in order to guide students in the decision-making process within health organizations and their role as health services administrators.

Prerequisite: none

Offered: spring

HCA 3500 ECONOMICS AND FINANCE OF HEALTH CARE ORGANIZATIONS (3)

An introduction to health economics and financial management applications in health-related organizations. Specific information is presented concerning reimbursement systems, insurance, accounting, Medicare/Medicaid, investment decisions, capital financing, government regulations, liability issues, accessibility, budgeting, and human resources. National health insurance and state/local initiatives will be discussed.

Prerequisites: None

Offered: fall or as needed

HCA 3600 HEALTH CARE INFORMATICS (3)

The course covers fundamental concepts of management information systems; current and developing health and business information systems of interest to managers in health services organizations; healthcare information system architecture; security and privacy issues; uses of healthcare information for clinical and strategic analysis and decision support; techniques required to develop and evaluate an information system request for proposal; and thoughts on the future of healthcare information systems including community health and Web-based access to health information. The course will also cover current information and issues regarding the latest technology applications.

Prerequisites: None

Offered: fall or as needed

HCA 4100 MANAGED CARE AND MEDICAL GROUP PRACTICE MANAGEMENT (3)

A course focusing on the managed health care arena and the relationship of medical group practice management to the constantly changing environment of managed care. Students receive a strong background in many facets of managing a medical group practice and concepts/practices of managed care in health care delivery systems. Emphasis is on integrating concepts and management theory with specific skills and competencies to improve the student's success in the ever-changing demands of medical group practice management.

Prerequisites: None

Offered: spring

HCA 4200 LONG TERM CARE ADMINISTRATION (3)

A study of the modern long-term care center as it has evolved over time. Analysis of the various settings for long-term care such as nursing homes, assisted living facilities, retirement homes, home health care, and adult day health care centers. Issues of medical organization, legal, financial, human resources, and current topics are discussed.

Prerequisite: none

Offered: as needed

HCA 4400 MEDICAL CODING (3)

A course focusing on the managed health care arena in terms of the translation of diagnoses, procedures, services, and supplies into numeric and/or alphanumeric components for statistical reporting and reimbursement purposes. Emphasis is on integrating concepts with assessment of billing options for solid claims process to ensure the appropriate compensation for ambulatory services rendered.

Prerequisite: HCA 2300 or permission of instructor

Offered: fall

HCA 4500 HEALTH CARE RESEARCH METHODS/SENIOR SEMINAR (3)

The capstone course for the health care administration major and it synthesizes material from entire curriculum. The focus is upon the health care administrator as a professional. Classroom material is integrated with experimental learning through a major research project.

Prerequisite: Must be a senior who has completed 24 credits of HCA coursework, or permission of instructor

Offered: fall

HCA 4700 FOUNDATIONS OF HEALTH CARE POLICY (3)

The student examines significant health care policy issues. Special emphasis is given to public policies with broad implications, such as Medicare, regulation, and financial assistance for the uninsured. The process of policy decision making is explored. Methods and approaches for the research of policy issues are reviewed.

Prerequisite: permission of instructor

Offered: spring

HCA 4800 HEALTH CARE ADMINISTRATION INTERNSHIP (3)

Learning operational aspects of the health care industry through a minimum of 200-hour work experience via placement within a health care facility or related organization. Supervision and evaluation are conducted by a faculty member and an on-site preceptor. Weekly classroom contact and written reports with the instructor is required. Placement involves discussions with student, faculty, and on-site preceptor. The intern develops managerial skills through varied experiences in the performance of administrative tasks and through direct participation in the problem-solving process.

Prerequisite: permission of instructor

Offered: spring

HCA 4850 SPECIAL TOPICS IN HEALTH CARE ADMINISTRATION (3)

Studies in specialized, upper-level applications of health care administration theory and practice.

Prerequisite: permission of the department chair

Offered: as needed

HCA 4990 INDEPENDENT STUDY IN HEALTH CARE ADMINISTRATION (TBD)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisite: approval by the faculty advisor, the supervising professor, the department chair, and the college dean before approval by Provost. Credits to be determined.

Offered: as needed

KINESIOLOGY (B.S.)

Mission

The mission of the Kinesiology department is to create quality educational experiences that prepare students for employment or graduate programs in health, wellness, and physical activity related fields by utilizing student-centered teaching approaches, engaging students in our perspective fields of research, while providing opportunities in and out of the classroom that develop interpersonal skills needed to effectively navigate a diverse world.

Goals

- Provide students with high-quality, standards and prerequisite based instruction.
- Create opportunities in and out of the classroom for students enhance their curiosity and set the foundation for them to become life-long learners.

Bachelor of Science in Kinesiology

Required Courses: 68-71 credit hours

KIN 2590 Prevention and Care of Athletic Injuries (3)	KIN 3100 Health Related Physical Assessment (3)
BIO 1530/1531 Fundamentals of Biology I with Lab (4)	KIN 3120 Biomechanics (3)
BIO 3060 Human Anatomy and Physiology I (4)	KIN 4100 Physical Activity Epidemiology (3)
BIO 3080 Human Anatomy and Physiology II (4)	KIN 4200 Clinical Exercise Physiology (3)
BIO 3980 Vertebrate Comparative Anatomy and Evolution (4) or BIO 4010 Embryology & Developmental Genetics (4) or BIO 4400 Cellular Physiology (4)	KIN 4900 Clinical Observation in Kinesiology (2)
CHE 1510/1511 General Chemistry I with Lab (4)	MAT 2200 Applied Statistics (3)
CHE 1520/1521 General Chemistry II with Lab (4)	PHY 1510 General Physics I (4)
ENG 3201 Business Writing (3) or ENG 3210 Technical Writing (3)	PHY 1520 General Physics II (4)
HCA 2300 Medical Terminology (3)	PSY 2040 Lifespan Development (3) or PSY 3410 Abnormal Psychology (3)
KIN 2400 Human Nutrition (3)	WEL 2180 Concepts of Fitness and Nutrition (3)
KIN 3040 Physiology of Exercise (3)	

Required Mathematics Sequence: 6-7 credit hours

Select one math sequence from the following list:

MAT 1125 Integrated Pre-Calculus I – Algebra (4) and MAT 1140 Pre-Calculus II – Trigonometry (3)	MAT 2310 Calculus I (3) and MAT 2320 Calculus II (3)
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MAT 1130 Pre-Calculus I – Algebra (3) and MAT 1140 Pre-Calculus II – Trigonometry (3)	
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Total: 74-78 credit hours

**Bachelor of Science in Exercise and Sport Science*

Required Courses: 57-59 credit hours

KIN 1200 Weight Training Techniques (2)	KIN 3050 Measurement and Evaluation (3)
KIN 2110 Professions and Development in Health Sciences (1)	KIN 3080 Sport & Exercise Psychology (3)
KIN 2150 Research Seminar (2)	KIN 3120 Biomechanics (3)
KIN 2170 First Aid/CPR/AED (2)	KIN 3600 Motor Learning (3)
KIN 2400 Human Nutrition (3)	KIN 4000 Facility Management (3)
KIN 2590 Prevention and Care of Athletic Injuries (3)	KIN 4110 Strength and Conditioning (3)
KIN 2850 Foundations of Human Anatomy (3) or BIO 3060 Human Anatomy and Physiology I (4)	KIN 4115 Personal Training (3)
KIN 2860 Foundations of Physiology (3) or BIO 3080 Human Anatomy and Physiology II (4)	KIN 4120 Clinical Exercise Testing (3)
KIN 2900 Structural Kinesiology (3)	KIN 4200 Clinical Exercise Physiology (3)
KIN 2920 Internship (2)	KIN 4300 Psychosocial Aspects of Sport & Exercise (3)
KIN 3040 Physiology of Exercise (3)	

Note: All students must earn a final grade of C or better in all courses taken in the Exercise and Sport Science major. A cumulative grade point average of 2.5 or higher is required for graduation.

Total: 57-59 credit hours

Minor in Exercise and Sport Science

KIN 1200 Weight Training Techniques (2)	KIN 2860 Foundations of Physiology (3) or BIO 3080 Human Anatomy and Physiology II (4)
KIN 2110 Professions and Development in Health Sciences (1)	KIN 2900 Structural Kinesiology (3)
KIN 2170 First Aid/CPR/AED (2)	KIN 3040 Physiology of Exercise (3)
KIN 2400 Human Nutrition (3)	KIN 4110 Strength and Conditioning (3) or KIN 4115 Personal Training (3)

Total: 20-21 credit hours

Bachelor of Science in Fitness, Wellness, and Coaching

Required Courses: credit hours

KIN 1200 Weight Training Techniques (2)	KIN 3060 Adapted Physical Education (3)
KIN 2110 Professions and Development in Health Sciences (1)	KIN 3080 Sport & Exercise Psychology (3)
KIN 2150 Research Seminar (2)	KIN 3120 Biomechanics (3)
KIN 2170 First Aid/CPR/AED (2)	KIN 3200 Motor Development (3) or PSY 2040 Lifespan Development (3)
KIN 4300 Psychosocial Aspects of Sport & Exercise (3)	KIN 3210 Sport Sociology (3)

KIN 2400 Human Nutrition (3)	KIN 3300 Behavior Management in PE and Health Education (3)
KIN 2850 Foundations of Human Anatomy (3) or BIO 3060 Human Anatomy and Physiology I (4)	KIN 3410 Sport Pedagogy III (3)
KIN 2860 Foundations of Physiology (3) or BIO 3080 Human Anatomy and Physiology II (4)	KIN 3600 Motor Learning (3)
KIN 2900 Structural Kinesiology (3)	KIN 4000 Facility Management (3)
KIN 3000 Community Health (3)	KIN 4210 Psychology of Coaching (3)
KIN 3050 Measurement and Evaluation (3)	KIN 4950 Experiential Learning (1)

Total: 59-61 credit hours

Minor in Psychosocial Aspects of Sport and Coaching

KIN 2900 Structural Kinesiology (3)	KIN 3600 Motor Learning (3)
KIN 3080 Sport & Exercise Psychology (3)	KIN 4210 Psychology of Coaching (3)
KIN 3200 Motor Development (3)	PSY 3300 Psychological Counseling (3)

Note: All students must earn a final grade of C- or better in all courses taken for the minor in Psychosocial Aspects of Sport and Coaching

Total: 18 credit hours

Certificate in Psychosocial Aspects of Sport and Coaching

KIN 3080 Sport & Exercise Psychology (3)	KIN 3600 Motor Learning (3)
KIN 3200 Motor Development (3)	KIN 4210 Psychology of Coaching (3)

Total: 12 credit hours

Minor in Community Health

KIN 1000 Introduction to Community Health (1)	KIN 3000 Community Health (3)
KIN 2400 Human Nutrition (3)	KIN 3115 Health Education (3)
KIN 2800 Exercise for Disease and Disability (3) or KIN 3060 Adapted Physical Education (3)	KIN 4115 Personal Training (3)
KIN 2860 Foundations of Physiology (3)	

Total: 19 credit hours

Certificate in Community Health Education

KIN 2400 Human Nutrition (3)	KIN 4115 Personal Training (3)
KIN 3000 Community Health (3)	One additional Community Health Education course (minimum 3 credit hours)

Total: 12 credit hours

Kinesiology Course Descriptions - KIN

KIN 1000 INTRODUCTION TO COMMUNITY HEALTH EDUCATION (1)

This course introduces students to the field of Community Health Education. Classroom and laboratory experiences will familiarize the student with the Community Health Education program and its specific academic components and career or graduate school opportunities. Advisement issues and basic computer competencies will be addressed.

Prerequisite: none

Offered: fall and spring

KIN 1200 WEIGHT TRAINING TECHNIQUES (2)

formerly PXS 1200

This course is designed to provide students with the underlying principles of basic resistance training program design. It will also address proper resistance exercise techniques utilizing free-weights, variable resistance machines, body weight, elastic bands, and other forms of exercise to increase muscular endurance, strength, hypertrophy and power. Emphasis is placed on safety and effectiveness of movements.

Prerequisite: none

Offered: fall and spring

KIN 2050 INTRODUCTION TO PHYSICAL EDUCATION AND HEALTH EDUCATION (4)

formerly PXS 2050

A basic introduction to physical education and health education including the philosophical and historical foundations of each. Emphasis is also placed on helping to familiarize the students with the major and in becoming professionals in physical education and health education.

Prerequisite: none Offered: spring

KIN 2090 SPORT PEDAGOGY I (3)

formerly PXS 2090

The first of two courses in the pedagogy sequence is designed to explore the teaching-learning process and develop teaching skills. This course focuses specifically on the planning and the implementation of developmentally appropriate physical education programs in elementary school. The course is aligned with the NC Healthful Living curriculum.

Prerequisite: none

Offered: spring

KIN 2110 PROFESSIONS AND DEVELOPMENT IN HEALTH SCIENCES (1)

formerly PXS 2110

This course is designed to expand student understanding about professional organizations, certifications, development opportunities and careers in the field of health sciences. Students will explore what is required to obtain certifications or degrees and gain insight into various regional and national organizations and conferences. This course will encourage students to create a plan for optimizing their college experience in and out of the classroom (i.e. clubs, majors, and minors) to put them in the best position for a future career.

Prerequisite: none

Offered: fall and spring

KIN 2150 RESEARCH SEMINAR (2)

formerly PXS 2150

This course aims to prepare students to read and understand research and the process required to investigate information prior to conducting their own research studies. Students practice combining information from existing research studies and properly citing those studies to effectively reveal what is known and unknown about a topic.

Prerequisite:

Offered: as needed

KIN 2170 FIRST AID/CPR/AED (2)

formerly ATP 1200/PXS 2170

Introduction and practice in immediate and temporary care of injuries and sudden illness. Emphasis is on CPR and management of common sudden illnesses such as asthma, allergic reactions, burns, joint

and skeletal injuries, and bleeding and wound management. Students seeking First Aid/CPR/AED certification will be asked to pay a small additional fee.

Prerequisite: none

Offered: fall and spring

KIN 2200 COMPUTER APPLICATIONS IN PHYSICAL EDUCATION & HEALTH EDUCATION (3)

formerly PXS 2200

Introduction to using published systematic assessment instruments and the development of new instruments as objective tools for assessment. Attention will be given to the application of Web technology, Microsoft Office, video analysis software, and social networking Websites in lesson planning, skill assessment, and advocacy for physical education and health education. Designed computer intensive course for Physical Education and Health Education majors.

Prerequisite: none

Offered: spring

KIN 2300 PSYCHOSOCIAL ASPECTS OF PHYSICAL ACTIVITY, EXERCISE AND HEALTH IN DIVERSE POPULATIONS (3) *formerly PXS 2300*

This course will address the psychological and sociocultural aspects of working with diverse populations. The content of the course will aid students in gaining a greater understanding and then application to those they will work with in the coaching, health, exercise, and physical activity settings. The foundation of the course is to understand best practices in their field.

Prerequisite: none

Offered: spring

KIN 2400 HUMAN NUTRITION (3)

formerly PXS 2400

This course introduces students to the fundamental concepts of nutrition, including, but not limited to: (a) the functions of macronutrients and micronutrients, (b) daily recommendations (c) impacts of nutrition on body composition, (d) the importance of hydration and electrolyte balance, (e) how to create and sustain healthy diets throughout a lifespan, and (f) health and performance complications associated with unhealthy eating patterns.

Prerequisite: none

Offered: fall and spring

KIN 2500 HISTORY AND PHILOSOPHY OF SPORT (3)

The goal of this course is to gain a better understanding of the history and philosophies of modern sport. Students will explore the ancient Greeks and Romans and their impact on modern sport. Additionally, students will learn about the history of the modern Olympic Games. The students will gain an understanding of the rise of modern sport, through the history of the United States. Finally, the students will learn about current issues within sport including race, sex, media, social class, and social deviance.

Prerequisite: none

Offered: fall (even years)

KIN 2590 PREVENTION AND CARE OF ATHLETIC INJURIES (3)

formerly ATP 1590

This course investigates tissue, healing, mechanisms of injury, immediate injury care, the need for referral for various orthopedic and non-orthopedic conditions, and the need for planning for emergency and non-emergency events.

Prerequisite: KIN 2170

Offered: fall and spring

KIN 2800 EXERCISE MANAGEMENT FOR PERSONS WITH CHRONIC DISEASES AND DISABILITIES (3)

Exercise is a viable component in the care and treatment of chronic diseases and disabilities. The purpose of this course is to provide guidance for appropriate exercise prescriptions that can positively affect functional capacity and slow or prevent exercise intolerance.

Prerequisite: none

Offered: spring

KIN 2850 FOUNDATIONS OF HUMAN ANATOMY (3)

formerly PXS 2850

This course is part of a two-course sequence designed to prepare students with basic knowledge of human anatomy and body systems. The emphasis of this course will be on identification and description of the body's internal and external structures and their relationships.

Prerequisite: none

Offered: fall

KIN 2860 FOUNDATIONS OF HUMAN PHYSIOLOGY (3)

formerly PXS 2860

This course is part of a two-course sequence designed to prepare students with knowledge of human physiology and body systems. The emphasis of this course will be on the interdependent nature of our anatomic structures and their various processes.

Prerequisite: This course is intended to be taken after KIN 2850

Offered: spring

KIN 2900 STRUCTURAL KINESIOLOGY (3)

formerly PXS 2900

This is a foundational course designed to teach students how anatomy affects movement of the human body. The course will emphasize surface anatomy and the musculoskeletal system including various structures, functions, and mechanics of the human body.

Prerequisite: KIN 2850

Offered: fall and spring

KIN 2920 INTERNSHIP I (2)

formerly PXS 2920

Each student, in consultation with the instructor, will arrange an internship at a departmentally approved venue. A minimum of 100 hours in the field will be required (Juniors or above).

Prerequisite: none

Offered: fall and spring, summer as needed basis

KIN 3000 COMMUNITY HEALTH (3)

formerly PXS 3000

Factors influencing health and the body systems and practices, also programs affecting the development and maintenance of physical and mental well-being. Designated writing enrichment course for Exercise Science majors.

Prerequisite: none

Offered: fall (even-year)

KIN 3040 PHYSIOLOGY OF EXERCISE (3)

formerly PXS 4040

This course will examine the effects of both acute and chronic exercise on basic physiological processes. More specifically the course covers (a) basic metabolic processes occurring at rest and during exercise; (b) dynamics of muscular contraction and circulation; (c) the relationship of nutrition to physical performance; and (d) effects of age, environment, and gender of physical activity.

Prerequisite: BIO 2110/3060 and BIO 2120/3080, or KIN 2850 and 2860, or permission of the instructor

Offered: fall and spring

KIN 3050 MEASUREMENT AND EVALUATION (3)

formerly PXS 4050

This course prepares students to effectively participate in the process of measurement and evaluation with regards to their respective fields. Students will emphasize characteristics of reliable and valid measurement and evaluations processes in the psychomotor, cognitive, and affective domains. Students will participate in learning opportunities that develop their abilities search for credible sources of assessments, administer protocols and procedures to promote quality data collection efforts, descriptively analyze quantitative data utilizing Excel, create cognitive tests, and understand how the incorporation of technology improves the measurement and evaluation process.

Prerequisite: Completion of MAT 1050 or higher or permission of the instructor

Offered: fall

KIN 3060 ADAPTED PHYSICAL EDUCATION (3)

formerly PXS 3060

The nature of physical education services, administration, and instructional processes for specific disabilities, including modification of activities, facilities, equipment, and the development of I.E.P.'s.

Prerequisite: none

Offered: fall

KIN 3080 SPORT AND EXERCISE PSYCHOLOGY (3)

formerly PXS 3080

In this course students examine how thoughts and emotions impacts performance and how performance impacts thoughts and emotions. Students will explore personality, motivation, confidence, fear of failure, burnout, injury, decision making, team cohesion, leadership and more. We will delve into theories that best explain individual choices, responses, and behaviors, as well as practical strategies for improving performance and satisfaction in sport and exercise.

Prerequisite: Recommended junior level standing

Offered: fall

KIN 3100 HEALTH-RELATED PHYSICAL FITNESS ASSESSMENT (3)

A course focusing on client-centered assessment and exercise prescription, emphasizing the components of health- related physical fitness. Includes both lecture and laboratory activities.

Prerequisite: WEL 2180 or permission of department chair

Offered: fall

KIN 3110 PHYSICAL EDUCATION AND HEALTH EDUCATION IN THE ELEMENTARY SCHOOL (3)

formerly PXS 3110

This course familiarizes the student with the major concepts of Healthful Living. Students will develop and implement a minimum of two health education lesson plans. The role of the classroom teacher in effective physical education instruction and physical activity for all students will also be addressed.

Designed for elementary education majors only.

Prerequisite: none

Offered: spring

KIN 3115 HEALTH EDUCATION (3)

formerly PXS 3100

Designed to prepare students to be competent teachers of comprehensive health education topics to school-aged children. Students will learn to plan, implement, and evaluate a comprehensive health education program for children in grades K-12. The course is aligned with the NC Healthful Living curriculum.

Prerequisite: none

Offered: spring

KIN 3120 BIOMECHANICS (3)

formerly PXS 3120

In this course students will learn the application of anatomy and mechanics in relation to the human body. They will also learn the kinematic and kinetic principles and be able to apply these to sport and exercise. Students will have the opportunity to analyze the biomechanics of movement.

Prerequisites: MAT 1050 and higher and KIN 2900 or instructor permission

Offered: fall and spring

KIN 3200 MOTOR DEVELOPMENT (3)

formerly PXS 3200

Movement changes throughout the lifespan and their implications for the curriculum in physical education.

Prerequisite: none

Offered: fall

KIN 3210 SPORT SOCIOLOGY (3)

formerly PXS 3210

With particular emphasis on the intersectionality of sport in American culture, topics will include sport as a business, ethics in sport, the study of sport from a social perspective taking into account factors of dominant ideology of race, sex, religion, nationalism, history, and philosophy as they relate to the growth and development of the sport experience.

Prerequisite: none

Offered: spring or as needed

KIN 3300 BEHAVIOR MANAGEMENT IN PHYSICAL EDUCATION AND HEALTH EDUCATION (3)

formerly PXS 3300

This course presents concepts and strategies that have been found to be effective in creating productive classroom learning environments. Assignments are designed to help develop strategies to be used in classroom settings. Topics include establishing classroom rules and expectations, classroom organization and operation, supporting appropriate student behavior, understanding of cultural and religious differences, positive behavior management, and promoting student independence and intrinsic motivation.

Prerequisite: none

Offered: fall

KIN 3400 SPORT PEDAGOGY II (3)

formerly PXS 3400

This is the second course in the pedagogy sequence and is designed to explore the teaching-learning process and develop teaching skills. This course focuses specifically on the planning and implementation

of developmentally appropriate physical education programs in secondary schools. The course is aligned with the NC Healthful Living curriculum.

Prerequisite: none

Offered: fall

KIN 3410 SPORT PEDAGOGY III (3)

formerly PXS 3410

This is the third course in the pedagogy sequence and is designed to explore the teaching-learning process and develop teaching skills. This course focuses specifically on the planning and implementation of developmentally appropriate physical education programs in secondary schools. The course is aligned with the NC Healthful Living curriculum.

Prerequisite: none

Offered: fall

KIN 3600 MOTOR LEARNING (3)

formerly PXS 3600

The purpose of this course is to gain an understanding of the fundamental processes underlying learning and performing motor skills. Students will gain an understanding of how practice and experience can have a relatively permanent improvement on skill acquisition.

Prerequisite: Recommended junior level standing

Offered: spring

KIN 3920 INTERNSHIP II (1-3)

formerly PXS 3920

Each student, in consultation with the instructor, will arrange an internship at a departmentally approved venue. A minimum of 100 hours in the field will be required (Juniors or above).

Prerequisite: KIN 2920 and/or permission of the Department Chair

Offered: fall and spring

KIN 4000 FACILITY MANAGEMENT (3)

formerly PXS 4000

Students will learn the philosophical and methodological bases for organizing and administering exercise science, recreation, athletic, and sports related programs, including introduction to the use of relevant computer applications.

Prerequisite: none

Offered: spring

KIN 4060 ADAPTED PHYSICAL EDUCATION PRACTICUM (3)

formerly PXS 4060

This course requires A minimum of forty hours in an accredited school, engaging in non-instructional activities and the effective instruction of students with disabilities in physical education. Students will be supervised by a cooperating teacher and a member of the Physical Education Department faculty.

Prerequisite: KIN 3060 or permission of the instructor

Offered: fall and spring

KIN 4100 PHYSICAL ACTIVITY EPIDEMIOLOGY (3)

Examines the etiology and risk factors of diseases and associated health problems attributable to physical inactivity.

Prerequisite: KIN 3100 or permission of department chair

Offered: fall

KIN 4110 STRENGTH AND CONDITIONING (3)

In this course students will be taught the following: (a) proper lifting techniques; (b) how to strengthen major muscle groups; (c) how to develop speed, agility, and endurance; and (d) how to obtain and maintain a high level of fitness while executing quality workouts. This course is intended to cover the essentials of strength training and conditioning to prepare a student for becoming a NSCA Certified Strength and Conditioning Specialist.

Prerequisite: KIN 3040 or permission of the instructor

Offered: fall

KIN 4115 PERSONAL TRAINING (3)

formerly PXS 4100

This course involves evaluation of health behaviors and risk factors, conducting fitness assessments, writing appropriate exercise prescriptions, and motivating individuals to modify negative habits and maintain a lifestyle that promotes personal health and fitness. This course is also intended to cover the essentials of personal training to prepare a student who is interested in becoming an ACSM Certified Personal Trainer.

Prerequisite: KIN 3040 or permission of the instructor

Offered: spring

KIN 4120 CLINICAL EXERCISE TESTING (3)

formerly PXS 4120

This course is designed to provide the student with the knowledge, skills, and ability to perform common physiological testing procedures. Emphasis is on tests normally performed in both clinical and applied fitness settings. Scientific foundations of conditioning, a life-span approach, with specific attention to exercise prescription for all populations.

Prerequisite: none

Offered: fall

KIN 4200 CLINICAL EXERCISE PHYSIOLOGY (3)

A focus of this course is on the impact certain chronic diseases have on one's ability to be physically active and how exercise can be prescribed to treat such conditions.

Prerequisites: KIN 3040 or permission of instructor

Offered: spring

KIN 4210 PSYCHOLOGY OF COACHING (3)

formerly PXS 4200

Regardless of the type of coach you want to become, the current course will prepare you with background, theory and practical approaches to helping others improve and grow in sport, life, health or wellness. We will cover intrapersonal factors (i.e. authenticity, self-awareness, bias, confidence, motivation etc...) and interpersonal skills (i.e. strength based, cognitive-behavioral skills, motivation, communication etc...) needed to ethically and effectively work with a diverse population.

Prerequisite: none

Offered: spring

KIN 4300 PSYCHOSOCIAL ASPECTS OF EXERCISE AND SPORT (3)

This course is designed to address intersectionality in exercise and sport. The content of the course will aid students in gaining a greater understanding of psychological and sociocultural constructs and their application to coaching, health, exercise, and physical activity settings.

Prerequisite: none

Offered: spring

KIN 4900 CLINICAL OBSERVATION IN KINESIOLOGY (2)

A supervised observation and learning experience in a clinical setting. A minimum of 80 hours will be required.

Prerequisites: KIN 3100 and senior standing

Offered: fall and spring

KIN 4920 INTERNSHIP III (1-3)

formerly PXS 4920

Each student, in consultation with the instructor, will arrange an internship at a departmentally approved venue. A minimum of 100 hours in the field will be required (Juniors or above).

Prerequisite: KIN 3920 and/or permission of the Department Chair

Offered: fall and spring

KIN 4950 EXPERIENTIAL LEARNING II IN PSYCHOSOCIAL ASPECTS OF SPORT AND COACHING (1)

formerly PXS 4950

Students will be responsible for teaching mental skills to teams, athletes, and their peers. This course requires 40 hours of practice, implementation of sessions, and debriefing.

Prerequisite: none

Offered: spring

KIN 4990 INDEPENDENT STUDY IN PHYSICAL EDUCATION, HEALTH EDUCATION, AND EXERCISE AND SPORT SCIENCE (1-3) (formerly PXS 4990)

An opportunity for an upper-division student to engage in special research in his/her major.

Prerequisite: approval by the faculty advisor, supervising professor, Department Chair, and the Dean of the School of Sciences and Human Development before approval by the Vice-President of Academic Affairs. Credits to be determined

Offered: as needed

Wellness Course Descriptions - WEL

WEL 1010 CPR/LIFETIME ACTIVITIES (1)

Students will receive instruction in cardiopulmonary resuscitation and first aid and may qualify for American Red Cross CPR/First Aid certification. Students will be expected to pay a small additional fee. Students will also be instructed in lifetime physical activities that can help improve their personal level of physical fitness.

Prerequisite: none

Offered: fall and spring

WEL 2010 PHYSICAL ACTIVITIES (1)

The courses in the 2010 series are oriented toward promoting the concept of lifetime physical activity as a way of life. Emphasis is placed upon the role that lifetime physical activity should play in today's society. Activities such as badminton, bowling, golf, weight-training, tennis, and yoga/pilates are offered in various combinations during the academic year. Participation in some activities may require students to pay additional fees.

Prerequisite: none

Offered: fall and spring

- WEL 2011 PHYSICAL ACTIVITY: WEIGHT TRAINING (1)
- WEL 2012 PHYSICAL ACTIVITY: TENNIS (1)

- WEL 2013 PHYSICAL ACTIVITY: YOGA (1)

WEL 2180 CONCEPTS OF FITNESS AND NUTRITION (3)

This course provides students with the knowledge, skills, and abilities to maintain and improve physical fitness levels and to develop an understanding of the lifetime benefits associated with regular physical activity and exercise. The course is a combination of lecture and laboratory activity.

Prerequisite: none

Offered: fall and spring

WEL 2350 INTERCOLLEGIATE SPORTS (1)

Intercollegiate participation in baseball, basketball, cheerleading, volleyball, lacrosse, tennis, golf, softball, soccer, track/ field, cross-country, and/or football. May be taken only one time for one credit hour. Must be taken in the semester the sport is in season. Pass/fail credits. Prerequisite: none Offered: fall and spring

NURSING (B.S.N.)

Students in the Methodist University B.S.N. Program graduate with competencies in providing patient-centered care, working within interdisciplinary teams, employing evidence-based practice, applying quality improvement, utilizing informatics, and functioning in an environment of integrated processes within a global society.

Mission

The mission of the Methodist University B.S.N. Program is to educate nursing students to be professional, competent, and caring nurses who can think critically, communicate with compassion, and contribute to positive health outcomes for the people they serve. This will be accomplished by providing a learning community of holism which promotes a partnership among administration, faculty, students, nurses, and community associates.

Vision

The MU Nursing Program will provide a learning community of holism which promotes a partnership among administration, faculty, students, nurses, and community associates.

Learning Outcomes/Goals

- To provide the necessary education for entry-level nursing students to successfully achieve a B.S. in Nursing.
- To prepare nursing students to pass the National Council Licensure Examination-Registered Nurse (NCLEX-RN) upon their first attempt.
- To prepare entry level B.S.N. graduates to contribute needed nursing talent in the face of a world-wide nursing shortage.
- To prepare entry level registered nurses who sustain a career as a nurse past the national rate of RN attrition during year one of employment.

Accreditation

The baccalaureate degree program in nursing at Methodist University is accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001, 202.887.6791.

Nursing Program Admissions Criteria:

The minimum admission requirements include:

1. Successful completion of the following Pre-nursing courses with a grade of "C" or higher

(not C-): Nursing Notes, Medical Terminology, General Psychology, Statistics, General Chemistry, 2 semesters of Anatomy & Physiology, and Microbiology. *See note below regarding pass/fail grading options during spring and summer 2020.

2. Successful completion of the science courses A&P I, A&P II, and Microbiology with a "C" or higher (not C-) within the past 5 years.
3. Students may be considered for conditional acceptance to the Nursing Program with General Education core credit hours still outstanding. No more than 3 General Education core classes outstanding is recommended. All remaining General Education core requirements must be completed by the end of the summer semester prior to entering the senior year of nursing courses unless approved by the Nursing Program Director.
4. Cumulative GPA of 2.80 (no rounding) or higher on a 4.0 scale.
5. Completion of the required nursing entrance exam.
6. Signed validation of the Nursing Program Essential Functions for Admission, Progression, and Graduation form.
7. Submission of a completed supplemental application to the Nursing Department by the advertised deadline with all required supporting documents.
8. Interview with the Nursing Program Admissions Committee.
9. Applicants to the Pre-Licensure B.S.N. Program must be current Methodist University students. Transfer students may be accepted but should read the section below titled "Transfer Students".

**The spring and summer of 2020 was an unparalleled time in American history that affected the delivery of higher education throughout the United States. If any of you had to complete your prerequisites during the challenges the nation dealt with during the Covid-19 pandemic, we realize that you may have been offered a "pass/fail" option for grading once instruction moved to a distance education format. Historically, our policy has been that we do not accept "pass/fail" grades for prerequisite coursework. We do realize that the spring and summer of 2020 was a unique time in education, therefore we are willing to have some flexibility. The Methodist University Nursing Program has agreed to allow two courses, up to 8 credit hours, to be graded as "pass/fail", and still count toward your prerequisite requirements. This policy modification applies only to courses taken during the spring 2020 or summer 2020 semester.*

Following acceptance into the Nursing Program, all students must provide documentation of (1) required immunizations, (2) a physical exam occurring within the last 3 months medically clearing the student prior to the start of fall classes, (3) a cleared background check, (4) a negative drug screen, and (5) current American Heart Association BLS CPR for healthcare professionals. In addition, Nursing students may be required to return to campus prior to the start of fall classes for orientation and certifications.

Nursing Program students are responsible for any additional expenses related to the physical exams and immunizations as well as other program related costs, including but not limited to clothing, transportation to clinical sites, or memberships.

Transfer Students: Transfer students who wish to apply to the Nursing Program are encouraged to apply to the University early so official transcripts may be evaluated for transfer credits. Acceptance or non-acceptance of transfer courses to Methodist University will be at the discretion of the Office of Transfer Student Services and/or the appropriate Department Head(s).

Bachelor of Science in Nursing

Students who successfully complete all requirements for the Bachelor of Science in Nursing are eligible to apply to take the National Council Licensure Examination (NCLEX-RN).

Required Pre-Nursing Core Courses: 31 credit hours

*BIO 2110 Survey of Human Anatomy & Physiology I (4) or BIO 3060 Human Anatomy and Physiology I (4)	HCA 2300 Medical Terminology (3)
*BIO 2120 Survey of Human Anatomy and Physiology Part II (4) or BIO 3080 Human Anatomy and Physiology II (4)	MAT 2200 Applied Statistics (3)
BIO 2970 Microbiology (4)	PNU 2030 Nursing Notes (3)
CHE 1510/1511 General Chemistry I with Lab (4)	PSY 1010 Introduction to Psychology (3)

Note: Pre-nursing core courses must be successfully completed with a final grade of C or better (no C-).

*Course must have been successfully completed in the past five (5) years.

Required Nursing Major Courses: 64 credit hours

Students must be formally admitted to the B.S.N. program before enrolling in any major course.

HCA 3500 Economics and Finance of Health Care Organizations (3)	NUR 3600 Nursing Informatics (3)
NUR 3000 Introduction to Nursing (3)	NUR 4010 Research for Professional Nursing Practice (3)
NUR 3010 Health Assessment Across the Lifespan (3)	NUR 4020 Nursing Leadership and Health Policy (3)
NUR 3110 Pharmacotherapeutics for Nurses (4)	NUR 4140 Maternal Child Nursing (4) and NUR 4141 Maternal Child Nursing (Clinical) (3)
NUR 3140 Fundamental Nursing Care (4) and NUR 3141 Fundamental Nursing Care (Clinical) (2)	NUR 4160 Adult Health Nursing II (4) and NUR 4161 Adult Health Nursing II (Clinical) (3)
NUR 3160 Adult Health Nursing I (4) and NUR 3161 Adult Health Nursing I (Clinical) (3)	NUR 4170 Psychiatric Mental Health Nursing (3) and NUR 4171 Psychiatric Mental Health Nursing (Clinical) (2)
NUR 3170 Community Health Nursing (3) and NUR 3171 Community Health Nursing (Clinical) (2)	NUR 4500 Nursing Capstone Seminar (5)
	WEL 2180 Concepts of Fitness and Nutrition (3)

Note: Students must receive a final grade of B- (80) or better in all coursework for continued progression.

Total: 64 credit hours

Nursing Elective Courses (Optional): 1-5 credit hours

NUR 4110 Nurse Extern fall (1)	NUR 4400 NCLEX Prep (2)
NUR 4120 Nurse Extern spring (1)	NUR 4850 Special Topics in Nursing (1-3)
NUR 4130 Nurse Extern summer (1)	

*RN to BSN Completion Program (offered exclusively through MU Online)

The online RN to BSN Completion Program provides the associate degree or diploma-prepared registered nurse an opportunity to earn his or her Bachelor of Science in Nursing (B.S.N) degree. Our program is designed to provide flexible pathways to degree completion for the working professional. The RN-BSN curriculum consists of nine-degree specific courses for a total of 31 credit hours.

Admissions Criteria

The minimum admission requirements include:

- Associate degree in nursing (ADN), Associate of Science in Nursing (ASN), or nurse diploma from a NLNAC, ACEN, or regionally accredited program.
- Current unencumbered RN license.
- Official high school transcript and official transcripts from each higher institution attended.
- A minimum GPA of 2.0 on a 4.0 scale.
- Completion of prerequisite courses with a C or better (Anatomy & Physiology I with lab, Anatomy and Physiology II with lab, Microbiology, Statistics, and General Psychology).

Course Requirements

Methodist University requires 124 credit hours for all Bachelor level degrees conferred. At least 31 credit hours must be taken in residency at Methodist University. RN to BSN completion program students will be granted a block of 38 credit hours toward the 124-credit hour university graduation requirement after the successful completion of RNU 3000 and providing evidence of a current and unencumbered RN license. Students must also meet all Methodist University General Education Core requirements for degree completion. General Education Core requirements may be completed concurrently with BSN courses. Credit for General Education courses may be earned through transfer credit, challenge examinations, or other non-traditional learning methods such as CLEP and DSST.

RN-BSN Prerequisite Courses: 18 credit hours

*BIO 2110 Survey of Human Anatomy & Physiology I (4) or BIO 3060 Human Anatomy and Physiology I (4)	MAT 2200 Applied Statistics (3)
*BIO 2120 Survey of Human Anatomy and Physiology Part II (4) or BIO 3080 Human Anatomy and Physiology II (4)	PSY 1010 Introduction to Psychology (3)
BIO 2970 Microbiology (4)	

Note: RN-BSN prerequisite courses must be successfully completed with a final grade of C or better.

Required RN-BSN Major Courses: 28 credit hours

*RNU 3000 Transition to Professional Practice (3)	RNU 3400 Real World Pathophysiology (3)
RNU 3100 Tomorrow's Nursing Leaders (3)	RNU 3510 Community and Public Health Nursing (3) and RNU 3511 Community and Public Health Nursing (Clinical) (2)
RNU 3200 Exploring Wicked Health Policy (3)	RNU 4000 Research & Writing (3)
RNU 3300 Evidence Based Practice Application to Beside Care (3)	RNU 4710 Professional Nursing Practice Capstone (3) and RNU 4711 PNPC (Clinical) (2)

Note: Students must receive a final grade of B- (80) or better in all coursework for continued progression.

* RN to BSN completion program students will be granted a block of 38 credit hours toward the 124-credit hour university graduation requirement after the successful completion of RNU 3000 and providing evidence of a current and unencumbered RN license.

Required RN-BSN elective: 3 credit hours

Select one course (3 credit hours) from the following list:

RNU 4100 The aging Adult (3)	RNU 4130 Critical Care Concepts (3)
RNU 4120 From Menarche to Menopause (3)	

Total: 31 credit hours

Nursing Course Descriptions – NUR/PNU/RNU

PNU 2030 NURSING NOTES (3)

This course introduces the art and science of nursing. The philosophy, mission, vision, and values of the nursing program are explicated to help students develop an understanding of issues in the nursing profession. Emphasis is on history, trends, and socio-cultural influences on the practice of nursing. The Institute of Medicine (IOM) core competencies for health professions education are examined. Students are exposed to basic elements of nursing practice with a focus on developing critical thinking skills.

Prerequisite: none

Offered: fall, spring, summer

NUR 3000 INTRODUCTION TO NURSING (3)

The course provides an overview of professional nursing with a focus on professionalism, including but not limited to communication, ethics, accountability, and social justice. A synthesis of current and projected trends in nursing is explored. This course is divided into five modules: nursing as a career, nursing as a profession, nursing as art and science, nursing as communication, and nursing as a team.

Prerequisites: NUR major only.

Co-requisites: NUR 3010, NUR 3140, NUR 3141, NUR 3110, or permission of Department of Nursing Chair

Offered: fall

NUR 3010 HEALTH ASSESSMENT ACROSS THE LIFESPAN (3)

This course introduces the knowledge and skills required to perform a systematic examination of a healthy adult and to document the findings. Focus is on conducting a comprehensive and focused physical, behavioral, psychological, spiritual, socioeconomic, and environmental assessment using developmentally and culturally appropriate approaches. Health assessment is framed through the use of the nursing process. Class (2 credits), Lab (1 credit).

Prerequisite: NUR major only

Co-requisite: NUR 3000, NUR 3140, NUR 3141, NUR 3110, or permission of Department of Nursing Chair

Offered: fall

NUR 3110 PHARMACOTHERAPEUTICS FOR NURSES (4)

This course applies the scientific underpinnings for nurses to provide safe and effective care related to pharmacotherapeutics throughout the lifespan. Drugs are studied by therapeutic or pharmacological class. Clinical assessment, analysis of clinical information, and clinical decision-making are examined in relationship to relevant pharmacodynamic and pharmacokinetic processes.

Prerequisite: NUR major only

Co-requisites: NUR 3000, NUR 3010, NUR 3140, NUR 3141, or permission of Department of Nursing Chair

Offered: fall

NUR 3140 FUNDAMENTAL NURSING CARE (4)

This course introduces students to the basic foundational principles of nursing practice while implementing the nursing process. This course provides a foundation for subsequent nursing courses.

Prerequisite: NUR major only

Co-requisites: NUR 3000, NUR 3010, NUR 3110, NUR 3141, or permission of Department of Nursing Chair

Offered: fall

NUR 3141 FUNDAMENTAL NURSING CARE CLINICAL (2)

The Fundamentals Nursing Care Clinical Course is an introductory clinical course designed to introduce the student to the fundamental skills of clinical nursing. This course allows students to use competency-based skills to enhance their didactic knowledge of fundamental nursing care. This course prepares students to provide nursing care to assist individuals in meeting basic human needs while providing a foundation for subsequent nursing courses. This course provides evidence-based nursing skills, critical thinking, and clinical judgment in the lab and clinical settings.

Prerequisite: NUR major only

Co-requisites: NUR 3000, NUR 3010, NUR 3110, NUR 3140, or permission of Department of Nursing Chair

Offered: fall

NUR 3160 ADULT HEALTH NURSING I (4)

The Adult Health I Didactic course is designed to provide opportunities for students to integrate knowledge related to various disease pathologies, conditions, and disorders that you will encounter as a future Registered Nurse caring for patients in today's complex healthcare environments. The goal of this course is for students to gain skill competency and insight into the complexity of care required to manage both chronic and acute disease processes. In addition, students will learn to synthesize information and concepts that support evidence-based practice and sound clinical judgments.

Prerequisites: NUR major only; NUR 3000, NUR 3010, NUR 3110, NUR 3140, NUR 3141

Co-requisites: NUR 3161, NUR 3170, NUR 3171, or permission of Department of Nursing Chair

Offered: spring

NUR 3161 ADULT HEALTH NURSING I CLINICAL (3)

The Adult Health I Clinical course is designed to provide opportunities for students to apply knowledge regarding the recognition and treatment of commonly encountered conditions in the didactic portion. The goal of this course is for students to gain skill competency and insight into the complexity of care required to manage both chronic and acute disease processes. In addition, students will learn to synthesize information and concepts that support evidence-based practice and sound clinical judgments.

Prerequisites: NUR major only; NUR 3000, NUR 3010, NUR 3110, NUR 3140, NUR 3141

Co-requisites: NUR 3160, NUR 3170, NUR 3171, or permission of Department of Nursing Chair

Offered: spring

NUR 3170 COMMUNITY HEALTH NURSING (3)

An overview of community and public health nursing. Explores the role of the nurse in health promotion, disease prevention, and injury prevention across the lifespan. Students examine population-focused roles in primary, secondary, and tertiary prevention, including disaster management.

Prerequisites: NUR major only, NUR 3000, NUR 3010, NUR 3110, NUR 3140, NUR 3141

Co-requisites: NUR 3160, NUR 3161, NUR 3171, or permission of Department of Nursing Chair
Offered: spring

NUR 3171 COMMUNITY HEALTH NURSING CLINICAL (2)

The Community Health Nursing Clinical course is designed to provide opportunities for students to apply theoretical learning and knowledge regarding health promotion, disease and injury prevention, and disaster management. Students will rotate through a variety of community and public health settings to appreciate the full context in which nursing care is provided to individuals/families and communities/populations.

Prerequisites: NUR major only, NUR 3000, NUR 3010, NUR 3110, NUR 3140, NUR 3141

Co-requisites: NUR 3160, NUR 3161, NUR 3170, or permission of Department of Nursing Chair

Offered: spring

NUR 3600 NURSING INFORMATICS (3)

This course introduces you to the basic concepts relevant to health care informatics and the use of computerized information systems in health care organizations. The main focus is to discover how computerized applications aid the health care team to evaluate health, wellness, and illness to provide and communicate positive patient outcomes across the lifespan.

Prerequisite: NUR major only or permission of the Department Chair of Nursing

Co-requisites: None

Offered: spring

NUR 4010 RESEARCH FOR PROFESSIONAL NURSING PRACTICE (3)

The course focuses on the translation of current evidence into nursing practice through the identification of practice issues, appraisal and application of evidence, and the evaluation of outcomes (AACN, 2008). Development of evidence is examined using the research process. Concepts explored include research ethics and legal precepts, clinical judgment in knowledge development and application, and the integration of client values and preferences. Students learn to use reliable evidence to inform practice and make clinical judgments to promote nursing best practice.

Prerequisite: NUR major only, NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171, NUR 4020, NUR 4160, NUR 4161, NUR 4170, NUR 4171

Co-requisites: NUR 4140, NUR 4141, NUR 4500, or permission of Department of Nursing Chair

Offered: spring

NUR 4020 NURSING LEADERSHIP AND HEALTH POLICY (3)

The course explores organizational and systems leadership, quality improvement, and national healthcare safety standards. Focus is placed on the importance of ethical decision-making, effective working relationships, delegation, and accountability when working in complex healthcare systems. Leadership skills to effectively negotiate change, provide safe quality care, and promote professional practice in the healthcare environment are analyzed and applied.

Prerequisites: NUR major only, NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171

Co-requisites: NUR 4160, NUR 4161, NUR 4170, NUR 4171, or permission of Department of Nursing Chair

Offered: fall

NUR 4140 MATERNAL CHILD NURSING (4)

Nursing care of women, newborns, infants, children, and families during childbearing and childrearing stages is described. Healthy transitions and physical alterations occurring from conception through

adolescence are examined. The health needs of the family are discussed in terms of major morbidity/mortality risks and contemporary issues. This experience will integrate clinical experiences in a variety of acute and community clinical settings to build on theories of growth and development, pathophysiology, and evidence-based practice.

Prerequisites: NUR major only, NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171, NUR 4020, NUR 4160, NUR 4161, NUR 4170, NUR 4171

Co-requisites: NUR 4010, NUR 4141, NUR 4500, or permission of Department of Nursing Chair

Offered: spring

NUR 4141 MATERNAL CHILD NURSING CLINICAL (3)

This clinical course is designed to provide opportunities for students to apply theoretical learning and knowledge regarding the nursing care of women, newborns, infants, children, and families during childbearing and childrearing stages. Healthy transitions and physical alterations occurring from conception through adolescence are examined. The health needs of the family are discussed in terms of major morbidity/mortality risks and contemporary issues. The goal of this course is for students to gain skill competency and insight in a variety of acute and community clinical settings to build on theories of growth and development, pathophysiology, and evidence-based practice.

Prerequisites: NUR major only, NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171, NUR 4020, NUR 4160, NUR 4161, NUR 4170, NUR 4171

Co-requisites: NUR 4010, NUR 4140, NUR 4500, or permission of Department of Nursing Chair

Offered: spring

NUR 4160 ADULT HEALTH NURSING II (4)

The Adult Health II Didactic course continues the discussion of various disease pathologies, conditions, and disorders. The goal of this course is for students to gain skill competency and insight into the complexity of care required to manage both chronic and acute disease processes. In addition, students will learn to synthesize information and concepts that support evidence-based practice and sound clinical judgments needed to navigate the complexity of today's complex healthcare environments.

Prerequisite: NUR major only, NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171

Co-requisites: NUR 4020, NUR 4161, NUR 4170, NUR 4171, or permission of Department of Nursing Chair

Offered: fall

NUR 4161 ADULT HEALTH NURSING II CLINICAL (3)

The Adult Health I Clinical course is designed to provide opportunities for students to apply knowledge regarding the recognition and treatment of commonly encountered conditions in the didactic portion. The goal of this course is for students to gain skill competency and insight into the complexity of care required to manage both chronic and acute disease processes. In addition, students will learn to synthesize information and concepts that support evidence-based practice and sound clinical judgments.

Prerequisite: NUR major only, NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171

Co-requisites: NUR 4020, NUR 4160, NUR 4170, NUR 4171, or permission of Department of Nursing Chair

Offered: fall

NUR 4170 PSYCHIATRIC MENTAL HEALTH NURSING (3)

The course is designed to provide an understanding of acute and chronic mental illness across the lifespan. Neurobiological sciences, psychosocial concepts and traditional/nontraditional therapies are explored. Emphasis is placed on evidence-based practice supported by the Scope and Standards of Psychiatric and Mental Health Nursing. Topics include psychiatric mental health clinical settings, psychosocial interventions, psychotropic medications, and crisis intervention.

Prerequisites: NUR major only; NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171

Co-requisites: NUR 4020, NUR 4160, NUR 4161, NUR 4171, or permission of Department of Nursing Chair

Offered: fall

NUR 4171 PSYCHIATRIC MENTAL HEALTH NURSING CLINICAL (2)

The Psychiatric Mental Health Clinical course is designed to provide opportunities for students to apply theoretical learning and knowledge regarding the recognition and nursing care of commonly encountered psychiatric and behavioral health conditions. Students will explore evidenced-based practice in actual patient care situations to foster competency and the development of clinical judgement required to care for individuals safely and compassionately with acute and chronic mental health conditions.

Prerequisites: NUR major only; NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171

Co-requisites: NUR 4020, NUR 4160, NUR 4161, NUR 4170, or permission of Department of Nursing Chair

Offered: fall

NUR 4110 NURSE EXTERN (1)

The Nurse Extern is an elective nursing course positioned after you have completed the NUR 3160, NUR 3161: Adult Health I course. This nursing elective course enhances your learning experience of various disease pathologies and disorders that are frequently encountered as a future Registered Nurse caring for patients in today's healthcare profession. The learning outcomes in the course are that you will provide quality, effective and efficient nursing care for patients, while working directly under the supervision of a CFV RN 413 preceptor with oversight and evaluation by course faculty. To accomplish this, it will require you: 1) to synthesize information and concepts about illness and disease, 2) provide nursing care management, and 3) to utilize critical thinking and reasoning. This course will further require that you also incorporate all prior nursing knowledge and skills acquired from previous nursing courses, classroom, and clinical settings, to be able to provide holistic care to patients with specific health deviations and needs.

Prerequisites: NUR major only and permission of the instructor

Co-requisites: None

Offered: fall

NUR 4120 NURSE EXTERN (1)

The Nurse Extern is an elective nursing course positioned after you have completed the NUR 3160, NUR 3161: Adult Health I course. This nursing elective course enhances your learning experience of various disease pathologies and disorders that are frequently encountered as a future Registered Nurse caring for patients in today's healthcare profession. The learning outcomes in the course are that you will provide quality, effective and efficient nursing care for patients, while working directly under the supervision of a CFV RN preceptor with oversight and evaluation by course faculty. To accomplish this, it will require you: 1) to synthesize information and concepts about illness and disease, 2) provide nursing

care management, and 3) to utilize critical thinking and reasoning. This course will further require that you also incorporate all prior nursing knowledge and skills acquired from previous nursing courses, classroom, and clinical settings, to be able to provide holistic care to patients with specific health deviations and needs.

Prerequisites: NUR major only and permission of the instructor

Co-requisites: None

Offered: spring

NUR 4130 NURSE EXTERN (1)

The Nurse Extern is an elective nursing course positioned after you have completed the NUR 3160, NUR 3161: Adult Health I course. This nursing elective course enhances your learning experience of various disease pathologies and disorders that are frequently encountered as a future Registered Nurse caring for patients in today's healthcare profession. The learning outcomes in the course are that you will provide quality, effective and efficient nursing care for patients, while working directly under the supervision of a CFV RN preceptor with oversight and evaluation by course faculty. To accomplish this, it will require you: 1) to synthesize information and concepts about illness and disease, 2) provide nursing care management, and 3) to utilize critical thinking and reasoning. This course will further require that you also incorporate all prior nursing knowledge and skills acquired from previous nursing courses, classroom, and clinical settings, in order to be able to provide holistic care to patients with specific health deviations and needs.

Prerequisites: NUR major only and permission of the instructor

Co-requisites: None

Offered: summer

NUR 4400 NCLEX PREP (2)

This is an elective course provided in the last semester of the nursing program in preparation for the National Council Licensure Examination for Registered Nurses (NCLEX-RN) exam. During this course, the student will be engaged in case studies and interactive learning in a relaxed, active learning environment. The course reinforces nursing knowledge and improves clinical judgment and decision-making skills using a concept-based approach.

Prerequisites: NUR major only

Co-requisites: None

Offered: spring

NUR 4500 NURSING CAPSTONE SEMINAR (5)

This nursing capstone consists of seminars to provide an opportunity for transition to the professional nursing role and a 120-hour focused client care experience. Standardized testing is incorporated to provide feedback to facilitate analysis, synthesis, refinement, and integration of nursing knowledge. The focused client care experience is provided through a cooperatively designed learning experience under the supervision of a licensed preceptor. (Class 1 credit, clinical 3 credits).

Prerequisites: NUR major only, NUR 3000, NUR 3010, NUR 3140, NUR 3141, NUR 3110, NUR 3160, NUR 3161, NUR 3170, NUR 3171, NUR 4020, NUR 4160, NUR 4161, NUR 4170, NUR 4171

Co-requisites: NUR 4010, NUR 4140, NUR 4141, or permission of Department of Nursing Chair

Offered: spring

NUR 4850 SPECIAL TOPICS IN NURSING (1-3)

The special topics course is a course designed relating to a specific nursing topic or area of specialty. The course allows professors/instructors to offer more education relating to a specific nursing topic area of interest.

Prerequisites: Permission of instructor

Co-requisites: None

Offered: as needed

RNU 3000 TRANSITION TO PROFESSIONAL PRACTICE (3)

This initial course of the RN-BSN program is designed to assist experienced nurses in the transition to a professional role. Nurses will gain a deeper perspective of theoretical and historical foundations that influence today's professional practice and healthcare environment, preparing them as a nurse leader.

RNU 3100 TOMORROW'S NURSING LEADERS (3)

The course explores leading in the complex healthcare environment as a baccalaureate prepared nurse. Leadership and management roles, various healthcare organizational structures, ethical-legal issues, decision-making, effective working relationships, delegation, and becoming a change agent will be examined.

RNU 3200 EXPLORING WICKED HEALTH POLICY (3)

Conflicting perspectives often prevent reaching a consensus, creating "wicked" health policy issues. This course explores how various governing bodies impact the organization, finance and delivery of healthcare from the bedside to the boardroom. There will be a focus on socioeconomic, political, legal, and ethical environments that shape healthcare delivery systems. The course prepares the baccalaureate nurse to be an advocate in health policy, healthcare reform, and various models of health delivery.

RNU 3300 EVIDENCE BASED PRACTICE APPLICATION TO BEDSIDE CARE (3)

This course explores the role of the baccalaureate-prepared nurse in implementing evidence-based practice (EBP) to bedside care through Quality Assurance/Quality Improvement (QA/QI) initiatives. Students will examine the QA/QI process from identification of practice issues that impact patient outcomes, to review of current practice guidelines, data collection, and collaboration with other healthcare team members to initiate evidence-based change.

RNU 3400 REAL WORLD PATHOPHYSIOLOGY (3)

This course is intended to supplement your existing knowledge and experience of anatomy and physiology by using a case study approach to pathophysiology. You will link the disease process, risk factors, manifestations to the principles of pathology underlying illness and diseases and the nursing interventions and care required.

RNU 3510 COMMUNITY AND PUBLIC HEALTH NURSING (3)

This course explores the role of the baccalaureate nurse in caring for individuals, families, and groups in diverse community settings. The course focuses on the health needs of a population, including inequities and the unique needs of sub-populations using a comprehensive, systematic approach to identify and address social determinants of health. Emphasis is placed on primary prevention, health promotion and reduction of risk at all levels.

RNU 3511 COMMUNITY AND PUBLIC HEALTH NURSING CLINICAL (2)

This course explores the role of the baccalaureate nurse in caring for individuals, families, and groups in diverse community settings. The course focuses on the health needs of a population, including inequities and the unique needs of sub-populations using a comprehensive, systematic approach to identify and address social determinants of health. Emphasis is placed on primary prevention, health promotion and reduction of risk at all levels. A clinical practicum will enhance these skills.

Pre/Co-requisite: RNU 3510

RNU 4000 RESEARCH & WRITING (3)

This course prepares the nurse to become consumers of research. During this course, students will explore the nursing research process from developing a research question to collecting and analyzing data. This course will also provide an overview of the basic concepts of scholarly writing. This course emphasizes real-world techniques used when writing for publication in peer-reviewed journals and will encourage nurses to publish their findings.

RNU 4100 THE AGING ADULT (3)

This elective course focuses on the unique needs of the aging adult based upon the Illness-Wellness Continuum. The nurse will examine their role in promoting the well-being of healthy older adults experiencing both acute and chronic conditions. Physiological function/dysfunction, emotional and mental health well-being, transitions associated with aging, and spirituality are addressed.

RNU 4120 FROM MENARCHE TO MENOPAUSE (3)

This elective course will prepare the RN-BSN student for a career in women's health or maternal-child nursing by exploring the care of women across the lifespan, from menarche to menopause. This course will explore the principles of pharmacology and physiology as they relate to women's health.

RNU 4130 CRITICAL CARE CONCEPTS (3)

Critical care nursing requires high energy, sound clinical judgement, exceptional assessment skills and a desire to work as a team. This course will help the nurse to gain a deeper understanding of the dynamic fields of emergency and critical care nursing.

RNU 4710 PROFESSIONAL NURSING PRACTICE CAPSTONE (3)

This course provides the student with the opportunity to integrate concepts learned throughout the program and apply them to various patient populations. The role of a liberal arts education in preparing the professional nurse to care for culturally diverse organizations, individuals, families and groups will also be explored.

Pre-requisites: RNU 3000; RNU 3100; RNU 3200; RNU 3300; RNU 3400; RNU 3510; RNU 3511; RNU 4000 and one elective course.

RNU 4711 PROFESSIONAL NURSING PRACTICE CAPSTONE CLINICAL (2)

This course provides the student with the opportunity to integrate concepts learned throughout the program and apply them to various patient populations. The role of a liberal arts education in preparing the professional nurse to care for culturally diverse organizations, individuals, families and groups will also be explored. Clinical opportunities are provided for the nurse to apply leadership skills and management of care for selected organizations, and/or patients in various settings.

Pre-requisites: RNU 3000; RNU 3100; RNU 3200; RNU 3300; RNU 3400; RNU 3510; RNU 3511; RNU 4000 and one elective course

Pre/Co-requisite: RNU 4710

OCCUPATIONAL THERAPY ASSISTANT (B.S.)**Mission**

The mission of the Methodist University Occupational Therapy Assistant (MU OTA) Program is to cultivate exceptional and diverse practitioners that are committed to assisting the profession of occupational therapy in advancing human health and wellness through participation in everyday life activities.

To achieve this mission, the MU OTA program acknowledges the importance of grounding our students in the MU liberal arts tradition by providing holistic growth opportunities for our students to develop their spiritual, academic, and social selves. To be able to achieve their fullest potential of becoming self-directed learners, ethical decision makers, and compassionate and authentic occupational therapy practitioners the MU OTA program upholds the intellectual values and ethical principles of truth, virtue, justice, and love. With use of evidence-based practice, clinical reasoning, and creative expression MU graduates will demonstrate the distinct value of authentic occupational therapy practices through their body of knowledge, skills, and client-centered care that is sensitive to the needs and rights of those they serve.

Vision

The MU OTA Program will be a leader in occupational therapy assistant professional education for the development of diverse and well-rounded practitioners. The program will generate compassionate and ethical practitioners who will serve their communities and the profession as a bridge between biomedical and sociocultural health through the delivery of collaborative, authentic, and evidence-based use of daily life activities and interventions to improve health. Through their practice, our graduates will engage, enrich, and empower the lives and communities they serve.

Learning Outcomes/Goals

- Demonstrate a holistic liberal arts foundation and focused knowledge and skills necessary for generalist occupational therapy assistant practice across a variety of practice areas (Occupational Performance Foundations).
- Demonstrate effective communication skills and ethical negotiation of practice settings to function effectively as a member of an inter- and intra-professional health care team (Professional Behavior and Issues).
- Engage in collaborative clinical reasoning for client-centered care that incorporates evidence-based practices in screening, intervention, and documentation of outcomes. (Collaborative and Evidence-based Reasoning).
- Practice as collaborative partners with occupational therapists by utilizing authentic and ethical occupational therapy approaches (Authentic and Ethical Occupation-based Practice).
- Adopt a servant-leadership identity to engage in lifelong learning through active participation in professional development activities including continuing education, post-graduate education, clinical specialty, and local/regional/national presentations. (Professional Advocacy and Leadership).
- Demonstrate a commitment to promoting participation, health, wellness, disease prevention, and access to care in the clinical settings and communities they serve (Community-Engaged Clinical Education).

Accreditation

The baccalaureate-degree-level occupational therapy assistant program has applied for accreditation and has been granted Candidacy Status by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. ACOTE's telephone number c/o AOTA is [301.652.2222](tel:3016522222) and its web address is acoteonline.org. The program must have a pre-accreditation review, complete an on-site evaluation, and be granted Accreditation Status before its graduates will be eligible to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). In

addition, all states require licensure to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

OTA Program Admissions

Students will be admitted to the OTA program as freshman in a direct-admit process. Students will follow the approved 4-year plan while maintaining GPA and prerequisite GPA minimums to remain in the program. Applicants to the OTA Program must be current Methodist University students. (See Transfer Students). The application period runs from August 1 until February 1 for admission into the OTA professional program to begin the following August.

Bachelor of Science in Occupational Therapy

The Occupational Therapy Assistant (OTA) bachelors degree is granted to the student upon successful completion of 65 credit hours of prerequisite coursework and 59 professional core hours. The OTA Program delivers these 59 core hours over the course of two years in a lockstep (Fall/Spring) format, graduating a class every May. Upon graduation, students are eligible to take the national credentialing examination (COTA Exam) offered by the National Board for Certification in Occupational Therapy (NBCOT). After passing this examination, the graduate will be a certified occupational therapy assistant (COTA). All states require licensure to practice occupational therapy, and proof of this certification is required in the licensure application process. Occupational therapy assistants' practice under the clinical supervision of a Licensed, Registered Occupational Therapist (OTR/L). In order to meet accreditation standards and be eligible for degree conferral, students must complete 16 weeks of Level II fieldwork as well as a baccalaureate project within 6 months following the completion of the didactic portion of the program.

Required Pre-OTA Courses: 17 credit hours

* BIO 3060 Human Anatomy and Physiology I (4)	PSY 2040 Lifespan Development (3)
* BIO 3080 Human Anatomy and Physiology II (4)	PSY 3410 Abnormal Psychology (3)
HCA 2300 Medical Terminology (3)	

* Courses must have been successfully completed in the past five (5) years with only two attempts. If the A&P courses have been attempted more than twice, only the chronological first 2 attempts will be considered in the ranking process of which the applicant must have made a C or better.

Note: All Pre-OTA courses must be successfully completed with a final grade of C or better. Students who fail to achieve a minimum grade of C in any pre-requisite OTA course may repeat that course only once. Students who subsequently receive a second grade of below C in any pre-requisite OTA course are not eligible to progress to the OTA program.

Students must maintain a cumulative GPA of 2.75 or higher on a 4.0 scale and a prerequisite GPA of 3.0 or higher on a 4.0 scale throughout their course of study to progress in the program.

OTA Major Courses: 15 credit hours (Semester 1)

OTA 1010 Human Occupations (2)	OTA 2050 Health Conditions that Impact Occupational Performance (3)
OTA 1700 Screening, Assessment, and Documentation Skills for OT Assistants (3)	OTA 2280 Therapeutic Communication and Collaborative Care (2)
OTA 2000 OTA Practice Foundations (3)	OTA 2400 Professional Skills for Occupational Therapy Assistants (2)

OTA Major Courses: 16 credit hours (Semester 2)

OTA 1100 Professional Practice and Level IA Fieldwork (2)	OTA 3000 OTA Interventions for Adults and Older Adults (3)
OTA 1500 OTA Baccalaureate Project 1 (2)	OTA 3100 OTA Interventions for Psychosocial Conditions and Behavioral Health Practice Skills (3)
OTA 2250 Applied Kinesiology with Lab (2)	OTA 3180 Leadership, Management, and Advocacy for OTAs (2)
OTA 2300 Introduction to Evidence-Based Practice (2)	

OTA Major Courses: 13 credit hours (Semester 3)

OTA 1200 Professional Practice and Level IIA Fieldwork (2)	OTA 3150 OTA Interventions for Environmental Modifications, Assistive Technologies, and Adaptive Equipment (3)
OTA 1600: OTA Baccalaureate Project 2 (2)	OTA 3920 Health, Wellness, and Community and Population Health (3)
OTA 3020 OTA Interventions for Children, Youth and Families (3)	

OTA Major Courses: 15 credit hours (Semester 4)

Students may be allowed to begin upper-level major courses in the OTA Program with General Education core credit hours still outstanding. No more than 2 General Education core classes outstanding is allowed. All remaining General Education core requirements must be completed by the end of the summer semester prior to entering the senior year (Year 4) of OTA courses.

OTA 4000 Clinical Fieldwork IIA (8 weeks; full-time clinical) (6)	OTA 4200 Professional Competency (1 credit)
OTA 4100 Clinical Fieldwork IIB (8 weeks; full-time clinical) (6)	OTA 4500 Professional Transitions (16 weeks; online) (2)

Note: Students must maintain a cumulative GPA of 2.75 or higher on a 4.0 scale and a prerequisite GPA of 3.0 or higher on a 4.0 scale throughout their course of study to progress in the program.

Total: 59 credit hours

Occupational Therapy Assistant Course Descriptions - OTA**OTA 1010 HUMAN OCCUPATIONS (2)**

This course explores the evolving theories and models of human occupation that enable occupational therapy practitioners to engage in authentic and evidence-based intervention and practice. Students will explore and engage in the principles of client-centered care and the meaning of an occupational being and how this concept evolves and changes throughout the lifespan. Students will review the history and future of the occupational therapy profession by exploring key literature and professional documents. Students will also explore various societal and disability issues related to occupational performance.

Prerequisites: HCA 2300, PSY 2040, PSY 3410, BIO 2110 or 3060, BIO 2120 or 3080

Offered: Fall

OTA 1100 PROFESSIONAL PRACTICE AND LEVEL IA FIELDWORK (2)

This course combines the first Level I fieldwork experience while integrating learned professional practice skills designed to enrich the students' understanding of the client's needs and the role and responsibilities of an occupational therapy assistant. Coursework is designed for students to connect

and implement learned didactic knowledge to hands-on learning opportunities in various practice settings across the lifespan. Students will demonstrate continued development of observation and interaction skills in an occupational therapy setting under the guidance and direction of fieldwork supervisors. They will learn to employ a variety of evaluation and treatment processes, collect, and organize data, and improve their interpersonal skills to develop professional behavior among clients and staff. The student will display professional principles, ethics, and duties after completing the Level I experience.

Prerequisites: OTA 1010, OTA 1700, OTA 2000, OTA 2050, OTA 2400, OTA 2280

Offered: Spring

OTA 1200 PROFESSIONAL PRACTICE AND LEVEL IB FIELDWORK (2)

This course combines the second Level I fieldwork experience while integrating learned professional practice skills designed to enrich the students' understanding of the client's needs and the role and responsibilities of an occupational therapy assistant. Coursework is designed for students to connect and implement learned didactic knowledge to hands-on learning opportunities in various practice settings across the lifespan. Students will demonstrate development of observation and interaction skills in an occupational therapy setting under the guidance and direction of fieldwork supervisors. They will learn to employ a variety of evaluation and treatment processes, collect, and organize data, and improve their interpersonal skills to develop professional behavior among clients and staff. The student will display professional principles, ethics, and duties after completing the Level I experience.

Prerequisites: OTA 1100, OTA 1700, OTA 2000, OTA 2050, OTA 2400, OTA 2280

Offered: Fall

OTA 1500 OTA BACCALAUREATE PROJECT 1 (2)

This is the first of a two-part series of didactic and experiential courses that provides students with the opportunity to understand and explore current, emerging, and future trends in OT practice through program development. In this initial course, the students customize the learning experience specific to the area of interest of the student to examine and explore potential developments in occupational therapy. 419 Innovative areas of practice including research, policy, clinical practice, advocacy, teaching, or leadership are analyzed. Students learn to evaluate, create, and apply roles and responsibilities during the delivery of occupational therapy services as they become familiar with the policies, procedures, and resources that support program planning.

Prerequisites: OTA 1010, OTA 1700, OTA 2000, OTA 2050, OTA 2400, OTA 2280

Offered: Spring

OTA 1600 OTA BACCALAUREATE PROJECT 2 (2)

The second of a two-part didactic and experiential series provides students with the opportunity to carry out through program implementation and evaluation of research, policy, clinical practice, advocacy, teaching, or leadership endeavors developing a culminating project that can influence occupational therapy practice. Students will learn community practice skills such as needs assessment and negotiating community partnerships while developing evidence driven and theory-based program. The final project demonstrates OTA program knowledge, situational problem solving, and expertise in an emerging area of practice.

Prerequisites: OTA 1500, OTA 1100, OTA 2180, OTA 2250, OTA 2300, OTA 3000, OTA 3100

Offered: fall

OTA 1700 SCREENING, ASSESSMENT, & DOCUMENTATION SKILLS FOR OT ASSISTANTS (3)

This course is designed for the OTA student to become proficient in the screening, assessment, and documentation process in partnership with an OT. The student will be trained to utilize screening and

assessment knowledge and techniques for clients across the lifespan. This course will also introduce the student to concepts and strategies for OT documentation including documentation requirements, common documentation methodologies, and acceptable terminology used when documenting services. Prerequisites: HCA 2300, PSY 2040, PSY 3410, BIO 2110 or 3060, BIO 2120 or 3080
Offered: Fall

OTA 2000 OTA PRACTICE FOUNDATIONS (3)

This course explores the foundational knowledge that drives occupational therapy practice and intervention for occupational therapy assistants. Students will explore the basis of activity and task analysis for occupational performance. Students will be introduced to concepts such as grading, adapting, and modifying tasks, as well as frames of reference that drive practice and interventions. Students will explore the Occupational Therapy Practice Framework and understand the role of the occupational therapy assistant within the framework and practice.

Prerequisites: HCA 2300, PSY 2040, PSY 3410, BIO 2110 or 3060, BIO 2120 or 3080
Offered: Fall

OTA 2050 Health Conditions that Impact Occupational Performance (3)

This course provides students with the understanding of the etiology of various health conditions and occupational therapy implications. This course will provide the students with the knowledge and skills needed for them to promote the client's participation in life through engagement in occupation. The etiology, pathology, clinical course, prognosis, and medical management of these conditions will be discussed. Upon completion, students should be able to recognize common symptoms while providing for patient safety within the patient's context and environment. Treatment settings across the continuum of care from acute hospital care to community programs are explored with the effect of these conditions on participation emphasized.

Prerequisites: HCA 2300, PSY 2040, PSY 3410, BIO 2110 or 3060, BIO 2120 or 3080
Offered: Fall

OTA 2250 Applied Kinesiology with Lab (2)

This course is designed to introduce the student to the basic principles of human movement—kinesiology. During this course the student will cover topics including terminology, structures of the body associated with movement, principles of movement, analysis of movement, and how to identify anatomical landmarks through palpation skills. Upon completion, students should be proficient in identifying terms associated with movement, motions, structures, normal ranges and directions of motion, and general principles of human movement.

Prerequisites: OTA 1010, OTA 1700, OTA 2000, OTA 2050, OTA 2400, OTA 2280
Offered: Spring

OTA 2280 Therapeutic Communication and Collaborative Care (2)

This course provides foundational knowledge and training in the ability to communicate and work with individuals and groups as an essential skill for the occupational therapy assistant practitioner. Students will begin to learn and understand how to employ therapeutic use of self, activity grading, behavioral management, and group leadership skills to effect change in those served. Professional capacities of professional team roles, including the relationship between the OTA and OT will be explored, along with the practitioner's role on an interdisciplinary team. Students will explore the ability to become culturally sensitive practitioners.

Prerequisites: HCA 2300, PSY 2040, PSY 3410, BIO 2110 or 3060, BIO 2120 or 3080
Offered: Fall

OTA 2300 Introduction to Evidence-Based Practice (2)

This course provides the foundational knowledge needed to apply evidence to service delivery. Students will be able to understand and apply research when selecting, implementing, and making modifications to therapeutic interventions consistent with the intervention plan and delegated responsibilities. This course provides an opportunity to grow the student's critical thinking and problem-solving skills as the student contributes to the modification of the occupational therapy intervention plan to improve client outcomes.

Prerequisites: OTA 1010, OTA 2000,

Offered: Spring

OTA 2400 Professional Skills for Occupational Therapy Assistants (2)

This course introduces the roles and responsibilities of the occupational therapy assistant (OTA) and the occupational therapist (OT) in occupational therapy practice and facilitates the development of professional behaviors, skills, and collaborative professional relationships. This course will introduce resources and essential skills required in contemporary professional practice and settings within the OT process. Students will learn and apply effective skills related to common diagnostic, procedural protocols and precautions, vital signs, transfers, mobility/assistive devices, orthotics, prosthetics, physical agent modalities, and exercise for engagement in occupation.

Prerequisites: HCA 2300, PSY 2040, PSY 3410, BIO 2110 or 3060, BIO 2120 or 3080

Offered: Fall

OTA 3000 OTA Interventions for Adults and Older Adults (3)

This course will focus on occupational therapy and physical disabilities as they pertain to the adult population; the effects of injury, insult, illness, and disease on function are explored using applicable theory and OT frames of reference to direct therapeutic approaches, planning, intervention, and discharge preparation. This course is designed to expand student understanding/application of the OT process using the OT Practice Framework to direct OT clinical practice, developing skills in evaluation, planning, implementing, and documenting client-centered, occupation and evidence-based occupational therapy assessment and intervention. Course format will include interactive lecture, discussion, case study simulation, and in-class/community lab experiences to further prepare students for Fieldwork.

Prerequisites: OTA 1010, OTA 1700, OTA 2000, OTA 2050, OTA 2400, OTA 2280

Offered: Spring

OTA 3020 OTA INTERVENTIONS FOR CHILDREN, YOUTH, AND FAMILIES (3)

This course provides students with the foundational knowledge that drives occupational therapy practice and intervention for the pediatric population and their families. Students will learn the primary intervention approaches for individuals and their families and will explore the differing conditions and diagnoses that lead to difficulties with occupational performance in this population. Students will explore specific assessments, treatment strategies, documentation skills, goal writing, and reimbursement issues for the pediatric population.

Prerequisites: OTA 1500, OTA 1100, OTA 2180, OTA 2250, OTA 2300, OTA 3000, OTA 3100

Offered: Fall

OTA 3100 OTA INTERVENTIONS FOR PSYCHOSOCIAL CONDITIONS AND BEHAVIORAL HEALTH SKILLS (3)

This course is designed to provide the OTA student with knowledge on psychosocial issues across the human lifespan and help them develop behavioral health practice skills needed for working with individuals experiencing various psychosocial conditions to help them achieve participation through engagement in occupation. Students will also gain foundational skills for selection and implementation of evidence-based interventions. This course will provide the student with the basic knowledge

regarding the role of occupational therapy in a psychosocial setting; etiology, clinical features, and prognosis of mental health diagnoses; historical and current OT theories; screening/assessment and treatment of individuals; planning and facilitating therapeutic groups; client safety; therapeutic use of self; and psychosocial aspects of practice. This course will also include related skills in documentation, goal planning, reimbursement, and ethical considerations that may emerge. Upon completion, students should be able to effectively plan and administer individual and group interventions for client conditions related to psychosocial dysfunction, as well as recognize context and environments that may affect occupational performance in all clinical settings.

Prerequisites: OTA 1010, OTA 1700, OTA 2000, OTA 2050, OTA 2400, OTA 2280

Offered: Spring

OTA 3150 OTA INTERVENTIONS FOR ENVIRONMENTAL MODIFICATIONS, ASSISTIVE TECHNOLOGIES, AND ADAPTIVE EQUIPMENT (3)

This course will focus on assistive technology (AT) and adaptive equipment as environmental interventions to maximize client's participation in daily activities. The topic of disability because of environmental barriers and the relationship between people and their environments will be examined. Students will study mobility devices and adaptive equipment parts/use/design/fit, adaptive ADL and IADL devices; activity analysis; architectural accessibility and universal design; ergonomics; and workplace design. Assessment and intervention strategies that maximize participation in daily activities and limits disabilities will be examined in various settings.

Prerequisites: OTA 1500, OTA 1100, OTA 2180, OTA 2250, OTA 2300, OTA 3000, OTA 3100

Offered: Fall

OTA 3180 LEADERSHIP, MANAGEMENT, AND ADVOCACY FOR OTAS (2)

This course examines the professional responsibilities of the occupational therapy assistant regarding their role in professional and client advocacy, leadership, and management roles. The integration of leadership knowledge and concepts relating to management and professional advocacy will be emphasized throughout the course. By the end of this course, the participants will be able to develop and nurture leadership in themselves and identify opportunities for leadership and advocacy. They will also be able to recognize the qualities of an effective leader and its relationship to the role of the OTA and manager.

Prerequisites: OTA 1010, OTA 2000, OTA 1700, OTA 2280

Offered: spring

OTA 3920 HEALTH, WELLNESS, AND COMMUNITY AND POPULATION HEALTH (3)

This course will focus on the concepts of health promotion and preventative services as it applies to occupational therapy practice for individuals and groups. Students will explore concepts of health and wellness, primary care, self-management of chronic disease, and health education. Students will learn the practice foundations of the service delivery model for groups and populations in the community and will learn to develop partnerships with community agencies to reach populations to facilitate occupational performance and wellness. Students will learn community-based practice skills including needs assessment, program planning, and program evaluation to be implemented with a community group or agency.

Prerequisites: OTA 1500, OTA 1100, OTA 2180, OTA 2250, OTA 2300, OTA 3000, OTA 3100

Offered: fall

OTA 4000 CLINICAL FIELDWORK IIA (8 WEEKS; FULL-TIME CLINICAL) (6)

This course provides clinical experience under the direct supervision of experienced occupational therapists or occupational therapy assistant practitioners working in various practice settings. The

purpose of this Level II fieldwork experience is for the OTA student to integrate learned professional practice skills and demonstrate good observation, interaction skills, and implementation of interventions in an occupational therapy setting under the guidance and direction of fieldwork supervisors. Emphasis is placed on final clinical preparation for entry-level practice in the profession. The student should be able to employ a variety of evaluation and treatment processes, collect, and organize data, and utilize interpersonal skills to demonstrate professional behavior among clients and staff. The fieldwork placement may take place at hospitals, outpatient clinics, or schools. Upon completion, students should be able to meet all critical competencies for entry-level practice established by the curriculum, AOTA guidelines, and regulatory bodies.

Prerequisites: OTA 1200, OTA 1600, OTA 3020, OTA 3150, OTA 3920, OTA 4200

Offered: as needed

OTA 4100 CLINICAL FIELDWORK IIB (8 WEEKS; FULL-TIME CLINICAL) (6)

This course provides clinical experience under the direct supervision of experienced occupational therapists or occupational therapy assistant practitioners working in various practice settings. The emphasis of this second Level II fieldwork experience is for the OTA student to integrate learned professional practice skills for final clinical preparation for entry-level practice in the profession. The student should be able to employ a variety of evaluation and treatment processes, collect, and organize data, and utilize interpersonal skills to demonstrate professional behavior among clients and staff. The fieldwork placement may take place at hospitals, outpatient clinics, or schools. Upon completion, students should be able to meet all critical competencies for entry-level practice established by the curriculum, AOTA guidelines, and regulatory bodies.

Prerequisites: OTA 1200, OTA 1600, OTA 3020, OTA 3150, OTA 3920, OTA 4200

Offered: as needed

OTA 4200 PROFESSIONAL COMPETENCY (1)

This course is designed for the review and integration of occupational therapy knowledge, concepts, and skills in preparation for fieldwork, completion of the NBCOT exam, and autonomous clinical practice. Students will be presented with comprehensive case scenarios that will serve as the foundation for review of content areas and focused discussions. This course concludes with comprehensive exam simulations to ensure student competency in OT content areas and safe/effective clinical reasoning/decision making skills for student practice-readiness.

Prerequisites: OTA 1500, OTA 1100, OTA 2180, OTA 2250, OTA 2300, OTA 3000, OTA 3100

Offered: as needed

OTA 4500 PROFESSIONAL TRANSITIONS (16 weeks; online) (2)

This online course provides closure to the educational program in conjunction with clinical experience, ensuring a successful transition of student to entry-level BS-OTA practitioner. Emphasis is placed on portfolio development, models of supervision, job search strategies, marketing skills, ethics, continuing competency, professional organizations, networking and career goal planning. The unique format and placement of this course, in conjunction with fieldwork Level II placements (2), provides opportunity to utilize reflective journaling and paired cooperative learning between student, fieldwork educator, and faculty to advance professional behavior and skill expectations to introspective professional development.

Prerequisites: OTA 1500, OTA 1100, OTA 2180, OTA 2250, OTA 2300, OTA 3000, OTA 3100

Offered: as needed

SOCIAL WORK (B.S.W.)

The Social Work Program is accredited by the Council on Social Work Education (CSWE). The Program offers quality preparation for entry-level generalist practice with individuals, families, groups, communities, and organizations. Students will master the required component behaviors and competencies and graduate with the professional knowledge, values, and skills necessary to advocate for social and economic justice. Social Workers are employed in public, non-profit, and private agencies such as nursing homes, hospice, hospitals, centers serving children and older persons, domestic violence programs, mental health centers, schools, residential treatment programs, government agencies, substance abuse, rehabilitation, and treatment agencies, courts, private industry, employee assistance programs, or enter fields such as the ministry or law. Over one-half of our graduates have gone on to obtain advanced degrees in Social Work. Our graduates are now working in many states and foreign countries. The program has graduated five winners of the prestigious Toby Brown award sponsored by the National Association of Social Workers, North Carolina Chapter. This award is presented to the top BSW student in the State of North Carolina.

Mission

The mission of the Methodist University Bachelor of Social Work Program is to pursue human well-being and the alleviation of oppression and poverty through the education of competent, entry level professional generalist Social Workers for service locally, statewide, nationally, and globally, to individuals, families, groups, organizations, and communities, that recognizes the dignity and worth of all human beings. Our mission is to prepare graduates who are committed to social and economic justice for all people, particularly those who are oppressed, through an educational process grounded in the liberal arts, that demonstrates respect for diversity, equity, and inclusion, that is guided by scientific inquiry, and a person-in-environment framework.

Goals

1. To prepare graduates for competent entry-level generalist practice grounded in the liberal arts, guided by scientific inquiry, and person-in-environment framework.
2. To prepare graduates for the mastery of measurable practice behaviors that are based upon the knowledge, values, and skills of generalist Social Work practice.
3. To prepare graduates for practice with diverse populations with an emphasis on the strengths as well as the complexities of diversity, equity, and inclusion.
4. To prepare graduates for continuing education and further personal and professional development for the betterment of the profession and the community.
5. To prepare graduates who are committed to the ethics and values of the profession, to social, economic, and environmental justice, and service to oppressed and at-risk populations.
6. To prepare graduates who understand distributive and restorative justice, human and civil rights, global interconnections of oppression and discrimination.

Requirements for Admission to the Social Work Program

Students are normally approved by the Admissions Committee based on their meeting the following criteria:

- A grade point average of 2.0 or better on all work completed for students who entered Methodist University in Spring 2013 or earlier.
(Students who entered Methodist University in Fall 2013 and after must have a GPA of 2.25 or better on all completed work.)
- A grade of C or better in ENG 1010 and ENG 1040 or by equivalent test scores.

- Completion of SWK 2310, 2400 and 3150 with a grade of C or better and a GPA of 2.5 or higher in courses with SWK prefix for students who entered Methodist University Spring 2013 or earlier.
(Students who entered Methodist University in Fall 2013 and after must have a GPA of 2.75 or better in courses with SWK prefix.)
- Completion of an online application located in the myMU portal to the Social Work Program after the above requirements have been met.

Applications are due to the department on either the first Friday in September or the first Friday in February. Application packets can be obtained from the Social Work faculty. Candidates are encouraged to apply for admission to the program in the second semester of their sophomore year. Practice courses can only be taken by students who have been formally admitted to the Program.

Requirements for Admission to Field Internship

Acceptance to Field Internship is not automatic. Formal admission to the Social Work Program is required as well as:

- Submission of completed online field application located in the myMU portal.
- Completion of all other graduation requirements or approval by the Education Department Chair.
- A grade of C or better in all required social work (SWK prefix) courses and a GPA of 2.5 or higher within the major and a GPA of 2.0 in all work completed for general education/core requirements at Methodist University for students who entered Methodist University in Spring 2013 or before. Students who entered Methodist University in Fall 2013 or after are required to have an overall GPA of 2.25 and a GPA of 2.75 or higher within the major.

***Bachelor of Social Work**

Students majoring in Social Work must earn a final grade of C or better in all courses with a SWK prefix as well as ENG 1010 (Composition) and ENG 1040 (Composition and Rhetoric).

Required Core Courses: 12 credit hours

PSC 1510 American Government (3)	PSY 3410 Abnormal Psychology (3)
PSY 1010 General Psychology (3)	SOC 1510 Principles of Sociology (3)

Required Statistics Course: 3 credit hours

Select one course (3 credit hours) from the following list:

JUS 2200 Applied Statistics (3)	PSY 2500 Statistics for Psychology (3)
MAT 2200 Applied Statistics (3)	SOC 2200 Applied Statistics (3)

Required Professional Core Course: 48 credit hours

SWK 2310 Introduction to Social Work (3)	SWK 3500 Human Diversity and Populations-At-Risk (3)
SWK 2400 Professional Writing and Critical Thinking (3)	SWK 3700 Social Welfare Policy and Services I (3)
SWK 3000 Human Behavior and the Social Environment I (3)	SWK 3720 Social Welfare Policy and Services II (3)
SWK 3020 Human Behavior and the Social Environment II (3)	SWK 4200 Practice Methods I (3)
SWK 3050 Death and Dying (3)	SWK 4240 Practice Methods II (3)

SWK 3150 Helping Processes (3)	SWK 4750 Field Education Seminar (3)
SWK 3320 Methods of Social Research (3)	SWK 4800 Social Work Capstone Seminar (3)

Note: Students must complete University requirements with a GPA of 2.25 or better and maintain a 2.75 in courses with an SWK prefix.

Total: 63 credit hours

*Minor in Social Work

Required Core Course: 3 credit hours

SWK 2310 Introduction to Social Work (3)
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Social Work electives: 15 credit hours

Select five courses (15 credit hours) from the following list:

SWK 2400 Professional Writing and Critical Thinking (3)	SWK 3320 Methods of Social Research (3)
SWK 3000 Human Behavior and the Social Environment I (3)	SWK 3500 Human Diversity and Populations-At-Risk (3)
SWK 3020 Human Behavior and the Social Environment II (3)	SWK 3700 Social Welfare Policy and Services I (3)
SWK 3050 Death and Dying (3)	SWK 3720 Social Welfare Policy and Services II (3)
SWK 3150 Helping Processes (3)	SWK 3750 Child Welfare (3)

Total: 18 credit hours

Licensure in School Social Work

Required Core Course: 9 credit hours

EDU 1420 Field Experience I (1)	EDU 4070 Professional Orientation (2)
EDU 2510 Foundations of Education (3)	SWK 3400 School Social Work (3)

Licensure in School Social Work Requirements: All other requirements for the Social Work major, admission to the Social Work Program and admission to Teacher Education. Admission to Teacher Education must be completed prior to add/drop of the semester prior to the field placement. The Field Placement must be in a school setting. Students must have a cumulative grade point average of at least 2.75 and a grade of C or better in all social work courses and the student's minor professional sequence.

Child Welfare Collaborative

Required Core Course: 3 credit hours

*SWK 3750 Child Welfare (3)

*Course must be completed with a final grade of B or better as well as:

- successful completion of an interview with the Child Welfare Collaborative Committee
- completion of all requirements for the Social Work major.
- completion of a field placement in a NC Department of Social Services Child Welfare setting.

Minor in Gerontology

Required Core Courses: 6 credit hours

GRN 3010 Introduction to Gerontology (3)	GRN 3450 Physiology of Aging (3)
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Select one course (3 credit hours) from GRN 4500 or GRN 4700

GRN 4500 Research Seminar (3)	GRN 4700 Internship (3)
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Select three courses (9 credit hours) from the following list:

GRN 3050 Death and Dying (3)	SWK 3020 Human Behavior and the Social Environment II (3)
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GRN 3800 Social Work with Older Adults (3)	SWK 3150 Helping Processes
GRN 3880 Medical Sociology (3)	

A student doing a senior level research project or internship in his or her major field may substitute that course for GRN 4500 or 4700 if it focuses on senior adults and meets the approval of the Director of the Gerontology Program

Total: 18 credit hours

Social Work Course Descriptions - SWK

SWK 2310 INTRODUCTION TO SOCIAL WORK (3)

Introduction to social problems and social service systems designed to impact upon those problems. Introduction to social work as a profession, its ethics, values, knowledge base, skills base, and fields of practice. This course requires a service-learning component and is a prerequisite to all other social work courses except SWK 2400, 3050, 3100, 3150, 3450, 3500, 3320 and 3750.

Prerequisite: none

Offered: fall and spring

SWK 2400 PROFESSIONAL WRITING AND CRITICAL THINKING (3)

This course introduces students to the American Psychological Association (APA) style of writing. The ethics of writing, indicating the acceptable forms and practices of recognizing the ideas and intellectual properties of others will be explored in this course. The course will examine the concept of plagiarism. The course will address the role of the Internet and the information it provides in writing professional papers. It will also offer suggestions for using computer technology at various stages of the research process. The course will develop strong writing skills necessary for professional papers, case documentation, report writing, and agency correspondence.

Prerequisites: ENG 1010 or permission of the Department Chair

Offered: spring

SWK 2600 INTRODUCTION TO CLANDESTINE LABS (3)

This course offers an introduction to, and examination of, illegal drug production laboratories. Clandestine drug operations generate a wide variety of law enforcement, social, societal, socioeconomic, and environmental problems. This course is designed to examine these problems. The course is comprised of three modules: Module 1 covers law enforcement issues; Module 2 covers societal issues; and Module 3 covers environmental and economic issues.

Prerequisite: none

Cross-listed: JUS 2600 and ENM 2600

Offered: as needed

SWK 3000 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I (3)

Systems theory and the ecological perspective applied to the bio-psycho-social development of the individual and the family from the pre-natal stage through early adolescence.

Prerequisites: SWK 2310, SWK 2400, SOC 1510, PSY 1010 or permission of department chair

Offered: fall

SWK 3010 INTRODUCTION TO GERONTOLOGY (3)

Aging, including historical perspectives; demographic trends; psychological and physiological processes of later life; and social role behavior in such areas as retirement, politics, religion, family life, housing, death, and dying.

Cross-listed: SOC 3010 and GRN 3010

Offered: as needed

SWK 3020 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II (3)

This course applies systems theory and the ecological perspective of development of the individual and family from middle adulthood through later years.

Prerequisite: SWK 3000

Offered: spring

SWK 3040 FAMILY SOCIAL WORK (3)

Introduction to the family as a social system, patterns of family communication and interaction, and the concept of intervention with the family.

Prerequisite: SWK 2310

Offered: as needed

SWK 3050 DEATH AND DYING (3)

Personal and societal reaction to death with emphasis on euthanasia and suicide and the experience of the dying individual in relation to self, family, and care-providing institutions.

Prerequisite: none

Cross-listed: GRN 3050 and SOC 3050

Offered: Spring

SWK 3100 SUBSTANCE ABUSE AND CHEMICAL DEPENDENCY (3)

This course will allow students to fully understand the dynamics associated with the provision of services to those who are abusing or are addicted to drugs. This course is designed to introduce students to methods of intervention for treating those who are abusing or are addicted to alcohol or other drugs. This course will provide students the knowledge to work effectively with those who abuse substances and with the issues that are associated with addiction. The course will also examine other addictions such as gambling and eating disorders.

Prerequisite: none

Offered: as needed

SWK 3150 HELPING PROCESSES (3)

An introduction to the giving and taking of help, the communication process, the helping relationship, the problem-solving model, and various intervention concepts and theories. This is a pre-practice course open to all majors.

Prerequisite: none

Offered: fall and spring

SWK 3320 METHODS OF SOCIAL RESEARCH (3)

This course covers the scientific method and research design, including an introduction to quantitative and qualitative data collection and analysis. The student will develop an original research proposal.

Prerequisites: SOC 2200, JUS 2200, MAT 2200, PSY 2500 or ECO 2160 or by permission of the department chair

Cross-listed: JUS 3320 and SOC 3320

Offered: fall and spring

SWK 3400 SCHOOL SOCIAL WORK (3)

This course focuses on major issues in education and historical, philosophical, and political influences of school social work practice. A variety of social work skills, interventions, and theories applicable to the delivery of school social work services are discussed. Students will learn about working with students

with challenges such as autism, Asperger's syndrome, and ADHD, as well as the needs of the gifted and exceptional students.

Prerequisite: SWK 2310

Offered: as needed

SWK 3450 PHYSIOLOGY OF AGING (3)

This course will examine changes with aging in various body systems, diseases found primarily among the aging, and maintenance of health in aging, especially through nutrition and exercise programs.

Prerequisite: none

Cross-listed: GRN 3450 and SOC 3450

Offered: as needed

SWK 3500 HUMAN DIVERSITY AND POPULATIONS-AT-RISK (3)

This course focuses on the dynamics and consequences of discrimination, economic deprivation, and oppression of: women, gay and lesbian persons, people with disabilities, African Americans, Latinos, Asian Americans, Native Americans, military families, rural populations, and other populations at risk. The history of diverse groups and populations will be explored and the many myths, stereotypes, and prejudices that surround these groups will be discussed.

Prerequisite: none

Offered: fall and spring

SWK 3700 SOCIAL WELFARE POLICY AND SERVICES I (3)

Key historical, political, economic, and ideological events in relation to the social welfare system in the United States with an introduction to current welfare policies and programs.

Prerequisites: SWK 2310, SWK 2400 and PSC 1510 or permission of the department chair

Offered: fall

SWK 3720 SOCIAL WELFARE POLICY AND SERVICES II (3)

Current social welfare policy of the U.S., approaches to social welfare in other Western nations, and values reflected in policy options are explored and analyzed. The impact of social welfare policy upon social work practice is studied.

Prerequisite: SWK 3700

Offered: spring

SWK 3750 CHILD WELFARE (3)

Policies, programs, and issues relating to the child welfare system are examined, including protective services, out- of-home placements, adoption, day care, and public-school programs.

Prerequisite: none

Offered: as needed

SWK 3800 SOCIAL WORK WITH OLDER ADULTS (3)

This course provides foundation knowledge and skills for working with older individuals, their families, and the community. Skills in helping such as interviewing, assessment and planning, intervention and evaluation, are presented and practiced as applicable to older adults. Systems providing services to older adults such as income maintenance, health care, nutrition, housing, mental health, social and institutional care are presented. Students learn strategies to act as advocates and change agents on behalf of older adults.

Prerequisites: SWK 2310 and GRN 3010.

Cross-listed: GRN 3800

Offered: as needed

SWK 3850-3950 SPECIAL TOPICS IN SOCIAL WORK (1-3)

A subject in social work not covered in depth in the regular curriculum. Topics vary. Can be repeated for credits with a different topic.

Prerequisite: SWK 2310

Offered: as needed

SWK 4200 PRACTICE METHODS I (3)

Introduction to social work practice methods with micro and mezzo client populations. It includes the development of skills in interviewing, assessment, planning, intervention, termination and evaluation of practice. This course requires a service learning component. Students who do not receive a grade of C or better may repeat this course one time only. Refer to the Methodist University Social Work Program Field Practicum Handbook for exceptions and requirements of students enrolled in Field Practicum. SWK 4200 and 4240 are taken during the same semester.

Prerequisites: SWK 2310, 2400, 3000, 3150, 3320, 3500, 3700, or permission of Department Chair and admission to the Social Work Program

Offered: fall and spring

SWK 4240 PRACTICE METHODS II (3)

This course provides an overview of theories, concepts, and practice skills, including evaluation, relating to work with groups, organizations, and community based program planning. Entry-level generalist social work practitioners work not only with individuals and families, but also with groups, organizations and communities. It is important to develop a wide range of skills and strategies for interventions with diverse and oppressed populations including women, minorities of color, gays, and lesbians, the poor, military and rural populations. This course has a community engagement component. Students who do not receive a grade of C or better may repeat this course one time only. Refer to the Methodist University Social Work Program Field Practicum Handbook for exceptions and requirements of students enrolled in Field Practicum. SWK 4200 and 4240 are taken during the same semester.

Prerequisites: SWK 2310, 2400, 3000, 3150, 3320, 3500, and 3700 or permission of the department chair and admission to the Social Work Program

Offered: fall and spring

SWK 4750 FIELD EDUCATION SEMINAR (9)

The student is placed in an approved social welfare agency for supervised learning experience of no less than 400 contact hours. Requires a weekly seminar.

Prerequisites: 2.0 overall GPA, 2.5 major GPA, if enrolled at MU Spring 2013 or earlier; 2.25 overall GPA, 2.75 major GPA if enrolled in MU Fall 2013 or later; senior class standing; admission to the social work program; approval of Field Coordinator; acceptance by agency; SWK 2310, SWK 2400, 3000, 3020, 3150, 3320, 3500, 3700, 3720, 4200, 4240; SOC 1510; PSY 1010; PSC 1510; PSY 3410; and a course in statistics

Offered: fall and spring

SWK 4800 SOCIAL WORK CAPSTONE SEMINAR (3)

The Social Work Capstone Seminar runs concurrently with the Field Education component of the Social Work curriculum. It meets for 2.5 hours weekly at a designated time. It is an academic course in Social Work Education which is focused on the synthesis of knowledge, values, and skills from earlier courses.

Prerequisites: 2.0 GPA overall, 2.5 GPA in the major, if enrolled at MU Spring 2013 or earlier; 2.25 overall GPA, 2.75 major GPA if enrolled in MU Fall 2013 or later; senior class standing; admission to the Social Work program; approval of Field Coordinator, acceptance by agency; SWK 2310, SWK 2400, SWK 3000,

3020, 3150, 3320, 3500, 3700, 3720, 4200, 4240, SOC 1510, PSY 1010, PSC 1510, PSY 3410 and a course in statistics

Offered: fall and spring

SWK 4990 INDEPENDENT STUDY IN SOCIAL WORK (1-3)

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Prerequisites: approval by the faculty advisor, the supervising professor, the department chair, and the college dean before approval by Provost. Credits to be determined.

Gerontology Course Descriptions - GRN

GRN 3010 INTRODUCTION TO GERONTOLOGY (3)

Aging, including historical perspectives; demographic trends; psychological and physiological processes of later life; and social role behavior in such areas as retirement, politics, religion, family life, housing, death, and dying.

Cross-listed with SOC 3010 and SWK 3010

Offered: as needed

GRN 3050 DEATH AND DYING (3)

Personal and societal reaction to death with emphasis on euthanasia and suicide and the experience of the dying individual in relation to self, family, and care-providing institutions.

Cross-listed: SOC 3050 and SWK 3050

Offered: as needed

GRN 3450 PHYSIOLOGY OF AGING (3)

This course will examine changes with aging in various body systems, diseases found primarily among the aging, and maintenance of health in aging, especially through nutrition and exercise programs.

Cross-listed: SOC 3450 and SWK 3450

Offered: as needed

GRN 3800 SOCIAL WORK WITH OLDER ADULTS (3)

This course provides foundation knowledge and skills for working with older individuals, their families, and the community. Skills in helping such as interviewing, assessment and planning, intervention and evaluation, are presented and practiced as applicable to older adults. Systems providing services to older adults such as income maintenance, health care, nutrition, housing, mental health, social and institutional care are presented. Students learn strategies to act as advocates and change agents on behalf of older adults.

Prerequisites: SWK 2310 and GRN 3010

Cross-listed with SWK 3800

Offered: as needed

GRN 3880 MEDICAL SOCIOLOGY (3)

A study of the national and global health care system and social factors in health and illness, including the social demography of health, epidemiology, health and illness behavior, health care professions, the hospital as a social system, the sick role, medical ethics, and health care policy.

Offered: as needed

GRN 4500 RESEARCH SEMINAR (3)

Students will design and conduct a research project on some aspect of aging. Prerequisites: Senior standing, completion of 12 credits within the Gerontology Program including GRN 3010, and consent of the instructor

Cross-listed with SOC 4500

Offered: as needed

GRN 4700 INTERNSHIP (3)

Student placement in an approved community setting for supervised learning experience. Minimum requirements of 1000 hours in the agency and a weekly on-campus seminar.

Prerequisites: senior standing, completion of 12 credits within the Gerontology Program including GRN 3010, and consent of the instructor

Cross-listed with SOC 4700

Offered: as needed

FINANCIAL AID

The purpose of the financial aid program is to provide a diverse program of scholarships, grants, loans, student employment, and other forms of aid for all degree-seeking students who have been officially accepted to the university and need assistance in meeting their educational needs; to enrich the college environment with academically gifted students through scholarships; to improve academic caliber of the student body by offering better packages containing more grant money to students whose background predicts a high GPA; and to provide counseling for new and continuing students in need of financial aid.

The Office of Financial Aid is in Joe Stout Hall and is open for operation Monday through Friday from 8:00 am-5:00 pm. The Family Educational Rights and Privacy Act (FERPA) is a federal law designed to protect the privacy of a student's educational record that is not considered 'directory' information. Therefore, students wanting to release any financial information to a third party, including parents and/or spouse, MUST complete FERPA, located in the student's portal.

Please realize that if you accept a scholarship from Methodist University, we may share the student's name, major, and hometown with the donor of the scholarship. We will not share financial information or other personal information with the donor. Financial aid is based on both the direct and indirect costs of attending college. Scholarships and grants are gift aid and do not need to be repaid. Any Federal Loans borrowed must be repaid to the Department of Education not Methodist University.

Methodist University bases its consideration of financial aid on two criteria:

- Qualifications of financial need (in accordance with the guidelines of the Free Application for Federal Student Aid (FAFSA) and
- Qualifications of academic ability or achievement.

Financial aid is determined by confidential information provided by the student, if married spouse and/or parents which includes family income, assets, number of dependents, and in some cases, unusual or special circumstances. To insure, maximum consideration for ALL types of financial assistance, the student must be in the process of receiving his/her first bachelor's degree, enrolled in at least 12 semester hours, charged as a full-time student attending courses on the MU campus and have completed the FAFSA.

Visiting/Special and non-degree seeking students are not eligible for any financial aid from Methodist University. Methodist University offers a variety of institutional financial aid based on academic excellence, financial need, and other considerations. All institutional money, to include Endowed Scholarships, is applied to the Direct Cost and is available to full-time undergraduate degree seeking students, who are charged as a full-time student attending courses on the MU campus ONLY.

The amount of institutional money an individual student can receive varies, however Methodist University has established an institutional cap for residential (on campus) students and an institutional cap for commuter (off campus) students and may change each academic year. Contact the Office of Financial Aid for the institutional cap amounts. Most institutional scholarships can be renewed from year to year.

Generally, students living on campus as opposed to off campus are offered more financial aid to help with the cost of room and board. Therefore, if a student moves from on campus to off campus his/her financial aid must be reevaluated, and institutional money may be reduced.

The university also participates in the following financial aid programs based upon availability of funds:

- Federal Title IV (grants, loans, and student employment)
- State (scholarships and loans)
- Board of Higher Education and Ministry of the United Methodist Church (scholarships and loans).

Federal Title IV financial aid eligibility is six years or twelve semesters. For students enrolled Online, limited Federal and state funds are available. All students MUST maintain satisfactory academic progress, listed in the next section, to be eligible for any financial aid. A student initially enrolled as full time, student attending courses on the MU campus, cannot drop below 12 credits before the end of the semester or that student may be ineligible for institutional, some state and federal financial aid and the scholarship(s)/grant(s) previously offered may be revoked.

If a student withdraws completely from all classes, either officially or unofficially, federal guidelines require that the institution calculate any Title IV money that may have to be returned to the federal government. Methodist University also has an Institutional refund policy in which institutional money may have to be returned. Methodist University's withdrawal policy, Title IV and Institutional Refund calculations and how financial aid would be affected are in the academic catalog.

FEDERAL GRANT AND LOAN PROGRAMS

Federal Pell Grant Program

The Federal Pell Grant Program provides need-based grants to low-income undergraduate and certain postbaccalaureate students to promote access to postsecondary education. Grant amounts are dependent on the student's expected family contribution (EFC); the cost of attendance (as determined by the institution); the student's enrollment status (full-time or part-time); and whether the student attends for a full academic year or less. A FAFSA is required to determine Pell Grant eligibility.

Federal Supplemental Educational Opportunity Grants (SEOG)

A limited number of Federal Supplemental Educational Opportunity Grants are available to undergraduate students attending Methodist University. Funds for the grants are provided by the federal government. Grants under this program can be awarded to students who: (1) are nationals of the United States; (2) have been accepted for enrollment as half-time or better students; (3) show evidence of making satisfactory academic progress in terms of financial aid; (4) demonstrate an exceptional financial need, with priority awards being made to Federal Pell Grant recipients. Grants under this program may depend upon the federal budget allocation received and the number of eligible recipients.

Federal Direct Student Loan Program (Subsidized and Unsubsidized)

Methodist University participates in the William D. Ford Federal Direct Student Loan Program (Federal Direct Loans) for the processing of the Federal Direct Subsidized and Unsubsidized loans. These are low-interest loans for eligible students to help cover the cost of higher education. To be eligible you must complete the Free Application for Federal Student Aid (FAFSA). The borrower must be a U.S. citizen or eligible non-citizen as defined by the FAFSA, enrolled or accepted in a degree seeking program at least half-time as an undergraduate student (6 credits) or graduate student (3 credits), have not met their aggregate loan limit, must not be in default on any federal education loans or owe an overpayment and the borrower must also maintain Methodist University's Satisfactory Academic Progress (SAP) for Financial Aid Eligibility. At Methodist University a student is required to sign for any federal loan and complete all required Federal documentation prior to the end of the student's current academic year enrollment, (per federal guideline 34 CFR 668.164(g)(2)(ii)). Any missing documents can be found on the student's myMU portal.

- Federal Direct SUBSIDIZED Loan: Direct Subsidized Loans are for undergraduate students with financial need as defined by the FAFSA. The borrower is not charged interest while enrolled in school at least half-time.
- Federal Direct UNSUBSIDIZED Loan: Undergraduates and graduate students are not required to demonstrate financial need to receive a Direct Unsubsidized Loan; however, the FAFSA must be completed. The Unsubsidized loan cannot exceed the educational cost of attendance minus other financial aid. Interest accrues (accumulates) on an unsubsidized loan from the time of the first disbursement. The borrower can pay the interest while in school and during grace periods and deferment or forbearance periods or allow it to accrue and be capitalized (that is, added to the principal amount of the loan). If the borrower chooses not to pay the interest as it accrues, this will increase the total amount repaid because of the charged interest on a higher principal amount.

Borrowing limits depend on class standing and academic level, and vary for undergraduates, graduate, and professional students.

It is our standard policy to annually report our most recent institutional Cohort Default Rate (CDR) and the national average Cohort Default Rate (CDR). This information can be found under the consumer information section of our financial aid website.

https://www.methodist.edu/wp-content/uploads/2023/03/default_rate23.pdf

Federal Direct PLUS Loan Program (Parent Loan for Undergraduate Students)

The Federal Direct Parent Loan for Undergraduate Students (PLUS) is a low-interest federally insured loan for parents (as defined by the FAFSA form) of dependent students to help pay college costs. The loan can be used to cover any educational expenses not covered by other forms of financial aid. Under the Federal Direct PLUS loan program, parents may borrow up to the full cost of their student's education minus other financial aid received. To be eligible for a Federal Direct PLUS Loan for Parents, the student and parent must be a U.S. citizen or eligible non-citizen and must not be in default on any federal education loans or owe an overpayment on a federal education grant, the student must be enrolled or accepted for enrollment in a degree program on at least a half-time basis (6 credits) as an undergraduate student and must maintain Satisfactory Academic Progress (SAP), the parent borrower must not have an adverse credit history and complete a FAFSA form.

The maximum amount a Parent may borrow per academic year for a Parent PLUS is equal to the cost of attendance minus other financial aid (including Federal Direct Subsidized, Unsubsidized or a Private loan).

Federal Direct Loan Exit Counseling

According to Federal Guidelines, students who have borrowed federal student loans while in attendance at Methodist University and are leaving Methodist University due to either graduating, not returning, or dropping below half-time status (6 semester hours-undergraduate) are required to complete a Federal Direct Loan Exit Counseling.

Students may complete the Exit Interview by accessing it online through the Federal Government at studentaid.gov. Information on all federal loans and federal grants processed for the borrower throughout their academic career can be found at studentaid.gov.

Loan Cancellation

A student or parent borrower reserves the right to cancel all or part of his/her federal loan disbursement within 30 days of crediting the disbursement to the Office of Student Accounts at Methodist University. Should a student or parent borrower wish to cancel, a written request must be submitted to the Office of Financial Aid within 30 days after the funds have been credited to the student's account. The written request to cancel a loan may be submitted by a handwritten, typed, or printed statement bearing an original signature submitted by mail, in person, or through the secure link in the students Mu Portal.

Canceling any loan disbursement could cause a balance due on the Student's University account in the Office of Student Accounts which the student will be responsible for paying, particularly if excess funds (credits balance) have already been distributed via a check and/ or direct deposits. Borrowers cannot cancel a loan disbursement if the designated time period described above has already expired. Instead, the borrowers can repay the loan disbursement directly by contacting the loan servicer.

Student or parent borrowers who have loans under a FFELP lender (Private Lender, loans disbursed prior to July 1, 2010), refer to the lender information provided by The Department of Education. For those borrowers with Federal Direct Loans from the Department of Education, payments may be made through the Department of Education's Website at studentaid.gov. The borrower will be responsible for any interest that may have accrued and/or any loan fees.

Scholarships

The Office of Financial Aid has a listing of the various scholarships. Scholarship guidelines are subject to change from one academic year to the next. Students should contact the Office of Financial Aid regarding their scholarship(s) for any changes. Methodist University reserves the right to reduce or cancel any scholarships due to not maintaining satisfactory academic progress, changes in a student's financial need, changes in enrollment status, availability of funds, or changes in housing status (on/off campus).

Financial Aid Policy of Satisfactory Academic Progress for Undergraduate Students

The Higher Education Act mandates institutions of higher education to establish minimum standards of "Satisfactory Academic Progress" (SAP). The SAP regulations, at Sec. 668.34(a)(3)(ii), require that, for programs that are longer than one academic year, the student's SAP must be evaluated "at the end of each payment period or at least annually to correspond with the end of a payment period;" Annually

means a 12-month period. An institution is expected to review a student's SAP at least once every 12 months.

Methodist University evaluates a student's SAP annually for students enrolled in at least 12 semester hours in the Day program and after each payment period for all other students and makes these standards applicable to all financial aid offered at Methodist University. Methodist University reserves the right to check a student's SAP more frequently. This includes Federal (Title IV), State (North Carolina), and Institutional (Methodist University) funding. Federal regulations require the university to establish SAP standards in the following areas: (1) Cumulative GPA; (2) Minimum Semester Hours Earned/Completion Rate; and (3) Maximum Time Frame. In addition, the school's SAP policy must include the student's total academic history. Programs administered by agencies other than Methodist University, such as private scholarships, or grants given by states other than North Carolina, may have their own academic standards for students. Students will need to contact such agencies to determine what those requirements are.

If a student fails a course, the student is allowed to repeat the same course and receive federal financial aid (assuming Satisfactory Academic Progress is met) until a "D-" grade or better is earned for the class. For any course in which a student has achieved a "D-" grade or better, a student can repeat the same course ONE time and still receive federal financial aid.

General Satisfactory Academic Progress Principles

1. Federal Regulations require the university to establish SAP standards in the following areas: (1) Cumulative GPA; (2) Minimum Semester Hours Earned/Completion Rate; and (3) Maximum Time Frame. In addition, a school's SAP policy must include the student's total academic history.
2. These general principles apply to all Methodist University's degree programs. In addition to the general principles, students must meet specific guidelines for their individual academic program(s). Program specific requirements are listed in the academic catalog.
3. SAP will be determined ***once per academic year for students enrolled in at least 12 semester hours attending courses on the MU Campus program***, specifically, at the end of the spring payment period. SAP will be determined after each payment period for all other students. SAP will be evaluated before the following Fall semester, regardless of when the student's enrollment began at Methodist University.
4. A student who fails SAP, MUST successfully appeal to continue to receive financial aid and be placed on financial aid probation (PROB). PROB cannot be given automatically. More details are provided under Financial Aid Probation (PROB).
5. A student who fails to make SAP at the end of the probation payment period, is placed on Financial Aid Suspension (FAS).
6. To earn credit hours at Methodist University, a student must receive a grade of A, B, C, or D. Any other grade does not earn hours.
7. Classes, from which a student has withdrawn will be counted as hours attempted but not hours earned, therefore, will negatively impact a student's ability to satisfy SAP.
8. Classes in which a student receives a grade of Incomplete (I) count as hours attempted but not as hours earned; therefore, will negatively impact a student's ability to satisfy SAP. If the Incomplete later changes, after SAP has been evaluated, SAP will not be reevaluated.
9. When a student repeats a course, the total attempted hours will increase with each repeat, but the student will only earn hours for a completed course once. Therefore, repeating classes will negatively impact a student's ability to satisfy the 67% passage rate but may significantly increase a student's cumulative GPA.

10. Included in attempted hours are all coursework attempted, including transfer credits, passed, repeated, incomplete, failed, and withdrawn courses. Attempted hours do not include credits earned through Advanced Placement (AP), College Level Examination Program (CLEP), or other similar testing programs.
11. Cumulative GPA: The cumulative number of credits attempted in the undergraduate schools of the university includes those credits attempted at the end of the schedule adjustment (add/drop). Multiple attempts of the same course will be counted for each attempt for financial aid purposes.

Credits Attempted	Minimum Cumulative GPA
1 - 48	1.4
49 - 77	1.6
78 - 109	1.8
110 - 129	1.9
130 – maximum time frame	2.0

Minimum Semester Hours Earned/Completion Rate

Each semester (fall, spring, and summer) an undergraduate student must earn a minimum of 67% of the hours registered for at the end of schedule adjustment. Schedule adjustment is also known as add/drop. Schedule adjustment typically ends on the Friday of the first week of classes at 11:59 p.m (usually 5 days into the semester). Please check the University's Academic Calendar for specific dates.

- To find the minimum hours required, take the number of credit hours at the end of schedule adjustment, and multiply it by .67. For example: if a student had 12 hours at the end of schedule adjustment, then the student would have to earn at least 8 hours to remain eligible for further financial aid ($12 \times .67 = 8.04$). The credit hours will always be rounded down.

Any student with a quality point deficit of 40 or more as calculated by the Registrar, will be deemed academically ineligible, and therefore, will be placed directly on Financial Aid Cancellation without a probation period. The calculation in determining the quality point deficit is the total credit hours attempted, as established by the Registrar, times 2 minus the total quality point.

Maximum Time Frame

Undergraduate students must complete their degree requirements within 150% of the published length of their academic program to remain eligible for financial aid. At Methodist University, students must complete the requirements for a bachelor's degree within a maximum number of credits attempted (including transfer credits). This is the maximum allowable time for receipt of federal and state financial aid regardless of whether the student did or did not receive financial aid during any period of the student's enrollment. A student cannot have more than 150 % of the published length of the education program to graduate. For most students, 12 semesters are the maximum time frame allowable for degree completion (standard 8 semesters or 100 % plus an additional 4 semesters or 50 %). A student can appeal the 150% maximum time frame (see Appeals).

Failure to Meet SAP/Notification of Denial

Students, who are currently enrolled, will be notified of their denial with the SAP Guidelines Enclosed/attached outlining why they were denied and the appeal process. Students who withdraw, are suspended, and/or expelled from the university, will be notified by email with the SAP Guidelines attached.

Financial Aid Probation (PROB)

A student who fails SAP must successfully appeal (see Appeals) to be placed on PROB. PROB CANNOT be given automatically. Methodist University must review the student's progress at the end of that one payment period, as probation status is for one payment period only. At the end of one payment period on PROB, the student must make SAP or must be meeting the requirements of the academic plan. A student may be placed on PROB for one payment period per appeal. It is possible that a student could be placed on probation more than once in his or her academic career.

- If Methodist University determines, based on the appeal, that the student should be able to meet the SAP standards by the end of the subsequent payment period, the student is placed on PROB without an academic plan. MU must review the student's progress at the end of that one payment period, as PROB status is for one payment period only. At the end of one payment period on PROB, the student must make SAP or will be ineligible to receive financial aid.
- If Methodist University determines, based on the appeal, that the student will require more than one payment period to meet SAP, the student will be placed on PROB and an academic plan, to include the student's class, must be developed for the student. The student's academic and career advisor and the student should develop a plan (class schedule) that ensures that the student is able to meet Methodist's SAP standards by a specific point in time. The student will need to contact his/her academic and career advisor. The plan could specify that the review takes place at the next point when the rest of Methodist University's population is reviewed, which could mean every payment period or annually. The plan could also specify that the student is reviewed more frequently than the rest of the institution's population; however, a student on an academic plan would not be reviewed less frequently than the rest of the institution's population. An academic plan could take the student to program completion, rather than meeting the institution's SAP standards at a specific point in time.
 - a. ***If the academic plan shows that the student can make SAP***, the student will be placed on PROB and Methodist University MUST review the student's progress at the end of one payment period as is required of a student on PROB status, to determine if the student is meeting the requirements of the academic plan. If the student is meeting the requirements of the academic plan, the student is eligible to receive financial aid as long as the student continues to meet those requirements and is reviewed according to the requirements specified in the plan.
 - b. ***If the academic plan does NOT show that the student can make SAP***, then the student will NOT be eligible for financial aid and will be immediately placed on Financial Aid Suspension (FAS). Students who are placed on FAS will be ineligible for all federal, state, and institutional financial aid. This includes any alternative loans that require certification by Methodist University.

At the end of the PROB period, the student's SAP is evaluated. If the student is making SAP, then the student is no longer on PROB. Students on PROB who still do not meet the SAP standards will be placed on Financial Aid Suspension (FAS). Students who are placed on FAS will be ineligible for all federal, state, and institutional financial aid. This includes any alternative loans that have an SAP requirement.

Transfer students will be evaluated at the time of enrollment using the same SAP standards.

Students returning to Methodist University while they are on PROB or FAS must meet Methodist's SAP policy to regain eligibility for financial aid.

Financial aid may be reinstated by the Director upon demonstration of mitigating circumstances which must be documented to the satisfaction of the director along with a typed letter of appeal from the student.

Appeals (Probation, Financial Aid Suspension, and 150%-time frame)

The appeal for a student to be put on PROB must include a typed letter of appeal from the student and appropriate documentation as to why the student failed to make SAP and what has changed that will allow the student to make SAP at the next payment period. If the Director determines, based upon the appeal that the student will require more than one payment period to meet SAP, the appeal must also include an academic plan, to include a class schedule, from the student's academic and career advisor designed to ensure the student will be able to meet SAP by a specific point in time. The specific point in time is at the discretion of the Director of Financial Aid. ***If the plan does NOT show that the student can make SAP, then the student will NOT be eligible for an appeal.***

The appeal for a student who is on Financial Aid Suspension (FAS), for failure to make SAP at the end of the probation payment period, must include a typed letter of appeal from the student and appropriate documentation as to what had changed that caused the student to not make SAP during the probationary payment period and why the student should be able to meet SAP on the terms of the academic plan, if applicable. **Please note that an appeal based on your need for assistance or your lack of knowledge of the academic progress requirements to remain in good standing is NOT a valid justification for an appeal and will NOT be approved.**

The appeal for the 150% Time Frame must include a typed letter of appeal from the student and appropriate documentation as to why the student has exceeded the 150% Time Frame and the time frame in which the student will complete the requirements for a bachelor's degree.

Examples of mitigating circumstances and appropriate documentation for appeals, include, but are not necessarily limited to:

1. Serious illness or injury of student—notarized statement from physician that illness interfered with student's ability to meet SAP along with typed letter of appeal from student.
2. Serious illness or injury of immediate family member—notarized statement from a physician along with typed letter of appeal from student.
3. Death of an immediate/close family member—death certificate and/or notarized statement from a minister, nearest relative, or an unbiased concerned adult along with typed letter of appeal from student.
4. Disruptive internal family problems—legal/court documentation from lawyer, statement from parents, minister, or an unbiased concerned adult along with typed letter of appeal from student.

However, the Financial Aid Director may choose to request additional documentation when a particular student circumstance warrants it and may decide to require more extensive documentation on an initial appeal and an update statement on a subsequent appeal. The Director also has the discretion to deny the appeal if the documentation received is not sufficient.

STUDENT FINANCIAL SERVICES

Tuition and fees are established annually by the Methodist University Board of Trustees. Students can view both the on-campus and MU Online tuition and fee schedule published on the Methodist University website <http://www.methodist.edu/tuition-fees>

Students must receive financial clearance from the Office of Student Financial Services before attending class or moving into campus housing. Each semester, students are required to complete the Bill Clearance Form, located on the Student Accounts tab of the myMU Portal. This informs the Office of Student Financial Services how a student is planning to pay for their tuition and fees for the upcoming semester. One or more of the following conditions must be met for the student to have financially settled their account with the Office of Student Financial Services each semester:

- Have sufficient Financial Aid to cover tuition and fees.
- Paid their account in full.
- Established a payment arrangement online through Nelnet.
- Provided documentation of a 3rd party responsible for payment (e.g. VA Benefits)
- Submitted the signed Methodist University Personnel (MUP) form.

Payment Plans

The University offers several payment options and convenient payment plans to assist with financial needs. For additional information regarding payment plans, the student can log into the student accounts tab in their myMU Portal.

Past Due Balances

Official transcripts or other statements of work completed will not be released if money is owed to the University. It is the policy of Methodist University that all previous semester charges must be paid before new semester charges can be processed. Deadlines for paying new semester charges are as published by the University.

Student Billing

Monthly billing statements will be sent via email to the student's Methodist email address. Methodist University uses e-mail as an official method of communication with students and they are responsible for reading their emails on a timely basis.

Processing of Charges

Tuition – Charges for classes are assessed after all drop/adds are processed. This occurs approximately one week after the drop/add period is over.

Room and Meals – Charges for housing and meals are assessed after all drop/adds are processed. This occurs approximately one week after the drop/add period is over.

Books and Supplies Charged on a Bookslip – Actual book charges are assessed against the student accounts weekly. Students have approximately nine (9) weeks to purchase all books and supplies. Bookslips cannot exceed the authorized amount set by the Office of Student Financial Services, and any amount over the allotted bookslip amount is the responsibility of the student to pay at time of purchase.

Other Charges – Charges for dorm dues, damage deposits, golf and tennis lab fees, entertainment fees, applied music lessons, late registration fees, and other fees are charged within one week of the start of classes.

Deduction of Financial Assistance

Students applying for financial aid are encouraged to apply early to maximize their opportunities for receiving financial assistance and to ensure their financial aid file is processed in a timely manner and approved prior to the established deadlines for bill clearance.

Scholarships, grants, and institutional aid awarded to the student are applied to the student's account after the Office of Financial Aid has received the signed Financial Aid Confirmation Notice. Loan disbursements (to include Federal and Alternative loans) are posted to student's accounts after receipt from the Department of Education and/or from the Lending Institutions. Third party payments, such as Veterans' Benefits and Military Tuition Assistance (MTA) are not credited to the student's account until the funds are received by the Office of Student Financial Services.

Students who add or drop credit hours must inform the Office of Financial Aid and Office of Student Financial Services. The students' charges and financial aid can be affected by a change of status. Students will be charged for all classes not dropped by the end of the drop/add period.

Refund Processing

The Office of Student Financial Services processes refunds on a first-come, first-serve basis. No refunds can be issued until all charges are considered final by the University.

Refunds – Refunds are processed no earlier than three weeks after the start of classes and continue throughout the semester. Students must log into their myMU Student Portal and submit their Refund Request, which is located on the Student Accounts tab. If eligible for a refund, students will be given a date when their refund will be available.

Direct Deposit – Methodist University encourages students with a credit balance to enroll in the Student Refund program. Students can enroll in the program through Nelnet via their myMU Portal. Any student who does not elect to enroll in the program (or there is a problem with the information provided) will have their refund mailed to the address on record. Enrolling in the Student Refund program does not automatically process a refund.

Refunds will be disbursed for scheduled students on Thursdays. Students that drop classes and fall below twelve semester hours will be subject to partial or full loss of their financial aid.

Return of Federal Title IV Funds

The Higher Education Amendments of 1998 established a formula for calculating the return of unearned Title IV funds. If a student withdraws from the University and is receiving federal Title IV funds, Methodist University administers this process in calculating refunds when students withdraw from the University. Title IV funds include Federal Direct Loans, Federal Supplemental Educational Opportunity Grants, Federal Pell Grants, and other federal programs. If no Title IV funds are involved, then only an Institutional calculation is performed. The date of withdrawal is considered as the formal date on the Withdrawal Form. Students may obtain the official form through the student's portal via the Registration tab. If the student fails to withdraw formally from the University, then the date of withdrawal is the last documented date of attendance. Worksheets are used to calculate each student's refund.

Federal Refund Calculation

If a recipient of Title IV aid withdraws before completing 60 percent of the period of enrollment, the institution must calculate the amount of Title IV aid the student did not earn and return these funds to the appropriate sources. The amount of unearned aid equals the difference between Title IV aid that

was dispersed or could have been dispersed and the amount of Title IV aid that was earned. This earned aid calculation is based on a percentage of the calendar days completed divided by the total calendar days in the enrollment period. Students withdrawing after 60 percent of the semester is completed are not eligible for a refund.

Institutional Calculation Unearned Tuition Assistance

If an active-duty service member using Military Tuition Assistance (MTA) withdraws from a course before completing 60 percent of the period of enrollment (8- or 16-week course), Methodist University will calculate the amount of MTA the service member did not earn and return unearned funds to the Military Service Branch.

The amount of earned MTA equals the difference between MTA dispersed and the amount of MTA that was unearned. This earned TA calculation is based on a percentage of the calendar days completed divided by the total calendar days in the enrollment period. Unearned TA will not be returned when a student withdraws from a class after 60 percent of the course is completed.

Official University Withdrawal/Refund Policy

Students withdrawing from the University during the first week of classes (during the drop/add period) will receive a refund of the refundable amount paid. Students withdrawing from the University will be refunded the following percentages of tuition and room expenses:

Week 1	100%
Week 2	80%
Week 3	60%
Week 4	40%
Week 5	20%
After Week 6	No Refund

Meal (cafeteria) charges will be prorated on a weekly basis from the first day of classes through the withdrawal date. Any student failing to officially withdraw from a course will be charged for the course irrespective of attendance.

Students withdrawing from the University or those reducing their course load below a certain level will be subject to a reduction or cancellation of their financial aid. Withdrawing students are subject to refunding of financial aid moneys to the following sources, in order of priority: Unsubsidized Federal Stafford, Subsidized Federal Stafford, Perkins Loan, Federal Plus Loan, Pell Grant, FSEOG, Other Title IV Aid Programs. Students will be mailed communication once all calculations are complete.

Graduation

The graduation fee must be paid no later than one month prior to the date of graduation. All financial obligations must be paid in full before a student can receive any official documents from the University, inclusive of their diploma.

Moving Off-Campus during a Semester

Students who have earned fewer than 93 credit hours, and whose permanent address is further than 60 miles away from campus, must reside in Methodist University Housing. If a student elects to move offcampus during the first week of classes, the student will not be assessed any charges for room. After this period, the student will be assessed 25% of the total room charges during the second week of classes, 50% during the third week, and 75% during the fourth week of classes. No reduction in cost is available after the fourth week of classes. Meals (cafeteria) charges will be prorated on a weekly basis

from the first day of classes through the last date of occupancy. Residence hall dues will not be prorated.

Moving On-Campus during a Semester

Students who elect to move on-campus after the first two weeks of classes of the fall and spring semesters will be charged room and meals on a prorated weekly basis. Residential hall dues are not prorated. Summer terms are not prorated.

MILITARY TUITION ASSISTANCE (Active-Duty Service Members)

Methodist University is a signatory of the Department of Defense (DOD) Voluntary Education Partnership Memorandum of Understanding (MOU) and participant in the DoD Tuition Assistance (TA) program.

Tuition Assistance

Eligible Active-Duty Army, Reserve, and National Guard using military TA must register for classes through both the MyMU Portal and ArmyIgnitED or appropriate Service platforms. All military TA must be requested and approved not later than seven (7) days prior to the start date of the course(s). Contact the Fort Liberty office for assistance regarding TA.

How to Request Tuition Assistance

All active-duty service members (including Guard and Reserve) must contact their Education Service Officer (ESO) or Education Counselor within their branch of service prior to enrolling in any courses at Methodist University.

The general process for requesting Tuition Assistance is the same for all branches of the military.

1. Speak with your local Education Office to ensure your eligibility for Tuition Assistance.
2. Follow their instructions for how to request Tuition Assistance for your course(s).
3. The military approves your Tuition Assistance Request (TAR).
4. The Fort Liberty Office / Office of Students Accounts will review approved TARs in the Academic Institution Portal daily. If you submitted your TAR but it is not visible to the Fort Liberty Office, you must submit the approved TAR (pdf) to the Fort Liberty Office for processing.
5. The Office of Student Accounts posts the TAR credit to your account within 3-5 business days of receiving your Bill Clearance Form through the MU Portal. You must complete a Bill Clearance Form each semester after registration. The Bill Clearance Form is in the MU Portal under the Student Accounts Tab.

Each branch of the military handles Tuition Assistance a little differently:

- If you are in the Army, you will use ArmyIgnitED to request Tuition Assistance.
- If you are in the Air Force or Space Force, you will apply for Tuition Assistance through the Air Force Virtual Education Center.
- If you are in the Coast Guard, Navy, or Marine Corps, you must contact your Education Center to request a Tuition Assistance form; once you have the tuition assistance form signed by your education coordinator, submit it at the time of registration to the Fort Liberty Office.
- Tuition Assistance forms not received within the allotted semester (fall, spring, or summer) will not be posted to student accounts.
- If you are using Tuition Assistance and withdraw from a course prior to completing 60 percent of the course, you must pay a portion of the tuition, in accordance with Department of Defense regulations.

Eligible Active-Duty Air Force, Navy, and Marine Corps service members should follow their respective Service-specific Tuition Assistance program regulations and instructions.

Military Tuition Assistance must be requested and approved through ArmyIgnitED, Academic Institution Portal, or Navy College Management Information System before the student can enter class.

The institutional policy and calculation for returning unearned Military Tuition Assistance can be found in the Student Financial Services section of the catalog.

Registration for Active-Duty Service Member Students

Active-Duty service member students can register for and/or add or drop classes once approved by their advisor. However, if dropping a class, students should notify the Fort Liberty office to ensure appropriate Tuition Assistance procedures are completed correctly and in a timely manner.

Financial Aid

Active-Duty service members are entitled to consideration for all forms of financial aid that Methodist University makes available to students.

“Top Up” eligible Active-Duty DoD personnel may use the Montgomery or Post-9/11 G.I. Bill benefit in conjunction with TA funds from their Service to cover those course costs to the service member that exceed the amount of TA paid by his or her service.

Readmission

Military service members and reservists who are temporarily unable to attend class or have suspended their studies due to service requirements must contact the Office of Admissions to expedite their readmission to the University if they have not attended classes for more than one calendar year. Military service members and reservists who have been away for only one semester should contact the Assistant Provost for Student Retention and Persistence Initiatives to continue their academic program.

Communication between the military service member, Instructor, Registrar and Office of Veteran Services and/or MU’s Fort Liberty office is important and necessary to ensure punitive actions are not taken.

Contact Methodist University office at Fort Liberty for more details at 910.482.5425 or email at Liberty@methodist.edu

VETERAN EDUCATION BENEFITS

Methodist University is proud to assist our veteran students in achieving their academic and career goals. This institution is approved by the North Carolina State Approving Agency for the enrollment of persons eligible for education assistance benefits from the U. S. Department of Veterans Affairs (DVA).

Entitled veterans, active-duty military, drilling National Guard, drilling Reservists, and eligible family members; who have applied, met all admissions criteria, been fully accepted, and actively matriculated; may be certified to the DVA Regional Office as enrolled and in pursuit of an approved program of Education.

Methodist University complies with all Federal, State and DVA requirements in the administration and execution of the Service-members’ Readjustment Act. Students utilizing DVA education benefits must have their course schedules approved for certification by the Office of Veteran Services in Stout Hall.

Courses cannot be certified unless they are a part of the student's declared major. Courses cannot be certified that are taken on a pass-fail basis or for audit. Students who fail to maintain the Standards of Academic Progress as listed in the financial aid section of this catalog or who's cumulative GPA is below 2.0 for two consecutive terms will not be able to receive VA Education Benefits through MU unless a one-time probationary term has been applied for and approved.

Military service members and reservists who are temporarily unable to attend class or have suspended their studies due to service requirements must contact the Office of Admissions to expedite their readmission to the University if they have not attended classes for more than one calendar year. Military service members and reservists who have been away for only one semester should contact the Assistant Provost for Student Retention and Persistence Initiatives to continue their academic program.

Yellow Ribbon Program

The Yellow Ribbon G.I. Education Enhancement Program (Yellow Ribbon Program) is a provision of the Post9/11 G.I. Bill®. Eligibility for the Yellow Ribbon Program must be determined by the Department of Veteran Affairs, Education Division. This program allows institutions of higher learning (degree granting institutions) in the United States to voluntarily enter into an agreement with VA to fund tuition expenses that exceed the highest public in-state undergraduate tuition rate. Under this agreement MU will provide tuition assistance to veterans beyond what they are provided from their base GI Bill® rate of compensation. The Department of Veterans Affairs (VA) will match MU's contribution dollar-for-dollar up to MU's annual Yellow Ribbon cap or 50 percent of the difference between VA's annual tuition cap for chapter 33 and the net cost of tuition and fees after the application of all scholarships, aid and assistance (other than that provided under section 401(b) of the Higher Education Act of 1965).

For information concerning monetary benefits, contact the U.S. Department of Veterans Affairs Regional Processing Office in Muskogee, Okla., (888)442-4551 or their website www.va.gov. For information about the available programs at Methodist University contact the Director of Veteran Services at 910.630.7174.

STUDENT RIGHTS

Family Educational Rights and Privacy Act

Access to student records is regulated by the Family Educational Rights and Privacy Act (20 U. S. C. 1233), FERPA, designed to protect the privacy of the student's records. Methodist University complies fully with this act and categorizes the following as directory information to be released in the best interests of the student as determined by the University: name, address, telephone number, date and place of birth, parents' names, major field of study, participation in officially recognized activities and sports, most recent previous educational institution attended, weight and height of members of athletic teams, dates of attendance at Methodist, and degrees and awards received. Under the terms of FERPA, students have the right to withhold disclosure of any or all directory information by filing, annually, non-disclosure requests with the Office of the Registrar. Methodist University assumes that the absence of such a request indicates student approval of disclosure.

Any student who is currently enrolled at Methodist University or who has been previously enrolled has the right to review and request the amendment and/or correction of all records pertaining to themselves maintained by the University. Students retain the right to file a complaint with the United States Department of Education alleging a failure of Methodist University to abide by the provisions of FERPA and the enabling regulations.

The University catalog constitutes annual notification to students currently in attendance, as well as to the parents of those students, of their rights under FERPA.

Students desiring to make changes to official records regarding name, social security number, and date of birth, must do so by completing the Methodist University data correction form that can be obtained in the Office of the Registrar. Address changes can be submitted through the myMU portal.

Student Right to Know Act

The Student Right-to-Know Act was enacted in 1990 by federal law and amended with the Higher Education Technical Amendments of 1991. The law requires institutions that receive Title IV HEA student financial aid to collect, report and/or disclose graduation rates for full-time, first-time, degree-seeking undergraduate students and students receiving athletically related student aid. The Student Right to Know information can be found at: [College Navigator - Methodist University \(ed.gov\)](http://CollegeNavigator-MethodistUniversity.ed.gov)

Crime Awareness and Campus Security Act (Clery Act)

In 1990, Congress passed the Crime Awareness and Campus Security Act (CACSA) amendments to the Higher Education Act of 1965 (HEA). Amendments to CACSA in 1998 renamed the law the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (the Clery Act) in memory of a student who was murdered in her dorm room. In 2013, Congress passed the Violence Against Women Reauthorization Act (VAWA), which included additional amendments to the Clery Act.

The Clery Act requires that all postsecondary institutions participating in Title IV student financial assistance programs disclose campus crime statistics and other security information to students and the public. Methodist University is committed to providing a safe and secure environment for its students and employees. The annual report can be found at: [Clery Act | Public Safety & Security | Methodist University](#)

Discrimination or Harassment

Methodist University does not tolerate discrimination or harassment. Additional information is available in the Student Handbook. Complaints or questions related to non-discrimination policies and complaint procedures should be directed to:

Debra Yeatts, Director of Human Resources and Title IX Coordinator
Horner Administration Building
910.630.7385
dyeatts@methodist.edu

Other Complaints

Students should make full use of all Methodist University established processes to resolve complaints. On occasion, a student may believe that they cannot resolve their concern through these processes. In that event, the student has the option to contact either the Consumer Affairs Division part of the North Carolina Department of Justice, or the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), which is the regional accrediting body of Methodist University. SACSCOC is at 1866 Southern Ln., Decatur, GA 30030-4097, or call 404.679.4500.

Institutional Effectiveness

Methodist University strives to maintain excellence in its academic programs and services. As part of the University's Institutional Effectiveness program, students may be asked to respond to various surveys such as the Entering Student Survey, Thriving Quotient, Advising Surveys, Campus Climate Surveys,

Graduating Student Surveys, and Alumni Surveys. These surveys help us to assess the quality of the University's programs and services. The University will use a sample of students whenever possible to try to mitigate the number of surveys students have to complete.

This catalog is supplemented by other official documents and publications, such as the Computer Use Policy, [Student Handbook](#), the Faculty Manual, and the official minutes of academic committees.